



OFFICE OF HP STATE COMPENSATORY AFFORESTATION FUND
MANAGEMENT AND PLANNING AUTHORITY (HP STATE CAMPA),
ARANYA-BHAWAN, TALLAND, SHIMLA - 171 001

No. Ft. CAMPA/2012/APOs Adhoc CAMPA/Vol. VI

Dated: Shimla -1. the

From:

12 APR 2022

Pr. Chief Conservator of Forests (HoFF)
Himachal Pradesh, Talland, Shimla - 171001

To

✓ The Chief Executive Officer, National Authority,
-cum-
Director General of Forests & Special Secretary,
Ministry of Environment, Forest and Climate Change, GoI
1st Floor, Vayu Wing, Indira Paryavaran Bhawan
New Delhi- 110003.

Subject: Submission of Annual Plan of Operation (APO) for the year 2022-23.

Sir,

Annual Plan of Operation (APO) of HP State Authority (CAMPA) for the year 2022-23 amounting to Rs. 215.95 crores, approved by Steering Committee of H.P State Authority (CAMPA), is sent herewith for favour of kind perusal and approval. A copy of Proceedings of Steering Committee meeting dated 25.03.2022 is enclosed as **Annexure-I**. The APO contains physical and financial details of works proposed to be undertaken during the current financial year under the sectors of Compensatory Afforestation (CA), Catchment Area Treatment Plans (CAT Plans), Integrated Wild Life Management Plan (IWMP), Net Present Value (NPV), Interest and others is enclosed as **Annexure - II**. Sector wise details are given as under:

Sr. No.	Name of Sector	Proposed Outlay for 2022-23 (Rs. in crores)
1	Compensatory Afforestation (CA)	25.00
2	Catchment Area Treatment Plans (CAT Plans)	26.00
3	Integrated Wildlife Management Plan (IWMP)	16.38
4	Net Present Value (NPV)	145.56
5	Interest	3.00
6	Others	0.01
	Total	215.95

2. A special project regarding, Demarcation, Survey & Geo Referencing of Forest Boundaries of HP using DGPS is enclosed as **Annexure - III**. In addition, Form-VI (Annual Budget proposal of State Authority for financial year for 2022-23 duly signed by Member Secretary, State Authority) is also attached.

P.T.O

C-661873/2022/CR
04-05-2022



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ARANYA-BHAWAN, TALLAND, SHIMLA - 171 001

3. It is requested that the APO amounting to Rs. 215.95 crores for the year 2022-23 may kindly be approved at the earliest so as to take up the works in the field immediately.

Encl: As above/-

Yours faithfully,

A.S.
Chairperson, Executive Committee
H.P. State Authority, CAMPA-cum-
Pr. Chief Conservator of Forests (HoFF)
Himachal Pradesh, Shimla - I



Proceedings of 5th Meeting of Steering Committee of HP State Authority, CAMPA held on 25.03.2022 under the Chairmanship of Sh. Ram Subhag Sing, IAS, Chief Secretary, GoHP-cum- Chairman, Steering Committee in the C.S. Committee Room, H.P. Secretariat, Shimla.

The list of the participants is attached as Annexure-A

At the outset, Sh. Rajesh Sharma, Chief Executive Officer HP State CAMPA -cum- Member Secretary welcomed the Chairperson, members and other invitees of Steering Committee of HP State Authority CAMPA to the meeting. Thereafter, the Agenda Items were taken up for discussion and decision.

Action taken on the agenda items of the meeting are as under:

AGENDA ITEM - 5.1

Action Taken Report on the decisions taken in 4th meeting of Steering Committee held on 22.09.2021

The Action taken report (ATR) on the decisions taken in the 4th meeting of Steering Committee of HP State Authority, CAMPA vide agenda items 3.2, 3.7, 4.2 and 4.3 held on 22.09.2021 was placed before the Steering Committee for perusal and approval.

Decision Taken: The Steering Committee perused the Action Taken Report and approved the same, hence agenda item No. 3.2, 4.2 and 4.3 were dropped. Agenda item No. 3.7 i.e regarding deputation of two representatives for FSI Cell was discussed & directions were issued to take up matter with FSI again.

AGENDA ITEM - 5.2

Progress Report for the Financial Year 2020-21

The steering committee was apprised that during 2020-21, the total APO of Rs. 158.395 crore was duly approved by National Authority against which the total expenditure of Rs. 119.484 crore was incurred. The sector-wise detailed revised APO incorporating the revision and minor changes effected at the time of execution of works as per field requirement and progress achieved there in during 2020-21 as per Annexure-I was placed before the Steering Committee for favour of perusal and approval.



Photographs of established plantations, construction of watch towers, guard huts, soil and water conservation structures were shown in the meeting to show the progress of the field works.

Decision Taken: The Steering Committee perused the agenda item and approved the same for placing it before the National Authority, CAMPA.

AGENDA ITEM – 5.3

Progress of expenditure for the year 2021-22

The Steering Committee was apprised that against the approved outlay of Rs. 138.10 crore for the year 2021-22, Rs. 130.00 crore stands allotted to the field officers as the balance amount was not deposited by the user agencies w.r.t. six (6) CAT Plans. The expenditure up to 15.03.2022 was about Rs 81.14 crore and works are in progress and the final position will be apprised in the next meeting after close of Financial Year.

Decision Taken: The Steering Committee perused the Agenda Item and directed to place the final position of expenditure in the next meeting of Steering Committee.

AGENDA ITEM - 5.4

Approval of APO for 2022-23

APO for the year 2022-23 formulated keeping in view the provisions of CAF Act, 2016 and guidelines laid down in CAF Rules, 2018 including permissible and non permissible activities and outlay of Rs. 202. 61 crore was proposed and placed before Steering Committee for perusal and approval.



The detail of sector-wise proposals made in the APO to the tune of Rs. 202.61 crore is tabulated as under:

Sr. No.	Name of Sector	Proposed Activities Outlay (in crore)	Activities Outlay Approved During Steering Committee
1	Compensatory Afforestation (CA)	20.00	25.00
2	Catchment Area Treatment Plans (CAT Plans)	26.00	26.00
3	Integrated Wild Life Management Plan (IWMP)	16.38	16.38
4	Net Present Value (NPV)	137.22	145.56
5	Interest	3.00	3.00
6	Others	0.01	0.01
Total		202.61	215.95

The Committee was also informed in detail about the salient features and targets proposed in the APO for 2022-23 highlighting the thrust areas. The sector-wise proposed APO of Rs. 202.61 crore was placed before the Steering Committee for perusal and approval.

Decisions Taken: After detailed deliberations the certain activities were proposed under NPV by Steering Committee which now stands included in proposed APO outlay and so total outlay will be 215.95 crore.

AGENDA ITEM - 5.5

Demarcation, Survey & Geo-referencing of Forest boundaries of HP using DGPS:

A special proposal of amounting Rs. 90 crore proposed before Steering Committee attached as annexure-III for identification and demarcation of Forest boundaries by DGPS Survey wherever necessary and documentation of forest records. To survey all the boundary pillars (existing & missing) and collect the precise geo-coordinates. To prepare data in .shp and .kml format. To prepare Forest boundary map after reconciliation with the revenue map readings and photographs of each boundary.



Decision Taken: After detailed discussions the Steering Committee approved the Agenda Item for placing it before the National Authority for final approval (Enclosed as Annexure-III).

AGENDA ITEM - 5.6

Any other item

Detailed discussions were held on the expenditure of 2020-21 and on the proposed APO for the FY 2022-23. The deliberations raised during the meeting are enumerated as under:

- I. The Steering Committee suggested to collect the data of lantana removal for the last three years and also asked for the details of plantation raised on the sites where the lantana was removed. The Chairman of Steering Committee suggested that there should be a proper Monitoring mechanism for areas from where Lantana removal activities undertaken so that the funds for the same site may not be allotted again.
- II. The Steering Committee gave emphasis to purchase drone from CAMPA funds for monitoring of illegal felling in forest areas, to prevent forest fire and to keep watch on encroachment.
- III. During discussions on various issues of proposed APO for the FY 2022-23 the Steering Committee suggested that for the protection of plantations and forests and to prevent the crimes in the forest areas, at least 15-20 front line staff including Range Forest Officers, Dy. Rangers and Forest Guards of the Forest Department should be trained to use drone cameras who will act as a **Drone Pilot**. The Steering Committee suggested that Standard Operating Procedures (SOPs) for monitoring through drone cameras should also be prepared. The proposal in this regards stands prepared & enclosed as **Annexure-IV**.
- IV. In soil and moisture conservation works activities like construction of rain water harvesting structures, for recharge of ground water etc. plantations around these structures should be done. Special studies on Shimla Water catchment area and Mashobra Catchment area will be done to find out the fall in water supply from Gumma and Dhalli water supply. The study will also find out the reasons of depletion of small water bodies in these Catchments and suggestions to restore.



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- V. Worthy Additional Chief Secretary (Forests), Smt. Nisha Singh suggested that for management of Biological Diversity gardens like Craignano should now be completed. Plantation of indigenous tree species should be developed in National Parks and Sanctuary areas. She also suggested that in wildlife areas specific areas for conservation of birds/ pheasants should be developed with proper fencing and plantation of species which support the existence of these birds/ pheasants in Nahar and Chamba.
- VI. The Langi Dam will be developed on the line of Pong Dam.
- VII. The Steering Committee asked to ensure uploading of works done under CAMPA on e-green watch portal and expressed serious concern over slow pace of uploading. Directions were issued to explore possibilities like outsourcing the said work for uploading of data.

The meeting ended with the vote of thanks to the Chair.


Member Secretary

Steering Committee-cum-CEO
HP State Authority, CAMPA


Chairperson

Steering Committee HP State Authority
-cum-Chief Secretary GoHP



HIMACHAL PRADESH STATE COMPENSATORY AFFORESTATION
FUND MANAGEMENT AND PLANNING AUTHORITY
(STATE AUTHORITY)

ANNUAL PLAN OF OPERATION (APO)
UNDER
COMPENSATORY AFFORESTATION (CA),
CATCHMENT AREA TREATMENT PLANS (CAT PLANS),
NET PRESENT VALUE (NPV),
INTEGRATED WILDLIFE MANAGEMENT PLANS (IWMP),
INTEREST,
&
OTHERS
FOR THE YEAR 2022-23

HPFD Headquarters, Aranya-Bhawan, Talland, Shimla -171001.

Telefax: 0177-2629750; 2623457 email: hpstatecampa@gmail.com





ANNUAL PLAN OF OPERATION (APO) 2022-23

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Preface

The Ministry of Environment Forest and Climate Change, Government of India has notified the Compensatory Afforestation Fund (CAF) Act, 2016 and CAF Rules, 2018. The APO for the year 2021-22 has been formulated in accordance with the provisions of CAF Act and CAF Rules.

The APO contains proposals of site-specific plans of compensatory afforestation (CA), catchment area treatment plans (CAT Plans), integrated wildlife management plans stipulated in the approved FCA cases of diversion of forest land for non-forestry purposes for their implementation during the financial year 2022-23.

The APO has been formulated in Four parts containing total nineteen chapters. Part-I of the APO contains chapters 1 to 7 pertaining to the brief history and past performance. Part-II of the APO has been divided into six chapters from 8 to 13 which include physical and financial proposals of site-specific plans of CA, CAT Plans, Integrated Wildlife Management Plans and Others allied works for their implementation during the year. Similarly, Part- III of the APO is divided into three chapters from 14 to 16 which elaborate the proposals of non site-specific plan of Net Present Value (NPV) for undertaking forestry and other works. It also incorporate Annual Budget of State Authority out of Interest from State Fund and APO thereof during the year 2022-23. Part-IV of APO further provide information regarding measurable output of physical activities and period required for achieving the same into two Chapters from 17 to 19.

Part-II and Part-III of the APO for the year 2022-23 find mention of the allotment of funds under site specific plans and non site-specific plans separately. The physical and financial proposals made under site specific plans and non site-specific plans have also been detailed in Part-II and Part-III of the APO.

This APO has been formulated for the implementation of site specific and non site-specific plans and execution of proposed works during the financial year 2022-23.





Form-VI

Annual Budget proposal of State Authority for Financial Year 2022-23







Form-VI
Annual Budget proposal of State Authority for financial year 2022-23
Submitted along with the Annual Plan of Operation

[See rule 35]			
S. No.	Description	Current Financial Year	Last Financial Year
(Amount in Rupees)			
1	a. Opening balance of funds received from National Authority as on 1 st April	0	0
	b. Opening balance of loans/grants etc. received as on 1 st April	0	0
2	Estimated Annual receipt of State Authority		
	(a) Receipt of fund by State Authorities from user agencies	1724854175	634196746
	(b) Receipt of accrual of interest on State Fund	1465288601	1056835323
	(c) Receipt of Grants/ loans/others of State Authority	0	0
	(d) Any other Income	0	0
3	Total estimated funds available with State Authority (as on 1 st April)	17284707020	17482219227
4. (i)	Annual proposed expenditure of State Authority out of State Fund		
	Activities to be undertaken from interest (Specify) under rule 6		
	Recurring Management Expenditure		
	i. Personnel services and benefits*	17000000	12000000
	ii. Administrative Expenses**	1000000	8000000
	iii. Other Administrative Expenses***	12000000	0
	iv. Any other expenditure	0	0
	Activities to be undertaken from Net Present Value (Specify) under rule 5		
	a. Non recurring Management Expenditure like Creation of Capital Asset	149328000	72152000
	b. Afforestation and other permissible activities	216904000	693248000
	c. Expenditure on Ongoing Works	110000000	7500000
	d. Expenditure on New Works	949307400	0
	e. Monitoring and Evaluation Expenditure	30000000	0
4. (ii)	Compensatory Afforestation Works	250000000	170000000
4. (iii)	Catchment Area Treatment Works	260000000	250000000
4. (iv)	Wildlife Management works	163800000	168000000
4. (v)	Other (Specify)	0	0
	4. (v). (a) Soil & Water Conservation Plan (JP Cement)	0	0
	4. (v). (b) Green Belt Plan	100000	100000
4. (vi)	Total estimated expenditure out of grants/loan etc.	0	0
5. (i)	Estimated Gross Total Expenditure [4. (i)+ 4. (ii)+ 4. (iii)+ 4. (iv)+ 4. (v)+4. (vi)]	2159439400	1381000000
(ii)	Estimated Payments to National Authorities out of funds received from user agency		
6	Total closing balance with State Authority		
	a. Closing balance of funds received from National Authority	0	0
	b. Closing balance out of receipt from User agencies	0	0
	c. Closing balance of grants/loans etc.	0	0

Declaration

The budget proposal as mentioned above has been approved and adopted by the State Authority.

Dated:

Member- Secretary
State Authority





FORM – XII
ANNUAL PLAN OF OPERATION
(Rule 39 of Compensatory Afforestation Fund Rules 2018)

PART-I
BRIEF HISTORY AND PAST PERFORMANCE



Chapter-1

Forests in the State of Himachal Pradesh:

The State of Himachal Pradesh, having a geographical area of 55,673 sq km, constitutes 1.69% of the geographical area of the country. The State has three distinct regions viz the Shiwaliks with altitude upto 1,500 m, middle Himalayan region between 1,500 m to 3,000 m and the Himadris higher than 3,000 m. About one third of the area in the state is permanently under snow, glaciers and cold desert. The tree growth is minimal in this region due to harsh conditions. The average annual rainfall is about 1800 mm. The temperature varies from sub-zero to 35°C. The Satluj, Beas, Ravi, Chenab and Yamuna are the important rivers of the state.

The forests of the State can be broadly classified into Coniferous Forests and Broad-leaved Forests. Distribution of various species follows fairly regular altitudinal stratification. The vegetation varies from Dry Scrub Forests at lower altitudes to Alpine Pastures at higher altitudes. In between these two extremes, distinct vegetation zones of Mixed Deciduous Forests, Bamboo, Chil, Oaks, Deodar, Kail, Fir and Spruce are found. The richness and diversity of our flora can be gauged from the fact that out of total 45000 species found in the country; as many as 3295 species (7.32%) are reported in the State. More than 95% of the species are endemic to the State of Himachal Pradesh and characteristic of Western Himalayan flora, while about 5% are exotic, introduced over the past 150 years.

Based on interpretation of IRS Resourcesat-2LISS III satellite data pertaining to Oct-Dec 2017, the forest cover in the state is 15,433.52 sq km which is 27.72% of the state's geographical area as compared to 14360sq km in the year 2001. Thus there is an increase of 1074sq km in forest cover over a period of two decades. In terms of forest canopy density classes, the state has 3,110 sq km (5.59%) under very dense forest, 6,705 sq km (12.04%) under moderately dense forest and 5,285 sq km (9.49%) under open forest.

The recorded forest area of the state is 37948sq km which is 68.2% of its geographical area. The Reserved, Demarcated Protected, Undemarcated Protected and Unclassified Forests constitute 4.96%, 33.87%, 42.26% and 18.91% respectively of the recorded forest area. (Source ISFR-2019)

Tree cover constitutes 829 sq km and total Forest and Tree cover is 16,262.52 sq km which is 28.60% of States Geographical area and 1.99% of India's Forest and Tree cover. The per capita forest and tree cover of state is 0.23 ha. The area capable of sustaining forest and tree cover is 35.5% only.

The Growing Stock in recorded Forest Area is 347.07 cum m having 8.12% contribution to country. The Growing Stock in TOF (Trees outside Forest) is 25.19 cum m 1.53% contribution to country.



The legal status of the forest area is as under:

Category	Area (Sq. Km.)
Reserved Forests	1,883
Demarcated Protected Forests	12,852
Un demarcated Protected Forests	16,035
Others	7,178
Total	37,948

The influence of State's forests transcends well beyond its boundaries, significantly impacting the ecology and economy of Indo-Gangetic plains. The State has a population of 68.5million (2010-11 Census), of which 90% live in rural areas. A vast majority of this rural population is dependent upon the forests for variety of their daily needs including timber, fodder, small timber, firewood, fruits. Apart from this a substantial number of rural households also collect a variety of medicinal herbs from the forests for augmenting their income thus, providing them an additional source of livelihood.

The forests of the state not only provide direct benefits but also a host of other ecosystem services. These encompass, first and foremost, the class of regulatory services such as carbon sequestration; sediment control and soil conservation; ground water recharge; protection from extreme weather events and preservation of bio-diversity. Due to their immense potential as carbon sink, the forests of the State have an important role in contributing towards the INDC (Intended Nationally Determined Contributions) commitments of the country. These services, by their very nature; accrue beyond the boundaries of the State in which the forest lies.

Himachal Pradesh is one of the premier states of the Himalayan region that forms catchment of main rivers of northern India and any degradation in the watersheds affect the flow of water and transport of sediments to the rivers and reservoirs downstream. Situated as it is in the fragile Himalayan region, a good forest cover in the State has a strategic role in flood control, water regulation and climate mitigation in the neighboring States. The maintenance of adequate forest cover in the state is therefore, of great importance also from this point of view.

Keeping in view the above context there is an imminent need to maintain the integrity of the existing forest cover on the one hand, and to bring more areas under forest cover on the other, to meet the growing environmental, ecological and social challenges. Under the Sustainable Development Goals (SDGs), the State government has set an ambitious target of bringing 30% of State's geographical area under forest cover by 2030 against the present 27.72%.As per the National Forest Policy also, in mountainous regions, two-third of the geographical area is required to be under forest cover in order to prevent erosion and land degradation and to ensure the stability of the fragile eco-system.

The National Wildlife Action Plan (2002-2016) has set a target of 10% of total geographical area under Protected Area Network in a State. Against this target, the state has brought 15.1% of the total geographical area of the State under Protected Area Network.



Chapter-2

Activities carried out in the State in Last Five Years from CAMPA Funds

During last five years of 2017-18, 2018-19, 2019-20, 2020-21, & 2021-22 an amount of Rs. 522.24 crore has been utilized upto 31.12.2021.

The details of forestry and other activities carried out in the state during last five years from the CAMPA funds released by the Adhoc CAMPA are tabulated as under: -

Activities carried out in the State in last five years from of 2017-18, 2018-19, 2019-20, 2020-21 & 2021-22:

Progress Report under CAMPA funds of Himachal Pradesh for the last five years		
Item of Works	Achievements	
	Phy.	Amount Lakh Rs.
CA Works:		
ANR/RDF		
Block Plantation	4737.52	2418.05
<i>Advance Work</i>	40358.92	2110.23
<i>Maintenance of old plantation</i>	55486.51	2137.81
<i>Contingency</i>	0	181.31
Total CA	100582.95	6847.4
CAT Plans		
Afforestation	2946.99	994.56
Maintenance of plantation	19825.75	707.79
Nursery Development	37707.6	504.4
Soil Conservation Works	137838.5	4644.92
Other Ancillary Works	2084	1730.63
Infrastructure Development	1251.5	1747.59
Total CAT	201654.34	10329.89
Soil & Water Conservation Plan		
<i>1. Afforestation</i>	0	0
<i>2. SC Works</i>	64	11.44
<i>3. Maintenance of plantation</i>	28	1.95
<i>4. Other Ancillary Works</i>	2	4.5
Total SWC Plan	95	17.89
Reclamation Plan		
<i>Afforestation</i>	1.08	0.51
<i>Maint. of Affor.</i>	1.75	0.114
<i>SC Works</i>	LS	50
Total Reclamation	2.83	50.624



Wildlife related interventions		
Others		
1. Conservation of Endangered Spp. In HP	0	4.85
2. Conservation of Flora & Fauna in and around GHNP Shamshi	0	450.92
3. Wildlife Management Plan	0	0
Total Wildlife	0	455.77
Working plan related works(Other than under State budget)	0	0
NPV	0	0
ANR (Fresh)	33559.42	4214.2
ANR (Maint. & Subsidiary activities)	82617.96	6467.02
Infrastructure		
Building for frontline staff (New Buildings)	0	0
Building for frontline staff (Maint. of Buildings)	786	1356.7
Other Building (Pl specify)		
<i>other than frontline staff</i>	0	0
Forest Boundary consolidation	7676.53	752.92
Prevention of Forest fire	967398	877.83
Vehicles. Pl specify:		
(1.) 4 Wheeler Cars;	0	0
(2.) 4 Wheeler Utility Vehicles	9	44.1
(3.) 2 Wheelers.	0	0
Other Pl. specify	84452.56	13787.86
Total NPV	1181694.47	27500.63
Green Belt	5	7.34
<i>Plantation</i>		
<i>Maintaince of Plantations</i>	155	0.9
<i>Soil Conservation Works</i>	0	13.88
Total Green Belt	175	22.12
Interest	0	0
<i>Office Expencise</i>	0	26.74
<i>Hiring of Vehicle</i>	0	33.44
<i>Salary and Allowances to Hiried Outsourced Staff</i>	0	136.97
Total Interest	0	197.15
Protected Area Corpus (koldam)	0	6803.01
G.Total	1484204.59	52224.484

**Chapter-3****Forestry and other related schemes and activities carried out in the state in previous year from the funds received under other schemes of the Government**

The details of major forestry and other activities carried out in the State during previous year, 2021-22 from the funds received under State Plan Schemes and Centrally Sponsored Schemes are tabulated as under: -

S. No.	Name of Scheme	Expenditure (Rs in lakh)
1.A	Major Scheme-wise detail	
i)	Protective Afforestation, Soil Conservation & Demonstration	242.775
	Sub -total Soil Conservation	242.775
2.B	2406- Forestry and Wildlife Plan	
	01-Forestry	
i)	Circle/Divisional Establishment	5173.654
ii)	Subordinate Training/Grant-in aid to NRMTDS	0
	Forest Fire Management	29.603
	Sub-Total :	5203.257
C)	070-Communication & Building	
a	070-Repair. of Roads, Bldgs. & Paths	85.305
	i) Maintenance	0
	ii) Furnishing	0
D	Fuelwood Transportation Charges (Subsidy)	0
	Sub Total:-	85.305
E	Forest Conservation, Dev. & Regeneration	
i)	01-SOON Consolidation & Demarcation of Forests.	0
ii)	04-SOON Working Plan Organization	0
iii)	Forestry programme	0
	Sub Total:-	0
F	2406-01-102-Social & Farm Forestry	
i)	01-SOON-Dev. Of Pastures and Grazing Land.	0
ii)	Improvement of Tree Cover	300.89
iii)	Raising of Nurseries for Departmental Planting & Public Distribution	0.685
iv)	Maintenance of Plantation & Nurseries.	75.044
v)	Samudaik Van Samvardhan Yojana	0
vi)	Experimental Silviculture Felling	71.378
	Sub Total:-	447.997
G	Forest Produce	
	Establishment of Shuttle & Bobbin Factory	1.433
H	Other expenditure	
i)	Amenities to Staff & Labour	0
ii)	New Forestry Scheme (Sanjhi Van Yojna)	0
iii)	Samriti Van Yojna	0
iv)	Vidyarthi Van Mitar Yojna	0



v)	Van Samridhi Jan Samridhi Yojana	0
	Sub Total:-	1.433
I	Environment Forestry & Wildlife	3.317
	Wildlife Preservation	106.834
i)	Wildlife Preservation -01-SOON- Wildlife	8.619
ii)	SOON- Improvement & Dev. Of wildlife Sancturaries	
iii)	SOON- Exp. On Intensive Management of Wildlife Sancturaries	14.46
iv)	SOON Exp. On Development of PIN Valley National Park.	0
	Sub Total:-	133.23
J	Dev. Of Himalyan Zoological Park	0
i)	Dev. Of Himalyan Zoological Park (2406 Revenue Section)	0
ii)	42Grant in Aid to Himachal Pradesh Zoo Conservation and Breeding Society	204.571
	Sub Total:-	204.571
K	Agriculture Research & Education	
i)	Department Forestry Research Scheme	5.981
ii)	Exp. On Grant-in Aid to Dr. Y.S. Parmar University of Horticulture & Forestry for Forestry Research	5.72
	Sub Total:-	11.701
L	Capital Outlay on Housing	14.265
i)	4216-Construction under Forest Sector	
M	Capital Outlay 2406- forestry & Wildlife	
	Roads & Bridges	28.075
	4406-02 (Non-Res. Buildings)	82.816
N	02-Environment Forestry & Wildlife	
i)	110-Wildlife Preservation	
O	Zoological Park	
i)	Building under Zoological Park	0
	Building under Zoological Park	125.156
P	Externally Aided Projects	
1	08-SOON HP Forest Eco-system Climate Project (KfW) D/Shala	2940.202
2	09-SOON HP Forests for Prosperity Project (FPP) Una	0
3	37-SOON Integrated Development Project for Source Sustainability and Climate Resilient Rainfed Agriculture (IDP) (Solan)	447.529
4	HP Forest Ecosystem Management & Livelihood Improvement Project.	0
	Total EAPs	3387.731
A	Centrally Sponsored Scheme	
	(Forestry) S-10% State	
1	Intensification of Forest Management (Integrated Forest Protection Scheme)	0
2	National Afforestation Programme (NAP)	0
3	National Bamboo Mission under Mission for integrated Development of Horticulture	0
4	Sub-Mission on Agroforestry under NMSA	0
5	Nagar Van Yojna	0
	Total CSS Forestry	0
B	Environment Forestry & WL	



1	Assistance for Development of National parks & Wildlife Sanctuaries (renamed as Integrated Development of Wildlife Habitats)	0
2	Intensive Management of Wildlife Sanctuaries (renamed as integrated Dev. Of WL habitats)	0
3	Exp. On Development of PIN Valley National Park renamed as integrated Dev. Of WL habitats)	0
4	Expenditure On Management Action Plan for Cold Desert Biosphere Reserve	0
	Total Env. Forestry & Wildlife	0
C	Capital Section	
1	Forestry (AOOS) (SCA)	
2	Assistance for Development of National Parks & Wildlife Sanctuaries (renamed as Integrated Development of Wildlife habitats)	0
	Total Capital Section Schemes 10% state	0
D	Centrally Sponsored Scheme	
	(Forestry) -90% Centre Share	
1	Intensification of Forest Management	0
2	National Afforestation Programme (NAP)	0
3	National Bamboo Mission under Mission for integrated Development of Horticulture	0
4	Sub-Mission on Agroforestry under NMSA	0
5	Nagar Van Yojna	0
	Total CSS Forestry	0
E	Environment Forestry & WL	
1	Assistance for Development of National parks & Wildlife Sanctuaries (renamed as Integrated Development of Wildlife Habitats)	0
2	Exp. On Intensive Management of Wildlife Sanctuaries (renamed as integrated Dev. Of WL habitats)	0
3	Exp. On Development of PIN Valley National Park renamed as integrated Dev. Of WL habitats)	0
4	Expenditure on Management Action Plan for Cold Desert Biosphere Reserve	0
	Total Env. Forestry & Wildlife	0
F	Capital Section	
1	Forestry (AOOS) (SCA)	70.918
2	Assistance for Development of National Parks & Wildlife Sanctuaries (renamed as Integrated Development of Wildlife habitats)	0
	Total Capital Section Schemes	70.918
	Grand Total State & Centre	9914.074



Chapter-4

Forest Area Diverted and Compensatory Afforestation carried out in the State of Himachal Pradesh since 1980

The year-wise details of total forest area diverted, total compensatory afforestation stipulated and total compensatory afforestation carried out in the State of Himachal Pradesh since 1980 are tabulated as under:

Year-wise Details of Forest Land Diverted, Total Compensatory Afforestation Stipulated and Compensatory Afforestation carried out in the State of Himachal Pradesh							
Year	Total Forest Land Diverted	Total Compensatory Afforestation Stipulated		Total Compensatory Afforestation Carried Out		Year End Balance Compensatory Afforestation to be done	
		NFL (Ha)	DFL (Ha)	NFL (Ha)	DFL (Ha)	NFL (Ha)	DFL (Ha)
1980-81	0	0	0	0	0	0	0
1981-82	0.54	0	0	0	0	0	0
1982-83	45.66	0	40.2	0	0	0	-40.2
1983-84	100.3	16.33	167.94	0	0	-16.33	-167.94
1984-85	11.63	0	23.78	0	0	0	-23.78
1985-86	1063	0	2000	0	0	0	-2000
1986-87	282.1	30.18	503.84	0	0	-30.18	-503.84
1987-88	222.4	0	444.8	0	6	0	-438.8
1988-89	20.13	0	40.26	0	0	0	-40.26
1989-90	132.8	0	265.6	0	0	0	-265.6
1990-91	1109	57.65	2163.9	0	2	-57.65	-2161.9
1991-92	103.3	0	208.6	0	49	0	-159.6
1992-93	3.91	0	7.83	0	265	0	257.17
1993-94	129.9	0	265.66	43.87	384	43.87	118.34
1994-95	153.7	0	303.89	58	761	58	457.11
1995-96	222.6	0	445.27	0	236	0	-209.27
1996-97	22.13	0	57.28	0	374	0	316.72
1997-98	26.35	0	53.18	0	391	0	337.82
1998-99	435.7	0	887.35	0	423.18	0	-464.17
1999-2000	342.6	30.08	685.2	30.07	446	-0.01	-239.2
2000-01	315.9	0	817.05	0	800	0	-17.05
2001-02	171.4	0	393.77	0	757	0	363.23



HP State Authority – APO For the Year 2022-23

2002-03	204.7	0	497.91	0	1458	0	960.09
2003-04	201.52	6	403.04	0	771	-6	367.96
2004-05	141.99	0	310.57	0	1400	0	1089.43
2005-06	723.17	0	1448.45	0	1161	0	-287.45
2006-07	855.97	0	1730.72	6.8	752	6.8	-978.72
2007-08	385.93	0	801.14	0	1045	0	243.86
2008-09	394.32	0	809.43	0	325	0	-484.43
2009-10	972.29	0	1962.7	0	130	0	-1832.7
2010-11	1118.08	0	2253.5	0	59.7	0	-2193.8
2011-12	375.5	0	751	0	477.81	0	-273.19
2012-13	1060.38	0	2146.03	0	1362	0	-784.03
2013-14	237.88	0	476.41	0	2441	0	1964.59
2014-15	158.46	0	316.92	0	3220.35	0	2903.43
2015-16	352.45	0	704.9	0	1929.5	0	1224.6
2016-17	109.78	0	223.4	0	1245.49	0	1022.09
2017-18	466.17	1.75	501	0	1382.75	-1.75	881.75
2018-19	739.44	0	1478.88	0	581.69	0	-897.19
2019-20	391.48	0	527.299	0	568.32	0	41.021
2020-21	397.683	0	807.672	0	876	0	68.328
2021-22	493.7045	0	825.81	0	954.36	0	128.55
G. Total	14695.9475	141.99	28752.181	138.74	27035.15	-3.25	-1717.031



Chapter-5

Monitoring & Evaluation

1. Monitoring done by the Monitoring and Evaluation Wing of the State Forest Department

Monitoring and evaluation is an integral part of any program, project, or scheme that helps in keeping constant vigil on the efficacy of implementation process towards achieving the planned outcomes and goals.

The new Government has laid special emphasis on effective monitoring of different developmental works being undertaken by the department and had set a target of introduction of effective monitoring system in Forest Department within 100 days.

In pursuance of this target, the Forest department has put into practice a revamped and effective Monitoring and Evaluation system in place for monitoring of all important activities of the department. A three tier monitoring and evaluation structure has been devised by the department as below: -

First-tier monitoring involves in-house checking of forests and to review the completeness and quality of various forestry works by all levels of field officers. Norms for Mandatory Field Inspection as well as touring have been fixed.

Second-tier monitoring involves independent monitoring of all types of departmental works selected through random sampling by M&E Wing of the department, headed by an officer of the rank of CCF. Senior Forest Officers forming part of the Forest Headquarters located at Shimla and outside Shimla are also involved in the second-tier monitoring and evaluation of field works in order to use their experience in improving the implementation of field works.

The Third-tier monitoring involves independent monitoring of all departmental works by independent monitors from outside the organization.

Besides manual reporting, integrated software-IFMS, has been developed and operationalized.

To further facilitate the reporting/viewing of monitoring of works executed in the field, a mobile-app is also being designed/ developed.

The emerging technologies have thrown up many possibilities of improving the Monitoring and Evaluation protocol to make the exercise more effective and purposeful. Some of the emerging technologies proposed to be used in future are:

- Surveillance through helicopter/drones.



- Integration of the process on GIS Platform.
- Application of Remote Sensing and Satellite Imagery.
- Use of web-based software/ technologies for online reporting.

With the introduction of this system, department will be able not only to increase the accountability at different levels but with learnings from regular evaluation and feedback, will be able to take timely corrective measures.

2. Monitoring done by the Independent Monitor (Third Party Monitoring) in the State:

The third party monitoring and evaluation of the plantations raised from CAMPA funds during the years 2014-15 and 2015-16 was got conducted in 39 forest divisions by Himalayan Forest Research Institute (HFRI) as per standard methodology.

The survival percentage of plants in all the Forest Divisions as well as for the entire State was classified into following categories:

S. No.	Category	Survival Per cent
1.	Below Average	0-30
2.	Average	31-50
3.	Good	51-70
4.	Very Good	71-100

In the state level, weighted average survival per cent of the plantations raised under different schemes is as under:

Weighted average survival under various schemes in Himachal Pradesh

Sl. No.	Name of Scheme	Weighted Average Survival (%)	
		2014-15	2015-16
1.	Compensatory Afforestation	47.12	50.71
2.	CAT PLAN	50.35	51.48
3.	NPV	29.12	42.59
4.	Soil & Water Conservation	73.05	62.64

The third party monitoring and evaluation of CAMPA funded plantation of 9222.40 ha area raised during the years from 2016-17 to 2018-19 has been awarded to Himalayan Forest Research Institute (HFRI), Panthaghati, Shimla and the work is under progress. The final monitoring and evaluation report is expected during July, 2021.



Chapter-6

Schemes of APO for 2022-23

The Compensatory Afforestation Act (CAF) 2016 and the CAF Rules 2018, notified by the Ministry of Environment, Forest & Climate Change, Government of India provide that the funds deposited by the User Agencies for compensatory afforestation, additional compensatory afforestation, penal compensatory afforestation; Catchment Area Treatment (CAT) Plans; Wildlife Management Plans and other Plans approved in the FCA cases are to be utilized for the execution of site specific plans submitted with the approved FCA cases. The non-site specific funds of NPV are to be utilised on the activities defined separately in respect of the 80% share and 20% of NPV funds. Similarly, Interest APO has to be utilized as per 60% and 40% distribution of interest fund on activities mentioned in the CAF, Rules. In accordance with these provisions of the CAF Act and CAF Rules, the Annual Plan of Operation (APO) for the year 2022-23 has been divided into following schemes of operation:-

- Compensatory Afforestation (CA);
- Catchment Area Treatment Plans (CAT Plans);
- Integrated Wildlife Management Plan;
- Others;
- Net Present Value (NPV);
- Interest;

Further, the outlay of the APO has also been divided into the above given sectors and allotment of funds has been made under each individual sector within the total outlay of APO. The scheme-wise provision of funds made in the APO is in accordance with the priorities assigned to the above mentioned schemes of operation and also in consonance with the targets proposed under each sector.



Chapter-7

Scheme-wise Outlay

Annual Plan of Operation (APO) for the Rs. 215.95 crore for 2022-23 is prepared and submitted for utilizing the amount to be released by National Authority to the State Authority during current financial year.

The details of scheme-wise allotment and percentage allocation of funds made in the current year 2022-23 APO are tabulated as under:-

Sr. No.	Name of Head/Sector	Amount (In Crores)
I	Site Specific Plans	
A	Compensatory Afforestation (CA)	25.00
B	Catchment Area Treatment Plans (CAT Plans)	26.00
C	Integrated Wildlife Management Plans	16.38
D	Others	0.01
	Total:	67.39
II	Non Site Specific Plans	
E	Net Present Value (NPV)	145.56
F	Interest	3.00
	Total	148.56
	Grand Total	215.95

The proposals of site specific plans of Rs. 67.39 crore are submitted in Part-2 of this APO and the non-site specific plans of Rs. 148.56 crore in Part-3.



PART-II
SITE-SPECIFIC PLANS/ACTIVITIES

Chapter-8

Site Specific Plans

The Compensatory Afforestation Act (CAF) 2016, under section 6(a), provides that the money received for compensatory afforestation, additional compensatory afforestation, penal compensatory afforestation, catchment area treatment plan and for any other site specific scheme may be used as per site specific schemes submitted by the State along with the approved proposals for diversion of forest land under the Forest (Conservation) Act 1980. As per the provisions of CAF Rules 2018, the proposals for undertaking the site-specific activities are to be submitted in this part of the APO.

Accordingly, under this part of the APO, the proposals for the implementation of following site-specific schemes are being submitted: -

1. COMPENSATORY AFFORESTATION (CA)
2. CATCHMENT AREA TREATMENT PLANS (CAT PLANS)
3. INTEGRATED WILDLIFE MANAGEMENT PLANS
4. OTHERS
 4. (i) Green Belt

The details of scheme-wise proposals incorporated in the APO for the year 2022-23 are submitted in the following chapters on scheme-wise site specific plans.



Chapter-9

Compensatory Afforestation (CA)

One of the main components of the HP State CAMPA is Compensatory Afforestation (CA), which provides for raising of plantations in lieu of the forest areas diverted to the user agencies for non-forestry purposes. Under the scheme of Compensatory Afforestation, the activities of Compensatory Afforestation/Additional Compensatory Afforestation/ Penal Compensatory Afforestation/Safety Zone etc. are taken up strictly as per the stipulations contained in Stage-I & II clearances of FCA proposals granted by MoEF& CC, GoI.

The GoI guidelines provide for taking up all the compensatory afforestation in compact Land Banks which is being taken care by the HP State CAMPA. It also envisages identification of Land Banks, proper demarcation of the compensatory afforestation area, implementation of soil and moisture conservation works as per site requirements, maintenance of previously raised compensatory plantations and raising of planting stock etc.

As on 31.03.2022 1717 hectare are balance targets of compensatory afforestation and accordingly a target of 973 ha. has been proposed in the current APO for plantation.

A provision of **Rs. 25.00 crores** has been made under the scheme of Compensatory Afforestation of the APO for 2022-23 to achieve the proposed targets.

The details of activity-wise targets proposed under this sector are as under:-

Sr. No.	Name of Activity	Phy. Targets		Amount (Rs. in crores)
1	Plantation in Land Banks	973	Ha.	6.46
2	Advance Works - Fencing of Land Banks & Nursery Raising Including Lantana Removal	1802	Ha.	10.85
3	Maintenance of old CA Plantations	14599	Ha.	7.69
		Total:		25.00



Chapter-10

Catchment Area Treatment Plans (CAT PLANS)

The GoI guidelines provide that all the cases of diversion of forest land, in favour of Hydro-Electric Projects of the capacity of more than 10 MW and all medium and major irrigation projects should mandatorily be supported with proper Catchment Area Treatment Plan (CAT Plan). The final stage clearance, in favour of the User Agency, is granted by the MoEF&CC, GoI only after the receipt of approved CAT Plan document of the concerned hydro power project.

The outlay of a CAT Plan, as notified by the government of Himachal Pradesh at present, is determined at the rate of minimum 1.5% of the total project cost mentioned in the Techno Economic Clearance (TEC). The cost of CAT Plans, realized from the user agencies, is deposited in the account of Ad-hoc CAMPA, GoI.

The CAT Plan documents contain provisions for undertaking the activities of afforestation of the degraded forests, assisted natural regeneration, enrichment plantation, raising of medicinal plantation, plantation of non-timber forest produce and grasses, pasture development, maintenance of old plantations, development and maintenance of nurseries including raising of plants, soil and moisture conservation works, forest and rural infrastructure development and other ancillary works etc.

It is highlighted that the Catchment Area Treatment Plans (CAT Plans) is one of the major sectors/schemes of the Himachal Pradesh State CAMPA. Under the CAT Plans sector, in the APO of 2022-23, total 32 CAT Plans of different hydroelectric projects have been proposed for funding for their implementation and execution of works during the current financial year with an outlay of Rs. 26.00 crore to achieve the proposed targets.

The details of total targets proposed under main activities of all the CAT Plans are as under:-

Sr. No.	Name of Activity	Phy. Targets		Financial (in crore)
1	New Plantations including Afforestation, Enrichment, Replenishment, ANR, NTFP, Med. Plantation and Pasture Dev.	635	Ha.	3.22
2	Maintenance of old Plantations	2173	Ha.	1.18
3	Soil & Water Conservation Works	113197	No.	9.05
4	Research, Training & Capacity Building	17	Ls	0.66
5	Infrastructure Development & Forest Protection	3568	No. KM	4.44
6	Wildlife Activities	45	No.	1.45
7	Other Works	2928	No.	3.18
8	Nursery Infrastructure	8028	Ha/No.	2.82
		Total:		26.00



Chapter-11

Integrated Wildlife Management Plans

The diversion case of forest land, in favour of the user agency for establishing Parvati Stage-II Hydro-electric project in Kullu District, also include the Protected Area of Great Himalayan National Park, Shamshi, Kullu (HP) and Kol Dam Hydro Project in Bilaspur, Solan Shimla and Suket Forest Divisions of Himachal Pradesh. Therefore, the GoI, while granting clearance under FCA, stipulated for the preparation of following Wildlife Management Plans at the cost of the User Agency:-

- a) Conservation and Protection of Protected Areas and Conservation of Flora & Fauna in and around GHNP, Shamshi.
- b) Protected Area Corpus Fund

The funds, against both the above-said plans, have been realized from the user agency and deposited in the account of Ad-hoc CAMPA, GoI. **A provision of Rs. 16.38 crore has been made under the Integrated Wildlife Management Plans in the APO 2022-23** as per detail given below:

a) **Conservation and Protection of Protected Areas and Conservation of Flora & Fauna in and around GHNP, Shamshi**

The plan of ‘Conservation and Protection of Protected Areas’ has been formulated with a total outlay of Rs. 17.615 crore making provision for In-situ efforts for the improvement and management of Protected Areas and forests which includes infrastructure, protection and communication; fire prevention, detection and control; catchment treatment, habitat restoration and management of rare and endangered species. It also highlights the community participation, mitigation of people wildlife conflict and capacity building etc.

The main activities of the plan of ‘Conservation of Flora & Fauna in and around GHNP’ are as under: -

- ✓ Improved management of Protected Areas and managed forests;
- ✓ Infrastructure, protection and communication;
- ✓ Fire prevention, detection and control – cutting & burning of fire-lines;
- ✓ Habitat improvement – soil and moisture conservation;
- ✓ Water development and harvesting;
- ✓ Community participation;
- ✓ Development of village institutions;
- ✓ Sustainable livelihood;
- ✓ Alternate income generating activities;
- ✓ Mitigation of people wildlife conflict;
- ✓ Communication and advocacy strategy;
- ✓ Development of human resource and infrastructure.



A financial provision of Rs. 1.36 crore has been made under the Wildlife Management Plan of ‘Conservation of Flora and Fauna in & around GHNP’ of the APO 2022-23 for the implementation and execution of works proposed under all the above mentioned activities.

b) Protected Area Corpus Fund:

The wildlife management plan under Koldam Stipulation has been formulated with a total outlay of Rs. 226 crore making provision for the improvement and management of Protected Areas and Forests sprawling throughout the State the major activities includes infrastructure, protection and communication; fire prevention, detection and control; habitat restoration, research/study, management of rare and endangered species and capacity building of frontline staff.

A financial provision of Rs. 15.02 crore has been made under the Wildlife Management Plan of ‘Protected Area Corpus Fund against Koldam Stipulations’ of the APO 2022-23 for the implementation and execution of works proposed under all the above mentioned activities.



Chapter-12

Other Site Specific Plans

1. Green Belt Plan of Chamera-III Project:

The GoI Stipulations, in some of the diversion cases of forest land for non-forestry purposes under Forest Conservation Act 1980 provide for the development of Green Belt to be implemented at the cost of user agencies. The Green Belt Plans contain provision for raising plantation, maintenance of plantations and soil & water conservation works etc. The funds realized from the User Agencies for the implementation of these plans have been deposited in the account of Ad-hoc CAMPA, GoI.

A provision of Rs. 0.002 Crore has been made under the scheme of Green Belt in the APO 2020-21 for the implementation of these stipulations and to execute the proposed works.

The activities proposed under this scheme are detailed as under: -

Sr. No.	Name of Component	Phy. Targets		Financial (In Lakhs)
1	Maintenance of old Plantation		Ha.	0.002
	Total			0.002



Chapter-13

Proposed Allotment of Funds for Site Specific Plans

The scheme-wise allotment of funds made in Part-2 of the APO for the implementation of site-specific schemes/ activities is given as under: -

Sr. No.	Name of Head/Sector	Amount (In Crores)
1	Compensatory Afforestation (CA)	25.00
2	Catchment Area Treatment Plans (CAT Plans)	26.00
3	Integrated Wildlife Management Plan	16.38
4	Others	
	4.1 Green Belt	0.002
Grand Total:		67.38

Annexures

The scheme-wise detailed APOs for 2022-23 are annexed as under: -

1. Compensatory Afforestation (CA)

The Division-wise and Area-wise detailed APO of Compensatory Afforestation for 2022-23, amounting to Rs. 25.00 crore, is appended as **Annexure –2A.**

2. Catchment Area Treatment Plans (CAT Plans)

The Division-wise, CAT Plan-wise and Area-wise detailed APO of CAT Plans for 2022-23, amounting to Rs. 26 crore, is appended as **Annexure – 2B.**

3. Integrated Wildlife Management Plans

The division-wise and area-wise detailed APO of Wildlife Management Plans of Conservation of Flora & Fauna in and around GHNP for 2022-23 and Protection Corpus Fund, amounting to Rs. 16.38 crores, is appended as **Annexure–2C.**

4. Others

1. Green Belt

The Division-wise and Area-wise detailed APO of Green Belt for 2022-23, amounting to Rs. 0.002 crore, is appended as **Annexure – 2D.**



PART-III
NON-SITE SPECIFIC SCHEMES/ACTIVITIES

Chapter-14

CAF Rules 2018

The Compensatory Afforestation Act (CAF) 2016, under section 6 (b), provides that the monies received towards the net present value and penal net present value shall be used for artificial regeneration (plantation), assisted natural regeneration, forest management, forest protection, forest and wildlife related infrastructure development, wildlife protection and management, supply of wood and other forest produce saving devices, and other allied activities in the manner as may be prescribed.

As per section 6 (C) of CAF, Act 2016 the interest accrued on funds available in State Fund and interest accrued on all monies collected by State Government, which has been placed under the ad hoc Authority and deposited in the nationalized banks, in compliance of directions of the Supreme Court dated 5th may, 2006, shall be used for conservation and development of forest and wildlife in the manner as may be prescribed.

6 (f) the non- recurring expenditure for the management of a State Authority including the salary and allowance payable to its officers and other employees may be met from a part of the interest accrued on the amount available in the State Fund, in the manner as may be prescribed

The CAF Rules 2018, notified by the Ministry of Environment, Forests & Climate Change, Government of India, under Rule 5(2), 5(3), 6(a) and 6(b) provide that: -

Rule 5 (2): Eighty percent of the net present value (NPV) shall, in a financial year, be used for following permissible activities for the forest and wildlife management in the State, namely:

- a) Assisted Natural Regeneration.
- b) Artificial Regeneration (By Plantations).
- c) Silvicultural Operations in Forests.
- d) Protection of Plantations and Forests.
- e) Pest and Disease Control in Forests.
- f) Forest Fire Prevention and Control Operations.
- g) Soil and Moisture Conservation Works in the Forests.
- h) Improvement of Wildlife Habitat as Prescribed in the Approved Wildlife Management Plans/ Working Plans.
- i) Relocation of Villages from Protected Areas.
- j) Planting and Rejuvenation of Forest Cover on NFL falling in Wildlife Corridors.



- k) Establishment, Operation and Maintenance of Animal Rescue Centers, and Veterinary Treatment Facilities for Wild Animals.
- l) Supply of Wood and Other Forest Produce Saving Devices as specified by the National Authority from time to time.

Rule 5(3): Twenty percent of the net present value (NPV) shall, in a financial year, be utilised for strengthening of the forest and wildlife related infrastructure, capacity building of the personnel involved in utilization of State fund namely:

- a) Establishment, upgradation & maintenance of modern nurseries and other planting stock production facilities for production of quality planting materials.
- b) Purchase and maintenance of equipment or devices used for communication and information technology, for the purpose of protection of forests and wildlife.
- c) Construction, upgradation and maintenance of inspection paths, forest roads in forest areas, fire lines, watch towers, check posts, timber depots.
- d) Construction of residential and official buildings in forests for frontline staffs deployed for protection of forests and wildlife.
- e) Engagement of local people or labours to assist regular staff of state Forest Department for protection of forests and wildlife undertaken from state fund.
- f) Survey and mapping of forest areas for compensatory afforestation works, soil and moisture conservation, catchment area treatment and wildlife management for preparing annual plans to be executed from the state fund.
- g) Independent concurrent monitoring and evaluation and including third party monitoring of works undertaken from state fund.
- h) Awareness for forestry and allied activities undertaken from the state fund.
- i) Distribution of planting stock for promotion of trees outside forests on government land promoted by State Govt.
- j) Forest certification and development of certification standard

Rule 6(b): not less than sixty percent of interest transferred to State Fund and further accrued on the amount available in the State Fund referred to in sub- rule (1) shall be spent on activities for the purpose of conservation and development of forest and wildlife namely:

-

- i) To offset the incremental cost of compensatory afforestation, penal compensatory afforestation at the wage rates;
- ii) To offset the incremental cost of catchment area treatment plan at the increased rate of wages;
- iii) To offset the incremental cost of wildlife management plan at the increased wage rates;
- iv) For distribution of salary and allowance of members and staffs, both regular and contractual, of the State Authority;



- v) For distribution of sitting fees and allowances to nominated members of the State Authority;
- vi) Activities referred to in sub-rules (2) and (3) of rule 5;

Rule 6(b): not more than forty per cent of interest transferred to the State Fund and further accrued on the amount available in the State Fund shall be spent for the non- recurring and recurring expenditure of State Authority, namely: -

- i) Management of office establishment;
- ii) Office equipment including computers and peripherals and its maintenance for the State Authority;
- iii) Hiring of staff cars for the use of the officers and officials of the State authority;
- iv) Hiring of buildings on lease for the office establishment and residences of the officers of State Authority;
- v) Other contingences for the management of State Authority, with the approval of the steering committee of State Authority;
- vi) Any other activity for the management of the forest and wildlife not referred to in sub-rule (2) and (3) with the prior approval of the steering committee of the State authority and included in the annual plan of operation.

In accordance with the provisions of CAF Rules, the proposals for the implementation of non-site-specific scheme of Net Present Value (NPV) and Interest income of State Fund are submitted under the chapter 15 & chapter 16 of this document.



Chapter-15

Non Site Specific Plan of Net Present Value (NPV)

The scheme/ sector of Net Present Value (NPV) constitutes as one of the major schemes of the HP State authority. The CAF Rules provide for utilising the NPV for undertaking the permissible activities prescribed separately for eighty percent (80%) share and twenty percent (20%) share of NPV funds. The detail of components incorporated in the NPV APO for 2022-23, in view of these provisions, for utilising 80% and 20% of NPV funds is given as under: -

I. Components under 80% share of NPV Funds

1. Artificial Regeneration (By Plantations).
2. Protection of Plantations and Forests.
3. Subsidiary Silvicultural Operations.
4. Soil and Moisture Conservation Works.
5. Energy Saving Measures.
6. Management of Biological diversity & Resources.

II. Components under 20% share of NPV Funds

1. Forest Infrastructure Development (FID).
2. Publicity and Awareness Programme/ Capacity Building.
3. Survey & Mapping of Forest Areas for Preparing Plans.

The component-wise and activity-wise details of physical and financial targets proposed under the scheme of NPV in the APO for undertaking and executing during the current year are detailed here as under: -

I. COMPONENTS OF 80% SHARE OF NPV FUNDS

1. Artificial Regeneration

1.1 Artificial Regeneration (By Plantations)

Under the component of Artificial Regeneration (by Plantation), the plantation works are to be undertaken. The activities proposed for undertaking the plantation works under this component of the APO of current year are as under:-

- Planting in Lantana Cleared Areas.
- Replenishment and Enhancement of Forest Cover (REFC).



Planting in Lantana Cleared Areas:

As already mentioned in the component of Assisted Natural Regeneration above, the activity of “Rehabilitation of Forest Areas Infested with Invasive Alien Species” introduced for clearing of forest areas infested with *Lantana*, provides for planting in those cleared areas which has thin canopy density and actually require rehabilitation by planting besides maintenance of forest areas taken up during previous years. The areas taken up for planting are provided maintenance for three successive years. In the APO of current year, planting of Tall plants over 586 ha. has been proposed.

A provision of Rs. 5.15 crore has been made under the activity of Plantation in Lantana Cleared Areas of NPV scheme of the APO to meet the requirement of plantations and maintenance of old areas.

Replenishment and Enhancement of Forest Cover (REFC)

The activity of ‘Replenishment and Enhancement of Forest Cover’ has been introduced for funding under NPV; with a view to take up open forest areas for afforestation and to replenish the areas with thin canopy density. It also provides for taking up plantation in smaller patches for gap-filling in the forests.

Under this activity, 268 hectare forest area has been proposed for undertaking plantations out of which 200 Ha. plantations done through ETF besides maintenance of old plantations over 516.90 hectare areas during the current financial year.

Under this activity, **a provision of Rs. 7.53 crore has been made** to meet the requirement of plantations and maintenance of old areas.

Nursery

The activity of Nursery has been introduced under the component of Artificial Regeneration (By Plantations) of NPV scheme of the APO for raising of adequate nursery stock in the nurseries for undertaking plantations. **A provision of Rs. 9.00 Crore has been made** under the activity of Nursery of the APO of current year to meet the requirement of raising of plants in nurseries.

The activity-wise details of physical and financial targets proposed under the component of Artificial Regeneration (By Plantations) are tabulated as under:-

Sr. No.	Name of Activity	Name of Work	Phy. Targets		Amount (Rs. in crore)
1	Planting in Lantana Cleared Areas	Plantations	586	Ha.	4.58
		Maint. of old plantations	4970	Ha.	0.57
Total:					5.15



2	Replenish. & Enhancement of Forest Cover (REFC)	Plantations	268	Ha.	7.38
		Maint. of old plantations	458.5	Ha.	0.15
Total:					7.53
4	Nursery	Raising of Plants in Nurseries	0	No	9.00
		Total:			
Total Artificial Regeneration					21.68

2. Subsidiary Silviculture Operations

The component and activity of Subsidiary Silviculture Operations has been introduced for undertaking silvicultural operations in the forest areas. **A Provision of Rs. 3.63 crore has been proposed** in the APO of current year for undertaking the silvicultural operations in the forests.

The details of physical and financial targets proposed under this activity of the APO are as under:-

Sr. No.	Name of Activity	Phy. Targets		Amount (In Crore)
1	Subsidiary silvicultural operations	1076	Ha.	3.63
Total:				3.63

3. Protection of Plantations and Forests

For proper management and protection of forests in the State of Himachal Pradesh, following activities have been proposed for undertaking during the current year under the component of Protection of Plantations and Forests of NPV scheme of the APO for 2022-23:-

- Construction of Boundary Pillars.
- Fencing of Forest Areas.
- Rehabilitation of Encroachment Cleared Areas.
- Strengthening of Forest Protection Network.
- Removal of Lantana by CRS Method

A financial provision of Rs. 16.38 crore has been made under the component of Protection of Plantations and Forests of the sector of NPV of APO 2022-23

Construction of Boundary Pillars

For proper management and identification of forest areas, the activity of Construction of Boundary Pillars has been proposed in the APO to construct and erect boundary pillars after proper demarcation of forest areas. **A provision of Rs. 1.57 crore has been made** under this activity in the APO of current year.



Fencing of Forest Areas

With a view to provide protection to the forest areas, **an amount of Rs. 0.22 crore has been proposed** for providing fencing to the vulnerable forest areas during the current year.

Strengthening of Forest Protection Network

For better management and protection of forests and plantations, it becomes necessary to strengthen the protection network. The activity of Strengthening of Forest Protection Network has been introduced in the APO so that the protection network can be strengthened. Under this activity forest check posts are proposed for strengthening.

There are some forest divisions which are sharing borders with neighboring States and require strict vigil over illicit felling/smuggling of forest produce in these sensitive divisions. Therefore, frontline staff needs to be strengthening by providing them patrolling vehicle. In this, year's APO a provision of Rs. 4.87 crore has been made for hiring of patrolling vehicles in sensitive bordering divisions. **A Provision of Rs. 4.87 crore has been made** in the APO of current year for strengthening the protection network.

Rehabilitation of Encroachment Cleared Areas

The State Forest Department has started a drive for the eviction of encroached forest areas in compliance to the orders of Hon'ble High Court of Himachal Pradesh. The activity of Rehabilitation of Encroachment Cleared Areas has been introduced with a view to rehabilitate the areas evicted from encroachers and to develop these forest areas as plantations and/ or natural forests. **An amount of Rs. .86 crore has been proposed** in the APO of current year to rehabilitate the encroachment cleared areas.

Removal of Lantana by CRS Method:

In the state of Himachal Pradesh, large chunks in the forests falling in the Districts of Bilaspur, Hamirpur, Kangra, Sirmour, Solan & Una are infested with invasive alien species, particularly *Lantana*, up to the extent of 100% and whereas in the districts of Chamba, Mandi and Shimla, the areas are infested partly. To clear and rehabilitate forest areas infested with invasive alien species, *Lantana* in particular, and to promote natural regeneration, to increase the availability of fodder and to rehabilitate such forest areas ecologically by promoting the growth of native species of herbs and shrubs; an activity – “Rehabilitation of Forest Areas Infested with Invasive Alien Species” has been introduced under this component. This activity provides for clearing of forest areas infested with *Lantana*, planting in those cleared areas which have thin canopy density and actually



require rehabilitation by planting besides maintenance of forest areas taken up during previous years. From the year 2017-18 onwards, the planting of tall plants is being promoted and taken up in all lantana eradicated areas fit for plantation for fast suppression of this weed and for quick rehabilitation. The areas taken up for clearing and planting are provided maintenance for three successive years. Upto 31.03.2022 total 49561 hectare lantana infested forest areas in the State have been taken up for their clearing under this scheme of NPV of State fund.

During the year 2022-23, 1200 hectare lantana infested forest areas have been proposed for undertaking the work of clearing and 6239 ha will be taken for maintenance of lantana cleared areas and a provision of Rs. 5.06 Cr and Rs.3.80 Cr has been made in this APO respectively. In addition, planting over 754 hectare has been proposed in those forest areas which were undertaken for clearing during previous years and have thin canopy density and are fit for plantation. The proposals of plantations in lantana cleared areas are, however, being included and projected in the component of “Artificial regeneration (By Plantations)”.

A financial provision of Rs. 8.86 crore has been made under the component of Protection of Plantations and Forests of the sector of NPV of APO 2022-23 to undertake the works of clearing of infested areas in the APO and to achieve the targets during the current year.

The details of activity-wise targets proposed under this component are as under:-

Sr. No.	Name of Activity	Phy. Targets		Amount (In crore)
i	Clearing of Infested Areas	1200	Ha.	5.06
ii	Maintenance of Cleared Areas	6239	Ha.	3.80
Total:		7439	Ha	8.86

The activity-wise details of targets proposed under the component of Protection of Plantations and Forests of NPV scheme of the APO are as under:-

Sr. No.	Name of Activity	Phy. Targets		Amount (In crore)
1	Construction of Boundary Pillars	1343	No.	1.57
2	Fencing of Forest Areas	821	Kms	0.22
3	Rehabilitation of Encroachment Cleared Areas	2732	Ha.	0.86
4	Strengthening of Forest Protection Network	12	No.	4.87
5	Lantana removal by CRS method and maintenance	1200	Ha	8.86
Total:				16.38



4. Forest Fire Prevention and Control Operations

A lot of precious forest wealth is lost every year in the fire incidents in the forest areas which causes huge loss to the flora and fauna and also impacts the environment. The activity of Forest Fire Prevention and Control Operations has been introduced for undertaking measures for the prevention and control of fire incidents in the forest areas. **An Amount of Rs. 7.00 Crore has been proposed** in the APO of current year for undertaking the forest fire prevention and control measures.

The details of physical and financial targets proposed under this activity of the APO are as under:-

Sr. No.	Name of Activity	Phy. Targets	Amount (In Crore)
1	Forest Fire Prevention and Control Operations	LS	7.00
Total:			7.00

5. Soil & Moisture Conservation Works

Under the component of Soil & Moisture Conservation Works, attention is paid for undertaking the activities of soil and moisture conservation namely; rain water harvesting, development and maintenance of natural water sources, development of ponds/ water and snow harvesting structures, integrated development of catchments and soil conservation works.

Under the component of Soil and Moisture Conservation of NPV scheme of the APO, following activities have been introduced and incorporated for funding and undertaking the works during the current financial year: -

- Development and Maintenance of Roof Rain Water Harvesting Structures in Forest Buildings
- Development and Maintenance of Natural Springs in Forest Areas
- Development Ponds/Water and Snow Harvesting Structures.
- Soil Conservation Works.
- Development of degraded Forest Areas

Development of Ponds/Trenches/ Water Harvesting Structures

The activity of Development of Ponds/ Water and Snow Harvesting Structures has been incorporated for the conservation and preservation of water as also to increase moisture regime in the forest areas. **An amount of Rs. 33.26 Crore has been proposed** in the APO of current year for the development of ponds/ water and snow harvesting structures in the forest areas.



Soil Conservation Works

The activity of Soil Conservation Works has been incorporated under NPV scheme of the APO for the conservation and preservation of soil and also to control landslide, landslips and soil erosion in the forest areas. **A provision of Rs. 12.12 crore has been made** under the activity of soil conservation works to undertake the proposed works and achieve the targets during the current financial year.

Development of Degraded Forest Areas:

The forest areas which are degraded or dumping sites which are fragile in nature and need immediate treatment are undertaken in this activity for the creation of Ecological Parks (Eco parks) with objectives to educate and spread awareness among the people about conservation and protection of flora and fauna; and to minimize the adverse effect of diversion of forest land for non-forestry purpose in that vicinity. Under this activity provision for maintenance of plantation has also been made which was carried out during 2022-23 in degraded forest areas to commemorate Golden Jubilee of Statehood.

A provision of Rs. 5.00 crores has been made under the activity to undertake the proposed works and achieve the targets during the current financial year.

The activity-wise details of targets proposed under the component of Soil and Moisture Conservation Works of NPV scheme of the APO are as under: -

Sr. No.	Name of Activity	Phy. Targets		Amount (In Crore)
1	Dev. and Maint. of RRWH Structures in Forest Buildings	114	No.	1.49
2	Dev. and Maint. of Natural Springs in Forest Areas	84	No.	1.19
3	Dev. of Ponds/ Water Harvesting Structures	150	No.	33.26
4	Soil Conservation Works	7043	No.	12.12
5	Development of Degraded Forest Areas			5.0
		Total:		53.06

6. Energy Saving Measures

The component and activity of Energy Saving Measures has been incorporated under NPV scheme of the APO for providing alternate source of energy and to reduce pressure on the forests. **A provision of Rs. 1.86 crores has been made** under the activity of energy saving measures for undertaking the proposed works mainly construction of energy efficient Crematorium and to achieve the targets during the current year.



7. Management of Biological Diversity and Resources

The population of monkeys in Himachal Pradesh has increased manifold. Consequently, the incidents of man-wildlife conflicts have also increased considerably. The monkeys have shifted from the forest areas to the nearby villages/towns and are causing heavy loss to the crops, vegetables, horticulture etc. besides attacking & biting the human beings in a number of cases.

With a view to control the monkey menace, the Government of Himachal Pradesh has introduced monkey sterilization programme in the State. This programme includes the activities of development & creation of Monkey Sterilisation Centers and capturing & sterilizing of monkeys. To achieve the objectives of the monkey sterilisation program, the activity of Human Wildlife Conflict Management has been introduced under the component of bio-diversity management and protection of NPV scheme of the APO.

In addition to above, the activity of Wildlife Conservation and Protection has also been incorporated under this component of NPV scheme for undertaking the works of the conservation and protection of the wildlife.

To meet the financial requirement for implementing the above mentioned activities, **an amount of Rs. 3.60 Crores has been proposed in the APO for the execution of these activities during the current year.**

The activity-wise proposals under this component are as under: -

Sr. No.	Name of Activity	Phy. Targets		Amount (Rs. in Crore)
		Ls	No.	
1	Management of Biological Diversity and Resources	Ls	No.	0.28
2	Human Wildlife Conflict Management	12005	No.	3.05
3	Wildlife Conservation and Protection	Ls		0.27
Total:				3.60

8. Treatment of degraded forest watersheds as per DPR prepared by using LiDAR Technology

The Ministry of Environment Forest & Climate Change (MoEF & CC), Government of India has selected one pilot division in every State for preparation of a DPR for treatment of watershed area using LiDAR technology. Changar area of district Kangra (Dharamshala & Palampur Forest Divisions) has been selected in the State of Himachal Pradesh. **A provision of Rs. 4.00 crore has been kept for under taking activities during current year as per DPR being prepared by using LiDAR technology.**



II. COMPONENTS OF 20% SHARE OF NPV FUNDS

1. Forest Infrastructure Development (FID)

Following activities have been incorporated under the component of Forest Infrastructure Development of NPV scheme of the APO: -

- Residential and Office Buildings of Field Staff.
- Construction, Upgradation and Maintenance of Forest Road, Paths, Fire Lines, Watch Towers, Check Posts, Timber Depots.

Residential and Office Buildings of Field Staff

The Forest Guards, Deputy Rangers and Forest Rangers of Himachal Pradesh Forest Department play active role in conservation and protection of forests; raising and maintenance of plantations and also perform the duties of protection of forests. They need proper housing to reside while shouldering their responsibilities day and night. In addition to this the maintenance of 300 no. of Transit camp houses / out house.

Therefore, the HP State Authority has proposed funds for the construction of new office and residential buildings for these categories of field staff and also to develop and maintain their buildings to make them living worthy for which funds are not available in the regular budgetary schemes of the state Forest Department. The activity of residential and office buildings of field staff has been introduced to provide better office and residential buildings to the frontline field staff of the State Forest Department involved in the conservation and protection of forests and wildlife.

A provision of Rs. 14.93 Crores has been made under this activity of NPV scheme of the APO for the current year.

Construction, Upgradation and Maintenance of Forest Road, Paths, Fire Lines, Watch Towers, Check Posts, Timber Depots

The Forest Road, Paths, Fire Lines, Watch Towers, and Check Posts act as life lines for the management and protection of forests and wildlife. These assets need regular upgradation and maintenance. This activity under NPV scheme of the APO has, therefore, been introduced to provide funds for the construction, upgradation and maintenance of forest roads, inspection paths, fire lines, watch towers and check posts etc.

An amount of Rs. 3.71 Crores has been proposed in the APO of current year for undertaking this activity during the current year.



The activity-wise details of physical and financial targets proposed under the component of Forest Infrastructure Development are tabulated as under:-

Sr. No.	Name of Activity	Phy. Targets		Amount (In Crore)
1	Residential and Office Buildings of Field Staff	348	No.	14.93
2	Construction, Upgradation and Maintenance of Forest Road, Paths, Fire Lines, Watch Towers, Check Posts	1454.92	No./ Rmt./ Km	3.72
Total:				18.65

2. Establishment, Upgradation and Maintenance of Modern Nurseries

A provision of Rs. 1.84 Crores has been made under this activity of NPV scheme for the upgradation of existing Nurseries.

3. Publicity and Awareness Programme/ Capacity Building

The component of Publicity & Awareness/ Capacity Building has been incorporated under the NPV scheme of APO for creating awareness of forestry and allied activities among masses and also to give vast publicity to forestry schemes and programmes being implemented in the State.

Under Capacity building training of frontline staff of State department on various forestry issues like fire management, wildlife conservation and issues, IT/GPS handling, legal issues in forestry and human resources development etc. are included for efficient discharge of duty in protection and conservation of forest by frontline staff.

Therefore, the HP State Authority has also proposed funds in the current year APO for the Forest Training Institutes to conduct trainings for frontline staff of State Forest department.

A provision of Rs. 1.00 Crores has been made under this activity of NPV scheme of the APO for the current year.

4. Survey and Mapping of Forest Areas for Preparing Plans

The component and activity of Survey & Mapping of Forest Areas for Preparing Plans has been incorporated under the NPV scheme of APO for undertaking proper survey and mapping of forest areas for preparing annual plan of operations.



A provision of Rs 4.12 Crores has been made under this activity of NPV scheme of the APO for undertaking the works of survey and mapping of forest areas during the current year and to prepare base line data and tracking the changes taking place in the forest resources through IT enabled services and for purchase of 7 no. Drone.

III. Total Outlay of NPV Scheme

A total provision of Rs. 145.56 crore has been made under NPV scheme of the APO for 2019-20 taking all the above mentioned components and activities altogether.

The component-wise detail of outlay under NPV scheme of the APO is tabulated as under:-

Sr. No.	Name of Component	Outlay (In Crore)
I	Components under 80% Share of NPV Funds:	
1	Assisted Natural Regeneration	0
2	Artificial Regeneration (By Plantations)	12.69
3	Nursery	9.00
4	Subsidiary Silviculture Operations	3.63
5	Protection of Plantations and Forests	16.38
6	Pest and Disease Control in Forests	0.25
7	Forest and Fire Prevention and Control Operations	7.00
8	Soil and Moisture Conservation Works	53.07
9	Improvement of Wildlife Habitat	0.38
10	Animal Rescue Centers and Veterinary Treatment Facilities for Wild Life Corridors	4.61
11	Energy Saving Measures	1.86
12	Management of Biological Diversity and Resources	3.60
13	Treatment of degraded forest watersheds as per DPF prepared by using LiDAR Technology	4.00
	Total	116.47
II	Components under 20% Share of NPV Funds:	
13	Establishment, Upgradation and Maintenance of Modern Nurseries	1.84
14	Conservation, Suitable Use and Documentation of Biological Diversity	0.01
15	Information Technology and Communication	0.47
16	Forest Infrastructure Development	18.65
17	Survey and Mapping of Forest Areas	4.12
18	Monitoring & Evaluation	3.00
19	Publicity and Awareness Programme/ Capacity Building	1.00
	Total	29.09
	Grand Total	145.56

The division-wise and area-wise detailed APO under NPV scheme of the APO for the year 2021-22 is appended as Annexure –2E.

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Chapter- 16

Non Site Specific Plan of Interest part of State Fund

The CAF Rules provide for utilising the interest accrued on State Fund for undertaking the permissible activities prescribed separately for sixty percent (60%) share and forty percent (40%) share of interest. The detail of components incorporated in the Interest APO for 2022-23, in view of these provisions, for utilising 60% and 40% of interest fund is given as under: -

I. Components under 60% share of Interest Funds

1. Salary and allowances for State Authority regular and contractual staff
2. Sitting fees and allowances to nominated members of the State Authority

II. Components under 40% share of Interest Funds

1. Management of office establishment, office equipment including computers and peripherals and its maintenance
2. Hiring of Staff vehicle for use of officers and officials of State Authority
3. Hiring of office building of State Authority on lease

III. Total Outlay of Interest Fund

A total provision of Rs. Rs. 3.00 crore has been made under interest income of State Fund for the APO for 2022-23 taking all the above mentioned components and activities altogether.

The component-wise detail of outlay under Interest of the APO is tabulated as under: -

Sr. No.	Name of Activity	Amount	Remarks
1	Activity under 60%		
1	for disbursement of salary and allowances of members and staffs, other regular and contractual, of the State Authority;	17000000	Rule 6 (a) (iv)
2	for disbursement of sitting fees and allowances to nominated members of State Authority;	1000000	Rule 6 (a) (v)
	Total	18000000	
2	Activity under 40%		
1	management of office establishment;	4500000	Rule 6 (b)(i)
2	hiring of staff cars for the use of the officers and officials of the State Authority;	2500000	Rule 6 (b)(iii)
3	hiring of buildings on lease for the office establishment and residences of the officers of the State Authority;	4000000	Rule 6 (b)(iv)
4	office equipment including computers and peripherals and its maintenance for the State authority;	1000000	Rule 6 (b)(ii)
	Total	12000000	
	G. Total	30000000	

The component-wise detailed APO under interest of the State Fund for the year 2021-22 is appended as Annexure – 2F.



PART-IV

Measurable output of Physical Activities

Chapter-17

Physical and Financial Targets of Activities

The Annual Plan of Operations for the year 2022-23 consists of Plantation, Wildlife Management, Forest Protection and Conservation, Soil Conservation works and Nursery raising along with infrastructure development and other ancillary works as per rules of CAF, 2018.

Plantation: Plantation is carried out under Compensatory Afforestation, Catchment Treatment Plan and Net Present Value sectors. Total 2462 ha of new plantation are proposed to be raised during 2022-23 to increase forest cover and to achieve committed Sustainable Development Goals of the State in time bound manner.

The sector wise breakup is as under:

Sr. No	Name of Sector	Area (ha.)
1.	Plantation under Compensatory Afforestation Schemes	973
2.	Plantation under Catchment Area Treatment Plans	635
3.	Plantation under Net Present Value	854
	Total	2462

Soil & Moisture Conservation Works: Major emphasis is on water harvesting, enhancing soil moisture, recharge ground water, and prevent loss of fertile top soil through run off by carrying out various soil and water conservation activities. Under this activity total provision of Rs. 53.06 crore has been made in the proposed NPV and Rs. 9.05 crore in Catchment Treatment Plan for the year 2022-23.

The Ministry of Environment Forest & Climate Change (MoEF & CC), Government of India has selected one pilot division in every State for preparation of a DPR for treatment of watershed area using LiDAR technology. A provision of Rs. 4 crore has been kept for under taking activities during current year as per DPR being prepared by using LiDAR technology.

Management of Biological Diversity and Resources: Provision of Rs. 3.60 crore has been made to capture/transportation of monkeys to carry out sterilisation to contain population explosion of simians to combat monkey menace in the State.



Nursery: Total 18 lakh seedlings will be raised during the year under CA 1070300 seedlings under CAT Plan 444500 seedling, and under NPV sector 294800 seedling will be raised. Out 18 lakh seedlings 149100 seedlings will be raised as tall plants.

Removal of Lantatna from forest: Large chunks of forests in the State are infested with invasive alien species particularly lantana. The HP State Authority has taken up the scheme to clear and rehabilitate the lantana infested areas to increase the availability of fodder and eco rehabilitation of such forest areas by promoting the growth of native species of herbs, shrubs and trees. Total 1200 hectare lantana infested areas have been proposed for clearing /eradication and 586 ha of area where lantana was removed in previous years will be planted with tall plants, to rehabilitate the area and contain the spread of the weed under NPV sector.

The Physical and financial targets of each activity to be undertaken in measurable quantity along with the estimated cost provided in part II & part III is tabulated as under:-

Sr. No	Name of Activity	Targets		Financial (Cr)
		Phy	Unit	
1	Plantations	2462	Ha	22.14
3	Soil Conservation works	120588	Number	62.11
4	Removal of Lantatna from forest	1200	Ha	8.86
6	Treatment of degraded watershed (LiDAR Survey)	LS	Ha	4.00
7	Management of Biological Diversity and Resources	11000	Number	1.10



Chapter-18

Measurable output of Physical activities

The activities mentioned in the proposed APO will be done during the financial year 2022-23 as per the schedule prescribed under the Calendar of Activities specific to every Circle in the State. However, implementation of works may be influenced by abiotic and biotic factors like; microclimate, availability of casual labour, procedural delay and other field conditions.

The measurable output of all physical activities to be undertaken along with the period required for achieving the measurable output is tabulated as below:

Sr. No	Name of Activity	Measurable Output	Unit (Ha/No)	Period required to achieve measurable output	Remarks
1	Plantations	2242	Ha	One Financial Year	Monsoon and Winter Season Plantation
3	Soil Conservation works	175687	Number	One Financial Year	Year long activity
4	Removal of Lantatna from forest	1200	Ha	One Finacial Year	Year long activity
7	Management of Biological Diversity and Resources	11000	Number	One Financial Year	Year long activity



Chapter-19

Third Party Monitoring and Evaluation Report

The Himachal Pradesh Forest department has put into practice a revamped and effective Monitoring and Evaluation system in place for monitoring of all important activities of the department. A three tier monitoring and evaluation structure has been devised by the department as below: -

First-tier monitoring involves in-house checking of forests and to review the completeness and quality of various forestry works by all levels of field officers. Norms for Mandatory Field Inspection as well as touring have been fixed.

Second-tier monitoring involves independent monitoring of all types of departmental works selected through random sampling by M&E Wing of the department, headed by an officer of the rank of CCF. Senior Forest Officers forming part of the Forest Headquarters located at Shimla and outside Shimla are also involved in the second-tier monitoring and evaluation of field works in order to use their experience in improving the implementation of field works.

The Third-tier monitoring involves independent monitoring of all departmental works by independent monitors from outside the organization.

The third party monitoring and evaluation of the plantations raised from CAMPA funds during the years 2014-15 and 2015-16 was got conducted in 39 forest divisions by Himalayan Forest Research Institute as per standard methodology. The primary objective of this assignment was to provide information to H.P. State CAMPA on the quality and impact of plantations done under various schemes of CAMPA. Himachal Pradesh Forest Department will utilize the output of monitoring & evaluation to evaluate the success and impact of the plantations done under CAMPA so far.

In the state of Himachal Pradesh, total plantation area during 2014-15 funded from CAMPA under various schemes and the area evaluated is as given in Table-1 below:

Table-1

Schemes	2014-15			2015-16		
	Total Area (ha)	Area taken for evaluation (ha)	Percentage of area covered in evaluation	Total Area (ha)	Area taken for evaluation (ha)	Percentage of area covered in evaluation
CA	3240.49	2069.58	63.86%	1930.05	1209.51	62.66%
CAT PLAN	1876.10	712.00	37.95%	1986.00	607.00	30.56%
NPV	359.00	246.00	68.52%	558.00	371.00	66.48%
S&WC	15.00	5.00	33.33%	5.00	5.00	100%
Total	5490.59	3032.58	55.23%	4479.05	2192.51	52.41%

Total number of plantation sites in the entire State during 2014-15 and 2015-16 and the number of sites which were taken for evaluation are depicted in Table-2 below:



Table-2

Scheme	2014-15			2015-16		
	Total Sites	Number of Sites taken for evaluation	Percentage of Sites covered in evaluation	Total Sites	Number of Sites taken for evaluation	Percentage of Sites covered in evaluation
CA	201	122	60.69%	144	91	63.19%
CAT PLAN	227	97	42.73%	199	85	40.47%
NPV	43	32	74.41%	51	33	64.70%
S&WC	02	01	50.00%	01	01	100.00%
Total	473	252	53.27%	395	210	45.45%

Stratified Multi-Stage Random Sampling Methodology was used to carry out the studies separately year wise for plantations raised under Compensatory Afforestation, CAT Plan, NPV plantations and Soil & Water Conservation Plantations. The plantation sites were selected randomly by using simple random sampling with the help of computer generated random table numbers and all the forest blocks were covered where plantations have been done. Sampling intensity of minimum 30% of plantation sites by number and 25% by total area of plantations of a particular year was adopted.

In 5% of the plantations raised in various schemes, 100% physical verification with respect to number of plants planted and survival was also done. During 2014-15 total 54 sites under various schemes having area of 367.68 ha and during 2015-16 total 50 sites having area of 371.0 ha were evaluated through 100% physical verification.

The detail of these sites taken for 100% physical verification and the comparison of results with sampling data is detailed in Table 3 below:

Table-3

2014-15						
Scheme	Total Sites	Total Area (ha)	Number of sites taken for 100% verification	Area of sites taken for 100% verification (ha)	Average Survival Per cent in sites taken for 100% Verification	Average Survival Per cent in sites Evaluated by Sampling
CA	201	3240.49	26	217.68	46.88	47.74
CAT PLAN	227	1876.10	19	94.00	50.07	46.17
NPV	43	359.00	08	51.00	34.95	40.21
S&WC	02	15.00	01	5.00	73.05	-
Total	473	5490.59	54	367.68	--	--
2015-16						
CA	144	1930.05	26	217.10	47.25	49.68
CAT PLAN	199	1986.00	16	63.90	51.40	51.88
NPV	51	558.00	07	45.00	41.27	48.83
S&WC	01	5.00	01	45.00	62.64	-



Total	395	4479.05	50	371.00	--	--
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The sample plots of size 0.1 ha were laid out in the selected plantation site. Within the enumeration site, girth/ diameter (at breast/ collar height) were measured for all the plants. The sample plant within each girth/ diameter class was measured for height subject to a minimum of 10 plants under each species. GPS Coordinates of the study sites/ locations were also recorded for authentication of the study. The data collected from the field was statistically analyzed for descriptive statistics and other parameters by following standard methodology. Based on the plot data, plant growth (average height & diameter) and survival percentage was estimated for the plantations.

The selected plantation areas were examined for area accuracy with the help of GPS by way of traversing around the boundary of the plantations. The shape files of the sample plantations were also prepared for geo-reference parameters.

Suitability of species selected for plantation viz-a-viz area selected for plantation and objectives of the plantation scheme was also assessed on the basis of documents supplied and visiting the plantation sites. The condition and quality of fencing erected for the plantation was assessed with respect to type of fence posts used and number of strands of the fencing etc. The views of the people living in the vicinity of the plantation were taken through personal interview in open ended pre-structured questionnaires in order to assess the impact of plantations on their quality of life and livelihoods. The survival percentage of plants in all the Forest Divisions as well as for the entire State was classified into following categories:

S. No.	Category	Survival Per cent
1.	Below Average	0-30
2.	Average	31-50
3.	Good	51-70
4.	Very Good	71-100

Weighted average survival percentage was also calculated for all the Forest Divisions and has been described for lower zone, higher zone and cumulatively for the entire State for every component of plantations for each year.

Survival and Growth Performance

A]. Lower Altitude Areas

In the lower altitude areas i.e. Forest Divisions of Bilaspur, Hamirpur and Nahan Forest Circles, the position of plantations under different survival categories is as under:



Table-4

PERCENTAGE OF SITES UNDER DIFFERENT SURVIVAL CATEGORY									
Year of Plantation	Total Sites Sampled	0-30% (Below Average)		31-50% (Average)		51-70% (Good)		71-100% (Very Good)	
		No.	% age of total sites	No.	% age of total sites	No.	% age of total sites	No.	% age of total sites
A]. Compensatory Afforestation									
2014-15	28	2	7.14%	15	53.57%	11	39.29%	-	NA
2015-16	25	1	4.00%	12	48.00%	12	48.00%	-	NA
B]. CAT PLAN									
2014-15	2	-	NA	2	100%	-	NA	-	NA
2015-16	3	-	NA	2	66.67%	1	33.33%	-	NA
C]. NPV									
2014-15	15	7	46.67%	1	6.67%	7	46.67%	-	NA
2015-16	15	5	33.33%	2	13.33%	8	53.33%	-	NA
D]. S&WC									
2014-15	1	-	NA	-	NA	-	NA	1	100%
2015-16	1	-	NA	-	NA	1	100%	-	NA

In the lower altitude areas, weighted average survival per cent during the year 2014-15 and 2015-16 was as under:

Table-5

Sl. No.	Name of Scheme	Weighted Average Survival (%)	
		2014-15	2015-16
1.	Compensatory Afforestation	47.39	48.18
2.	CAT PLAN	42.35	48.17
3.	NPV	29.54	40.66
4.	Soil & Water Conservation	73.05	62.64

Reasons for Low Plant Survival Per cent

The low survival percentage in some of the sites was due to damage caused by fire, wild animals, monkeys and grazing. The land which are generally available for plantations are mostly refractory sites and less fertile. The better and fertile areas are used either for growing the agriculture or the horticulture crops or have already been used for carrying out plantations in the past. Plantations carried out by forest department are completely dependent on rainfall. The survival percentage is affected due to dry season, low rainfall



and erratic pattern of the rainfall during monsoon and winter season. In some plantation sites heavy infestation of *Lantana camara* and other bushes & weeds also affects the growth and survival of the planted species. The factors like steep slope, shallow soil depth, low moisture retention capacity and use of naked root plants for plantations also responsible for mortality of plants and thereby, contributed towards low to moderate survival.

B]. Higher Altitude Areas

In the higher altitude areas i.e. Forest Divisions of Shimla, Kullu, Chamba, Rampur, Dharamshala, Wildlife Shimla, Wildlife Dharamshala Circles and GHNP the position of plantations under different survival categories is as under:

Table-6

PERCENTAGE OF SITES UNDER DIFFERENT SURVIVAL CATEGORY									
Year of Plantation	Total Sites Sampled	0-30% (Below Average)		31-50% (Average)		51-70% (Good)		71-100% (Very Good)	
		No.	%age of total sites	No.	%age of total sites	No.	%age of total sites	No.	%age of total sites
A]. Compensatory Afforestation									
2014-15	94	23	24.47%	13	13.83%	38	40.43%	20	21.28%
2015-16	66	10	15.15%	14	21.21%	28	42.42%	14	21.21%
B]. CAT PLAN									
2014-15	95	19	20.00%	21	22.11%	41	43.16%	14	14.74%
2015-16	82	9	10.98%	13	15.85%	46	56.10%	14	17.07%
C]. NPV									
2014-15	17	5	29.41%	5	29.41%	4	23.53%	3	17.65%
2015-16	18	-	NA	4	22.22%	13	72.22%	1	5.56%

In the higher altitude areas, weighted average survival per cent for the year 2014-15 and 2015-16 was as under:

Table-7

Sl. No.	Name of Scheme	Weighted Average Survival (%)	
		2014-15	2015-16
1.	Compensatory Afforestation	47.00	51.77
2.	CAT PLAN	50.77	51.70
3.	NPV Plantation	28.28	44.52

In the plantation sites where grasses were planted under the scheme improvement of alpine pasture, the biomass of grasses inside the plantation area was more than that of outside the plantation area.



Reasons for Low Plant Survival Per cent

The low survival percentage in some of the sites was due to damage caused by snow, wild animal, grazing, monkeys, debris of road construction and fire incidences. Some of the plantation sites were fully burnt by forest fire having nil or very less survival. The less survival in some of the plantation sites was also due to the reason that land which are generally available for plantations are mostly refractory sites and less fertile. The better and fertile areas are mostly used either for growing the agriculture or the horticulture crops or have already been used for carrying out plantations in the past. Plantations carried out by forest department are completely dependent on rainfall. The survival percentage is affected due to dry season, low rainfall and erratic pattern of the rainfall during monsoon and winter season. In some plantation sites heavy infestation of bushes & weeds also affects the growth and survival of the planted species. The factors like steep slope, shallow soil depth and use of naked root plants for plantations also responsible for mortality of plants and thereby contributed towards low to moderate survival.

At the State level, details of sampled sites under different survival categories in various schemes is as under:

PERCENTAGE OF SITES UNDER DIFFERENT SURVIVAL CATEGORY									
Year of Plantation	Total Sites Sampled	0-30% (Below Average)		31-50% (Average)		51-70% (Good)		71-100% (Very Good)	
		No.	%age of total sites	No.	%age of total sites	No.	%age of total sites	No.	%age of total sites
A]. Compensatory Afforestation									
2014-15	122	25	20.49%	28	22.95%	49	40.16%	20	16.39%
2015-16	91	11	12.09%	26	28.57%	40	43.96%	14	15.38%
B]. CAT PLAN									
2014-15	97	19	19.59%	23	23.71 %	41	42.27%	14	14.43%
2015-16	85	09	10.59%	15	17.65%	47	55.29%	14	16.47%
C]. NPV									
2014-15	32	12	37.50%	06	18.75%	11	34.38%	03	9.38%
2015-16	33	05	15.15%	06	18.18%	21	63.64%	01	3.03%
D]. Soil and Water Conservation									
2014-15	1	-	NA	-	NA	-	NA	1	100%
2015-16	1	-	NA	-	NA	1	100%	-	NA

In the state level, weighted average survival per cent of the plantations raised under different schemes is as under:

Weighted average survival under various schemes in Himachal Pradesh

Sl. No.	Name of Scheme	Weighted Average Survival (%)	
		2014-15	2015-16
1.	Compensatory Afforestation	47.12	50.71



2.	CAT PLAN	50.35	51.48
3.	NPV	29.12	42.59
4.	Soil & Water Conservation	73.05	62.64

Selected plantation sites were examined for area accuracy with the help of GPS by way of traversing around the boundary of the plantation and area recorded for each plantation site. During the year 2014-15 area recorded for all the schemes for 164 (65.07%) plantation sites was more than the area given in the record (566.91 ha i.e. 28.51%). Whereas, for 88 (34.92%) sites area was less than the area given in the plantation journal (185.88 ha i.e. 17.13%). Similarly, during the year 2015-16 area recorded for 136 (64.76%) plantation sites was more than the area given in the record (413.0 ha i.e. 28.80%). Whereas, for 74 (35.22%) plantation sites area was less than the area given in the plantation journal (104.64 ha i.e. 13.80%). During the year 2014-15 and 2015-16 forest fire was reported in 33 and 21 plantation sites respectively.

There is no fixed criteria for acceptance of variation in area measurement. Usually, while taking the areas for the plantation activities, the field functionaries of the forest department make use of the means and tools which may have many limitations and not being able to calculate the exact area under the verticality of the hills and mountains. For instance, measurement of distance from plant to plant or row to row is extrapolated for calculation of the entire plantation area of the forest land. During the monitoring and evaluation process, the plantation areas were measured with the help of the modern tools/equipment e.g. Global Position System (GPS), which is based on the principle of the triangulation method of the area measurement and the areas were measured along outside of the periphery of the plantation / fencing. More importantly, the terrain of the hills and the topography encompasses the slopes and deep gorges making it infeasible to fence the plantation areas entirely and some portion is evidently left out which accounts for the less area measurement

by the GPS during the monitoring and the evaluation process. Apart from this, the undulating surfaces, steep slope and the rugged landscapes also accounts for the variation in the area.

The survival and growth performance of the plantation commensurate with the topography and site conditions in most of the sites. Mostly the sites selected for plantation was suitable for the species planted by the Department. In lower as well higher altitude, most of the plantation sites were well fenced; however, in some sites fencing was damaged, burnt by fire or partially erected. Some of the plantation sites were not fenced because they were falling in the Wildlife Sanctuary area and also there was no provision of fencing under NPV scheme. The plantation journals of most of the plantation sites were properly maintained by the Forest Department.



Socioeconomic Impacts

The main objective of carrying out the socio-economic survey was to assess the impact of the plantation for upliftment of the socio-economic status of the residents of adjoining villages. Accordingly, socio-economic survey of nearby villages of the plantation sites was carried out. The people of the surveyed villages were of the opinion that plantation activities will benefit the general public in the times to come. The plantation will definitely result in meeting out the requirements of the fuel, fodder, timber and will also help in soil conservation, recharging the water resources and maintenance of environment in general. It was the general perception of the people that there must be some provision for aftercare of plants because it was generally seen that lots of plantation campaigns are being executed by the Government through various agencies but the results are not so encouraging keeping in view the survival percentage. In some of the Forest Divisions, people of adjoining villagers are of the opinion that plantation activities and fencing of the area has reduced the grazing ground for the cattle. The people are also concerned about grazing areas inside the sanctuary and demanding de-notification of sanctuary so that their traditional right could be protected in nearby areas.

The analysis of the perceived impact of plantations under CAMPA reveals that substantial upliftment of the socio-economic status of the community/ surrounding villages should be the main concern while executing the plantation activities. There is need to foresee the benefits of the plantation to the local people in terms of diversified goods and services such as timber, fuel-wood, fodder, non-timber forest products, water, wildlife protection and potential to reduce the human wildlife conflict. Therefore, during selection of species for planting, the opinion of local people should be considered beforehand and fruit-bearing species should also be planted to tackle monkey and wild animals menace. More number of fodder and fuel wood species need to be included in forest plantations those directly benefiting rural masses. The area having infestation of Lantana and other weeds should be eradicated from the bushes before carrying out the plantation and during the maintenance of the plantation. People were also benefited by grass production due to fencing of the plantation site. Local people should be given awareness training on various forestry and environment issues. There is a need to make the provision for after care of the plantation so that the main objectives of the plantation can be achieved.

Constraints

The main constraint during and after plantation include forest fires, grazing and damage by wild animal. Accidental or intentional forest fires by local people during the months of summer results in irreparable damage especially to new plantations. People set on fire in the area with the intention to get new green grass for their cattle, goat and sheep. Grazing pressure of livestock also results in damage of plantation. Trampling and browsing damages seedling results into mortality and lower survival of plantation. Similarly, browsing by wild animals also damage the seedlings. The porcupine damages the seedlings of oak by cutting it at collar height. In many plantation areas monkeys have done lot of damage especially to the pine seedlings, they broke the top of the seedlings which hamper



its height. Besides, other wild animal like Deer, Ghoral, Neelgai, Wild Pigs, Rodents also damage and harm the planted seedlings.

- ✓ The land which are generally available for plantations are mostly refractory sites and less fertile. The better and fertile areas are used either for growing the agriculture or the horticulture crops or have already been used for carrying out plantations in the past. The survival of plantation in such harsh sites is also a big challenge. Therefore, plantation in such sites has less survival rate.
- ✓ The climatic conditions prevailing during planting seasons are also responsible for lesser survival of the plantations. Almost all the plantations carried out by forest department is completely dependent on rainfall. The survival percentage is affected due to dry season, low rainfall and erratic pattern of the rainfall during monsoon and winter season.
- ✓ The landslides in some plantation areas also damaged the planted seedlings, which ultimately resulted in lesser survival rate of the planted species. In Kinnaur district it was observed that frost, avalanche of glaciers resulted in mortality of the seedlings in some of the plantations.
- ✓ In some plantation sites heavy infestation of *Lantana camara* and other bushes & weeds was a hindrance in carrying out the plantation activities and it also affects the growth and survival of the planted species. Lantana is regarded as one of the worst weeds because of its invasiveness, potential for spread and economic and environmental impacts. Lantana forms dense, impenetrable thickets that take over native forests and pastures. It competes for resources and reduces the productivity of, pastures and forestry plantations.
- ✓ The selection of site is first and important step to ensure the success of plantation. However, sometimes sites having very steep slopes, shallow soil depth, rocky sites and low moisture retention capacity are selected for carrying out the plantation activities. The adverse site conditions coupled with harsh climatic conditions are also responsible for lesser survival of the plantation.
- ✓ The nurseries of species to be planted are located far away from the plantation sites. Many species such as Deodar are sensitive for shock. Therefore, transportation shock to seedlings also resulted in damage and lesser survival of planted species.
- ✓ In the higher altitude areas nomadic people keep their horses, cattle and sheep in the nearby area of the plantation. The movement of livestock by nomadic people through plantation areas has damaged some plantation sites.
- ✓ The selection of particular species for plantation is also important criterion for success of the plantation. Many factors such as species natural zone, aspect, slopes were not taken into consideration for planting a species. It was observed that in some areas deodar was planted in exposed site and below its natural zone of occurrence. Therefore, plantation of species in unsuitable sites resulted in lesser survival of the many species.



✓ In some of the areas, naked root plants did not respond well to the planted sites because some of the plantation sites were refractory, less fertile having shallow soil depth, low moisture retention capacity thereby causing the mortality of the plants.

Suggestions for Improvement

- ❖ The selection of suitable site is important and prerequisite for making any plantation a success. The efforts should be made to select sites with good site conditions. The selection of species for plantation in particular area is also very important. Therefore, species proposed for planting should commensurate with site conditions. The people have specific choice for species and they mostly interested to plant the species which meet out fodder, fuel-wood and small timber requirement. Hence, opinion of local people should be taken under consideration during selection of species for plantation. Besides, it is also suggested that species of economic importance like medicinal plant tree species and wild fruit tree species should be planted.
- ❖ The quality of planting material, which is being grown in the nursery should be improved. The healthy planting stock raised from superior genotypes should only be used for plantation. This will ensure that plantation can survive in the adverse conditions prevailing in the plantation sites and thereby help in achieving the better survival rate in the field.
- ❖ The forest department may adopt the concept of planting the tall plants so that the plantations can be established in a lesser time and without much damage due to adverse conditions. The plantation of naked root stock should be avoided in stress sites.
- ❖ Plantations raised under CAMPA do not have provision of watch and ward. It becomes very difficult for concerned officials of forest department to look after the plantations regularly as they have to discharge other official duties from time to time. Without proper aftercare provisions plantations are being damaged by trespassers, grazers, fire, wild animals, etc. Therefore, to ensure success of the plantation, long term protection of plantation like provision for watch and ward at least for 4 to 5 years after plantation is required.
- ❖ There should be a provision of budget for preparation of site, which includes, removal of shrubs, bushes viz., *Lantana camara*, *Eupatorium* sp & other invasive species before carrying out the plantation and in regular interval till establishment of plantations.
- ❖ In NPV plantation, there is no provision of barbed wire fencing; as a result plantation areas are prone to grazing pressure. Therefore, it is suggested that plantation areas should be fenced with barbed wire fencing.
- ❖ The many plantation sites are located far away from permanent nurseries of the forest department, which resulted in increased transportation cost and damage of planting materials. Therefore, temporary nursery should be established near the



plantation site in order to avoid the transportation damage to the plants and also to reduce the transportation cost.

- ❖ Use of artificial inoculation of seedlings with suitable mycorrhizal fungi can further improve the establishment and growth parameters of seedlings. The seedlings tailored through artificial ecto-mycorrhizal inoculation are expected to grow faster and survive better after transplantation. Mycorrhizae play a significant role in plant nutrition, growth improvement, successful afforestation, reforestation, bio-control of pathogens and land reclamation programmes. Ectomycorrhiza (EM) occurs in trees belonging to the Pinaceae (Pine, Spruce), Fagaceae (Oak, Chestnut), Betulaceae (Alder and Birch), Salicaceae (Poplar and Willow), Myrtaceae (Eucalyptus). Some tree genera such as *Alnus*, *Eucalyptus*, *Cupressus*, *Juniperus*, *Ulmus* form both ectomycorrhizae and endomycorrhizae depending on soil conditions and tree's age. Nursery bags can be artificially inoculated with culture during seed sowing and it will reduce pressure to bring forest soil as mycorrhizal inoculum. The inoculated seedlings will have better growth, survival and establishment after transplantation. It will also help to reduce the nursery to field transplantation period, while raising the tall planting stock.
- ❖ To counteract the incidences of occurrence of forest fires in Chir-pine forests, broadleaved species need to be mixed with the species to act as natural barriers within the Chir-pine zone. Fire line should be created and maintained properly throughout the year. There should be separate provision for deployment of watch guards for the better management of fire occurrence and wild animals induced damage to plantation.
- ❖ Some of the plantation sites having steep slopes, shallow soil depth, drought conditions and low moisture retention capacity thereby resulted into lesser survival rate of planting seedlings of various tree species. In such sites, contour plantation should be carried out for better soil & water conservation and increasing the survival of plantation. The concept of bigger pit size with imported loamy soil should be introduced for better survival in harsh sites. The hardened/conditioned nursery stock need to be planted for better out planting success under un-favorable conditions. The need based construction of check dams in plantation sites for improving the site moisture regime and utilizing the water bodies for irrigation purposes during initial years of establishment of plantations will increase the survival rate.
- ❖ Local people also needs to be educated towards forestry programmes and about the benefits of the plantation for better coordination and thereby protecting plantations from domestic animals in far flung sites and also from fire incidences.

Award of Third Party Monitoring Work For 2016-17 to 2018-19 Plantations:

The third party monitoring and evaluation of CAMPA funded plantation of 9222.40 ha area raised during the years from 2016-17 to 2018-19 has been awarded to



HP State Authority – APO For the Year 2022-23

Himalayan Forest Research Institute (HFRI), Panthaghati, Shimla and the work is under progress. The final monitoring and evaluation report is expected during May, 2022.



Annexure 2

Annexure 2A

ACTIVITY WISE ABSTRACT OF COMPENSATORY AFFORSATATION (CA) FOR THE YEAR 2022-23				
Amount in (Rs.)				
Sr. No.	Name of Activity	Proposed Targets		Remarks
		Phy. (Ha.)	Fin.	
1	Advance Works			
	RCC Fencing of Land Banks	1629.11	66301648	
	Wooden Fencing of Land Banks	173.51	7192419	
	Raising of Nursery	764897	35000000	
	Total		108494067	
2	Plantations			
	Plantations in Land Banks With (RCC)	906.09	62458759	
	Plantations in Land Banks With (Wooden)	66.74	2177816	
	Total	972.83	64636575	
3	Maintenance of old Plantations			
	1st Year Maintenance	944.6	10829411	
	2nd Year Maintenance	863.39	6057547	
	3rd Year Maintenance	537.49	1978014	
	4th Year Maintenance	680.53	3666289	
	5th Year Maintenance	1400.84	8353216	
	6th Year Maintenance	1282.82	9212819	
	7th Year Maintenance	1930.08	10185671	
	8th Year Maintenance	3238.05	13258612	
	9th Year Maintenance	2354.73	8215974	
	10th Year Maintenance	1366.94	5111805	
	Total	14599.5	76869358	
	Grand Total		250000000	



**ACTIVITY, CIRCLE AND DIVISION WISE ABSTRACT OF
COMPENSATORY AFFORSATATION (CA)
FOR THE YEAR 2022-23**

Sr. No.	Name of Activity	Name of Circle	Name of Division	Amount in (Rs.)	
				Proposed Targets	
				Phy. (Ha.)	Fin.
1	Advance Works				
	RCC Fencing of Land Banks				
		Bilaspur	Bilaspur	450.06	16982396
			Total Bilaspur	450.06	16982396
		Chamba	Chamba	9.76	413336
			Total Chamba	9.76	413336
		Dharamshala	Nurpur	14.65	620343
			Total Dharamshala	14.65	620343
		Hamirpur	Dehra	308	12274400
		Hamirpur	Hamirpur	55.65	2509672
		Hamirpur	Una	14.28	629343
			Total Hamirpur	377.93	15413415
		Kullu	Seraj	6.72	284592
			Total Kullu	6.72	284592
		Mandi	Jogindernagar	48.19	2040990
		Mandi	Karsog	128.72	5451080
		Mandi	Mandi	97.85	4143956
		Mandi	Suket	15.5	696300
			Total Mandi	290.26	12332326
		Nahan	Nahan	35.96	1522796
		Nahan	Rajgarh	58	2420250
		Nahan	Renukaji	58	2456300
			Total Nahan	151.96	6399346
		Rampur	Ani	25.05	1060998
		Rampur	Kinnaur	42	1960959
		Rampur	Kotgarh	4	169400
		Rampur	Rampur	14	385000
			Total Rampur	85.05	3576357
		Shimla	Shimla	78.7	3332945
		Shimla	Theog	62.03	2626893
			Total Shimla	140.73	5959838
		Solan	Solan	102	4319700
			Total Solan	102	4319700
			Total RCC Fencing of Land Banks	1629.12	66301649
	Wooden Fencing of Land Banks				
		Dharamshala	Dharamshala	70	3490700
		Dharamshala	Palampur	50	2372340
			Total Dharamshala	120	5863040
		Kullu	Kullu	40.27	759665
		Kullu	Parvati	10	432500



Sr. No.	Name of Activity	Name of Circle	Name of Division	Amount in (Rs.)	
				Proposed Targets Phy. (Ha.)	Fin.
			Total Kullu	50.27	1192165
		Mandi	Mandi	3.24	137214
			Total Mandi	3.24	137214
			Total Wooden Fencing of Land Banks	173.51	7192419
	Stone Wall Fencing of Land Bank				
			Total Stone Wall Fencing of Land Bank	0	0
	Raising of Nursery				
		Bilaspur	Bilaspur	100000	2696700
			Total Bilaspur	100000	2696700
		Dharamshala	Dharamshala	102813	757063
		Dharamshala	Nurpur	55000	573100
		Dharamshala	Palampur	178301	2248655
			Total Dharamshala	336114	3578818
		Hamirpur	Hamirpur	89922	0
			Total Hamirpur	89922	0
		Kullu	Parvati	112861	991609
			Total Kullu	112861	991609
		Mandi	Mandi	0	1200000
			Total Mandi	0	1200000
		Shimla	Theog	126000	837200
			Total Shimla	126000	837200
		HP State CAMPA	State CAMPA	0	25695673
			Total HP State CAMPA	0	25695673
			Total Raising of Nursery	764897	35000000
			Total Advance Works		108494068
2	Plantations				
	Plantations in Land Banks With (RCC)				
		Bilaspur	Bilaspur	1	49676
			Total Bilaspur	1	49676
		Chamba	Chamba	158.25	6701888
			Total Chamba	158.25	6701888
		Dharamshala	Nurpur	10.65	528950
			Total Dharamshala	10.65	528950
		Hamirpur	Dehra	30.3	1600100
		Hamirpur	Hamirpur	89.65	5782556
		Hamirpur	Una	14.28	698602
			Total Hamirpur	134.23	8081258
		Kullu	Seraj	6.72	284592
			Total Kullu	6.72	284592
		Mandi	Jogindernagar	58.43	2902499
		Mandi	Karsog	128.72	6394046
		Mandi	Mandi	101.09	5021757
		Mandi	Suket	16.23	850404
			Total Mandi	304.47	15168706
		Nahan	Rajgarh	6	298056



Sr. No.	Name of Activity	Name of Circle	Name of Division	Amount in (Rs.)	
				Proposed Targets	
				Phy. (Ha.)	Fin.
		Nahan	Renukaji	2	99352
			Total Nahan	8	397408
		Rampur	Ani	25.05	1060868
		Rampur	Kinnaur	85	4007046
		Rampur	Kotgarh	5	248380
		Rampur	Rampur	7	310692
			Total Rampur	122.05	5626986
		Shimla	Shimla	88.7	3756445
		Shimla	Theog	62.03	3081310
			Total Shimla	150.73	6837755
		Solan	Solan	10	496760
			Total Solan	10	496760
		HP State CAMPA	State CAMPA	0	18284781
			Total HP State CAMPA	0	18284781
			Total Plantations in Land Banks With (RCC)	906.1	62458760
	Plantations in Land Banks With (Wooden)				
		Hamirpur	Dehra	9	28800
			Total Hamirpur	9	28800
		Kullu	Kullu	40.27	1550518
		Kullu	Parvati	1.46	244122
			Total Kullu	41.73	1794640
		Rampur	Kinnaur	16	354376
			Total Rampur	16	354376
			Total Plantations in Land Banks With (Wooden)	66.73	2177816
			Total Plantations		64636576
3	Maintenance of old Plantations				
	Ist Year Maintenance				
		Bilaspur	Bilaspur	138.76	1388947
			Total Bilaspur	138.76	1388947
		Chamba	Bharmour	102.1	1278088
		Chamba	Chamba	52	520520
		Chamba	Dalhousie	49	490490
			Total Chamba	203.1	2289098
		Dharamshala	Nurpur	4.32	17626
			Total Dharamshala	4.32	17626
		Hamirpur	Hamirpur	7	54700
			Total Hamirpur	7	54700
		Kullu	Kullu	1.5	10275
		Kullu	Parvati	9.7	88270
		Kullu	Seraj	9.13	91341
			Total Kullu	20.33	189886
		Mandi	Jogindernagar	31.38	314074
		Mandi	Karsog	1.5	74514
		Mandi	Mandi	88.77	888608



HP State Authority – APO For the Year 2022-23

Sr. No.	Name of Activity	Name of Circle	Name of Division	Amount in (Rs.)	
				Proposed Targets Phy. (Ha.)	Fin.
		Mandi	Suket	3	30030
			Total Mandi	124.65	1307226
		Nahan	Paonta Sahib	8.29	26369
			Total Nahan	8.29	26369
		Rampur	Ani	113	1131130
		Rampur	Kinnaur	251.5	3761227
		Rampur	Kotgarh	1	10010
			Total Rampur	365.5	4902367
		Shimla	Shimla	15.2	152152
			Total Shimla	15.2	152152
		Solan	Solan	34	340340
			Total Solan	34	340340
		GHNP Shamshi	GHNP Shamshi	23.46	160701
			Total GHNP Shamshi	23.46	160701
			Total 1st Year Maintenance	944.61	10829412
2nd Year Maintenance					
		Bilaspur	Kunihar	5.44	36742
			Total Bilaspur	5.44	36742
		Chamba	Chamba	24.5	165473
		Chamba	Dalhousie	19	128326
			Total Chamba	43.5	293799
		Hamirpur	Una	5.05	95253
			Total Hamirpur	5.05	95253
		Kullu	Kullu	65.59	301714
		Kullu	Parvati	50	307000
		Kullu	Seraj	18.75	126638
			Total Kullu	134.34	735352
		Mandi	Jogindernagar	4.5	30393
		Mandi	Suket	15	101310
			Total Mandi	19.5	131703
		Nahan	Nahan	17.03	115007
			Total Nahan	17.03	115007
		Rampur	Ani	40	270160
		Rampur	Kinnaur	287	2422998
		Rampur	Kotgarh	40	270160
		Rampur	Rampur	242	1486907
			Total Rampur	609	4450225
		Shimla	Rohru	12	81048
		Shimla	Shimla	13.9	93881
		Shimla	Theog	3.63	24539
			Total Shimla	29.53	199468
			Total 2nd Year Maintenance	863.39	6057549
3rd Year Maintenance					
		Chamba	Bharmour	62.56	273544
		Chamba	Chamba	9	31482
		Chamba	Dalhousie	19	66462



Sr. No.	Name of Activity	Name of Circle	Name of Division	Amount in (Rs.)	
				Proposed Targets	
				Phy. (Ha.)	Fin.
			Total Chamba	90.56	371488
		Dharamshala	Nurpur	9.5	30210
			Total Dharamshala	9.5	30210
		Kullu	Parvati	163.02	518404
			Total Kullu	163.02	518404
		Mandi	Jogindernagar	5	17490
		Mandi	Nachan	7.57	24073
		Mandi	Suket	7	24486
			Total Mandi	19.57	66049
		Rampur	Ani	10	34980
		Rampur	Kinnaur	130	568425
		Rampur	Kotgarh	7.5	26235
		Rampur	Rampur	41	130126
			Total Rampur	188.5	759766
		Shimla	Shimla	16	55968
			Total Shimla	16	55968
		Solan	Solan	30.34	106129
			Total Solan	30.34	106129
		GHNP Shamshi	GHNP Shamshi	20	70000
			Total GHNP Shamshi	20	70000
			Total 3rd Year Maintenance	537.49	1978014
	4th Year Maintenance				
		Bilaspur	Bilaspur	13.56	47426
		Bilaspur	Kunihar	7.6	26585
			Total Bilaspur	21.16	74011
		Chamba	Bharmour	4	17490
		Chamba	Dalhousie	8	27984
			Total Chamba	12	45474
		Dharamshala	Dharamshala	3	9540
			Total Dharamshala	3	9540
		Kullu	Kullu	134.13	321912
		Kullu	Lahaul	155	1901540
		Kullu	Parvati	20.85	66303
		Kullu	Seraj	16.48	57632
			Total Kullu	326.46	2347387
		Mandi	Jogindernagar	4.5	15741
		Mandi	Suket	23	80454
			Total Mandi	27.5	96195
		Nahan	Rajgarh	29.55	93969
			Total Nahan	29.55	93969
		Rampur	Ani	10.77	37673
		Rampur	Kinnaur	110	480975
		Rampur	Kotgarh	3.5	12243
		Rampur	Rampur	25	77532
			Total Rampur	149.27	608423
		Shimla	Rohru	18.73	65518



Sr. No.	Name of Activity	Name of Circle	Name of Division	Amount in (Rs.)	
				Proposed Targets Phy. (Ha.)	Fin.
		Shimla	Shimla	10	34980
			Total Shimla	28.73	100498
		Solan	Solan	1.2	4198
			Total Solan	1.2	4198
		Wildlife (S) Shimla	WL Shimla	25	88250
			Total Wildlife (S) Shimla	25	88250
		GHNP Shamshi	GHNP Shamshi	56.67	198345
			Total GHNP Shamshi	56.67	198345
			Total 4th Year Maintenance	680.54	3666290
	5th Year Maintenance				
		Bilaspur	Bilaspur	6.38	22317
		Bilaspur	Kunihar	0.7	2449
			Total Bilaspur	7.08	24766
		Chamba	Bharmour	4.95	21644
		Chamba	Chamba	12	41976
			Total Chamba	16.95	63620
		Dharamshala	Nurpur	7.31	23246
			Total Dharamshala	7.31	23246
		Kullu	Kullu	50.58	121392
		Kullu	Parvati	47.5	151050
		Kullu	Seraj	30.65	107221
			Total Kullu	128.73	379663
		Mandi	Karsog	88.83	3986573
			Total Mandi	88.83	3986573
		Nahan	Nahan	262.67	918820
		Nahan	Paonta Sahib	294.6	821778
		Nahan	Rajgarh	118.88	378038
			Total Nahan	676.15	2118636
		Rampur	Ani	111.96	391636
		Rampur	Kinnaur	95	456115
		Rampur	Kotgarh	0.5	1749
		Rampur	Rampur	22	43438
			Total Rampur	229.46	892938
		Shimla	Rohru	142.67	499060
		Shimla	Shimla	20.02	70030
		Shimla	Theog	13.01	45535
			Total Shimla	175.7	614625
		Solan	Nalagarh	2	6996
			Total Solan	2	6996
		Wildlife (S) Shimla	WL Shimla	65	229450
			Total Wildlife (S) Shimla	65	229450
		GHNP Shamshi	GHNP Shamshi	3.63	12705
			Total GHNP Shamshi	3.63	12705
			Total 5th Year Maintenance	1400.84	8353218
	6th Year Maintenance				



Sr. No.	Name of Activity	Name of Circle	Name of Division	Amount in (Rs.)	
				Proposed Targets	
				Phy. (Ha.)	Fin.
		Bilaspur	Bilaspur	72.53	253710
		Bilaspur	Kunihar	35	122430
			Total Bilaspur	107.53	376140
		Chamba	Bharmour	15.8	69086
		Chamba	Dalhousie	36	125928
			Total Chamba	51.8	195014
		Dharamshala	Dharamshala	15.62	49678
		Dharamshala	Nurpur	5.87	18667
			Total Dharamshala	21.49	68345
		Hamirpur	Una	60.99	2582926
			Total Hamirpur	60.99	2582926
		Kullu	Kullu	20	48000
		Kullu	Parvati	9.1	28938
			Total Kullu	29.1	76938
		Mandi	Jogindernagar	37	129426
		Mandi	Karsog	50	2483800
		Mandi	Mandi	90	315000
		Mandi	Suket	7	24486
			Total Mandi	184	2952712
		Nahan	Paonta Sahib	45	143100
			Total Nahan	45	143100
		Rampur	Ani	95.77	335003
		Rampur	Kinnaur	115	502838
		Rampur	Kotgarh	10	34980
			Total Rampur	220.77	872821
		Shimla	Chopal	82.5	266955
		Shimla	Rohru	57	199386
		Shimla	Shimla	38.5	134673
		Shimla	Theog	11.14	38990
			Total Shimla	189.14	640004
		Solan	Nalagarh	108	377784
		Solan	Solan	137	479226
			Total Solan	245	857010
		Wildlife (S) Shimla	WL Shimla	60	209880
		Wildlife (S) Shimla	WL Spiti	35	122430
			Total Wildlife (S) Shimla	95	332310
		GHNP Shamshi	GHNP Shamshi	33	115500
			Total GHNP Shamshi	33	115500
			Total 6th Year Maintenance	1282.82	9212820
	7th Year Maintenance				
		Bilaspur	Bilaspur	182.16	637196
		Bilaspur	Kunihar	40	139920
			Total Bilaspur	222.16	777116
		Chamba	Bharmour	98	428505
		Chamba	Chamba	7.03	24591



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Sr. No.	Name of Activity	Name of Circle	Name of Division	Amount in (Rs.)	
				Proposed Targets	
				Phy. (Ha.)	Fin.
			Total Chamba	105.03	453096
		Dharamshala	Palampur	32	111936
			Total Dharamshala	32	111936
		Hamirpur	Una	3.59	12673
			Total Hamirpur	3.59	12673
		Kullu	Kullu	153.28	367872
		Kullu	Lahaul	23.52	115342
		Kullu	Parvati	176.38	560888
		Kullu	Seraj	130.51	456990
			Total Kullu	483.69	1501092
		Mandi	Jogindernagar	55.41	193824
		Mandi	Karsog	74.95	3723216
		Mandi	Mandi	105	367500
		Mandi	Suket	25	87450
			Total Mandi	260.36	4371990
		Nahan	Nahan	90.15	315345
		Nahan	Paonta Sahib	45	143100
		Nahan	Rajgarh	9.5	30210
		Nahan	Renukaji	17	49555
			Total Nahan	161.65	538210
		Rampur	Ani	70	244860
		Rampur	Kinnaur	54	236115
		Rampur	Kotgarh	21.5	75207
		Rampur	Rampur	85	369346
			Total Rampur	230.5	925528
		Shimla	Chopal	53	171384
		Shimla	Shimla	18.1	63314
			Total Shimla	71.1	234698
		Solan	Solan	304	1063392
			Total Solan	304	1063392
		Wildlife (S) Shimla	WL Shimla	30	104940
			Total Wildlife (S) Shimla	30	104940
		GHNP Shamshi	GHNP Shamshi	26	91000
			Total GHNP Shamshi	26	91000
			Total 7th Year Maintenance	1930.08	10185671
	8th Year Maintenance				
		Bilaspur	Bilaspur	101.2	353998
		Bilaspur	Kunihar	253	884994
			Total Bilaspur	354.2	1238992
		Chamba	Bharmour	215	940088
		Chamba	Chamba	58.86	205899
		Chamba	Churah	121.03	423363
		Chamba	Dalhousie	177	619146
			Total Chamba	571.89	2188496
		Dharamshala	Dharamshala	46.59	148144



Sr. No.	Name of Activity	Name of Circle	Name of Division	Amount in (Rs.)	
				Proposed Targets	
				Phy. (Ha.)	Fin.
		Dharamshala	Nurpur	143.4	456012
			Total Dharamshala	189.99	604156
		Hamirpur	Una	106	1999372
			Total Hamirpur	106	1999372
		Kullu	Kullu	87.21	209309
		Kullu	Lahaul	135.96	981786
		Kullu	Parvati	5.1	16218
		Kullu	Seraj	80.48	281503
			Total Kullu	308.75	1488816
		Mandi	Jogindernagar	60	209880
		Mandi	Mandi	175	612500
		Mandi	Nachan	88.73	212940
		Mandi	Suket	147	514206
			Total Mandi	470.73	1549526
		Nahan	Nahan	200	699600
		Nahan	Paonta Sahib	40	127200
		Nahan	Rajgarh	145.5	464615
		Nahan	Renukaji	10	29150
			Total Nahan	395.5	1320565
		Rampur	Ani	60	209880
		Rampur	Kinnaur	115	502838
		Rampur	Kotgarh	13.7	47923
		Rampur	Rampur	223	630594
			Total Rampur	411.7	1391235
		Shimla	Chopal	85	274947
		Shimla	Shimla	10.45	36554
		Shimla	Theog	38.78	135730
			Total Shimla	134.23	447231
		Solan	Solan	289	1010922
			Total Solan	289	1010922
		Wildlife (N) Dharamshala	WL Hamirpur	6.07	19302
			Total Wildlife (N) Dharamshala	6.07	19302
			Total 8th Year Maintenance	3238.06	13258613
	9th Year Maintenance				
		Bilaspur	Bilaspur	68.79	240627
		Bilaspur	Kunihar	265	926970
			Total Bilaspur	333.79	1167597
		Chamba	Bharmour	66	288585
		Chamba	Chamba	271.42	949427
		Chamba	Churah	244	853512
		Chamba	Dalhousie	83	290334
			Total Chamba	664.42	2381858
		Dharamshala	Dharamshala	30	95400
		Dharamshala	Nurpur	123	391140
			Total Dharamshala	153	486540



HP State Authority – APO For the Year 2022-23

Sr. No.	Name of Activity	Name of Circle	Name of Division	Amount in (Rs.)	
				Proposed Targets Phy. (Ha.)	Fin.
		Hamirpur	Dehra	10	32000
		Hamirpur	Hamirpur	38.6	135100
		Hamirpur	Una	57	201210
			Total Hamirpur	105.6	368310
		Kullu	Kullu	38.5	92400
		Kullu	Lahaul	70	532000
		Kullu	Parvati	62.12	197542
		Kullu	Seraj	3.34	11669
			Total Kullu	173.96	833611
		Mandi	Mandi	60	210000
		Mandi	Nachan	150	330000
		Mandi	Suket	86	300828
			Total Mandi	296	840828
		Nahan	Nahan	10.06	35190
		Nahan	Paonta Sahib	60	190800
		Nahan	Rajgarh	24.5	77910
		Nahan	Renukaji	4	11660
			Total Nahan	98.56	315560
		Rampur	Ani	95.1	332660
		Rampur	Kinnaur	30	131175
		Rampur	Kotgarh	2	6996
		Rampur	Rampur	108	342486
			Total Rampur	235.1	813317
		Shimla	Chopal	80	258630
		Shimla	Rohru	30	104940
		Shimla	Shimla	43.2	151114
		Shimla	Theog	51	178500
			Total Shimla	204.2	693184
		Solan	Nalagarh	90.1	315170
			Total Solan	90.1	315170
			Total 9th Year Maintenance	2354.73	8215975
	10th Year Maintenance				
		Bilaspur	Bilaspur	140	489720
		Bilaspur	Kunihar	190	664620
			Total Bilaspur	330	1154340
		Chamba	Bharmour	94	411015
		Chamba	Chamba	75.9	265498
		Chamba	Dalhousie	16	55968
			Total Chamba	185.9	732481
		Dharamshala	Dharamshala	33.5	106530
		Dharamshala	Nurpur	73	232352
		Dharamshala	Palampur	51.83	181300
			Total Dharamshala	158.33	520182
		Hamirpur	Dehra	22	70400
		Hamirpur	Hamirpur	20.89	73115
			Total Hamirpur	42.89	143515



Sr. No.	Name of Activity	Name of Circle	Name of Division	Amount in (Rs.)	
				Proposed Targets	
				Phy. (Ha.)	Fin.
		Kullu	Kullu	50	120000
		Kullu	Lahaul	93.37	709612
		Kullu	Parvati	31.33	99629
		Kullu	Seraj	11.52	40297
			Total Kullu	186.22	969538
		Mandi	Mandi	10	35000
			Total Mandi	10	35000
		Nahan	Nahan	10	34980
		Nahan	Paonta Sahib	11	34980
		Nahan	Renukaji	5	14575
			Total Nahan	26	84535
		Rampur	Ani	31.2	109138
		Rampur	Kinnaur	10	43725
		Rampur	Kotgarh	21	73458
		Rampur	Rampur	102	324360
			Total Rampur	164.2	550681
		Shimla	Rohru	57.1	199736
		Shimla	Shimla	80.7	282289
		Shimla	Theog	80	280000
			Total Shimla	217.8	762025
		Solan	Nalagarh	39	136422
		Solan	Solan	6.6	23087
			Total Solan	45.6	159509
			Total 10th Year Maintenance	1366.94	5111806
			Total Maintenance of old Plantations		76869368
			Grand Total		250000000



**COMPONENT, ACTIVITY, WORK, CIRCLE, DIVISION, AREA AND GPS LOCATION WISE ABSTRACT OF
COMPENSATORY AFFORSATATION (CA) APO
FOR THE YEAR 2022-23**

Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Amount in (Rs.)									
	Name of Circle - Bilaspur									
1	Name of Division - Bilaspur									
	Advance Works									
	RCC Fencing of Land Banks									
	RCC Fencing in Land Banks	Shree Naina Devi Ji	Kot	Palsed	UPF Illewal	6.92	293062	31o 23' 25.335" 31° 23' 16.263" 31° 23' 20.394" 31° 23' 29.442"	76° 25' 50.258" 76° 26' 1.108" 76° 26' 4.974" 76° 25' 54.205"	
	RCC Fencing of Land Banks	Shree Naina Devi Ji	Bassi	Dabat	UPF Kudini	14.00	592900	31o 19' 6.205" 31° 18' 53.264" 31° 18' 57.893" 31° 19' 9.441"	76° 27' 37.057" 76° 27' 45.065" 76° 27' 52.203" 76° 27' 48.384"	
	RCC Fencing of Land Banks	Shree Naina Devi Ji	Bhakra	Jandour	UPF Jandour	10.00	423500	31o 19' 22.399" 31° 19' 18.505" 31° 19' 20.108" 31° 19' 25.541"	76° 27' 45.955" 76° 27' 44.470" 76° 27' 29.126" 76° 27' 44.138"	
	RCC Fencing of Land Banks	Sadar	Bharmapukhar	Deoth	DPF Luharda	6.00	254100	31o 14' 40.880" 31° 14' 35.367" 31° 14' 29.319" 31° 14' 38.336"	76° 49' 56.263" 76° 49' 58.559" 76° 50' 1.916" 76° 50' 1.603"	
	RCC Fencing of Land Banks	Sadar	Panjgain	Jamthal	UPF Sangan	5.00	211750	31o 20' 36.744" 31° 20' 34.987" 31° 20' 25.557" 31° 20' 35.707"	76° 51' 50.743" 76° 51' 43.938" 76° 51' 44.202" 76° 51' 52.043"	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	RCC Fencing in Land Banks		Swarghat	Swahan	Swahan	UPF Dhara	12.00	508200	31° 14' 45.817" 31° 14' 37.843" 31° 14' 42.619" 31° 14' 47.657"	76° 37' 37.322" 76° 37' 53.254" 76° 38' 3.071" 76° 37' 42.262"
	RCC Fencing of Land Banks	Shree Naina Devi Ji		Bassi	Bassi	UPF Bassi	10.00	423500	31° 18' 59.309" 31° 18' 57.457" 31° 18' 54.847" 31° 19' 1.638"	76° 29' 37.784" 76° 29' 57.367" 76° 30' 0.344" 76° 29' 41.769"
	RCC Fencing of Land Banks		Swarghat	Swahan	Behal	UPF Kehrian	10.00	423500	31° 16' 13.606" 31° 16' 4.614" 31° 16' 0.836" 31° 16' 10.696"	76° 42' 2.841" 76° 42' 12.698" 76° 42' 26.925" 76° 42' 7.076"
	RCC Fencing of Land Banks		Sadar	Panjgain	Panjgain	UPF Kanoun	5.00	211750	31° 22' 54.062" 31° 22' 44.141" 31° 22' 51.746" 31° 22' 48.396"	76° 50' 44.477" 76° 50' 50.297" 76° 50' 55.091" 76° 50' 45.881"
	RCC Fencing of Land Banks		Sadar	Panjgain	Panjgain	UPF Kanoun	5.00	211750	31° 22' 43.832" 31° 22' 42.447" 31° 22' 39.588" 31° 22' 43.618"	76° 50' 37.254" 76° 50' 42.382" 76° 50' 52.772" 76° 50' 51.214"
	RCC Fencing of Land Banks		Sadar	Panjgain	Chhakoh	UPF Malokhar	5.00	211750	31° 18' 44.698" 31° 18' 35.878" 31° 18' 40.750" 31° 18' 31.959" 31° 18' 28.050"	76° 54' 27.486" 76° 54' 25.983" 76° 54' 32.559" 76° 54' 42.580" 76° 54' 38.865"
	RCC Fencing of Land Banks		Sadar	Panjgain	Panjgain	UPF Malokhar	5.00	211750	31° 18' 44.698" 31° 18' 35.878" 31° 18' 40.750" 31° 18' 31.959" 31° 18' 28.050"	76° 54' 27.486" 76° 54' 25.983" 76° 54' 32.559" 76° 54' 42.580" 76° 54' 38.865"



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	RCC Fencing of Land Banks	Sadar	Panjgain	Panjgain	UPF Solag Jurasi	10.00	423500	31° 21' 12.824" 31° 20' 58.894" 31° 21' 8.642" 31° 21' 14.254"	76° 49' 31.441" 76° 49' 37.008" 76° 49' 43.802" 76° 49' 32.983"	
	RCC Fencing of Land Banks	Swarghat	Swahan	Behal	UPF Behal-I	6.50	275275	31° 13' 57.867" 31° 13' 53.050" 31° 13' 59.665" 31° 14' 0.417"	76° 36' 58.545" 76° 36' 48.743" 76° 36' 43.506" 76° 36' 55.431"	
	RCC Fencing of Land Banks	Swarghat	Swahan	Behal	UPF Behal-II	8.50	359975	31° 13' 58.121" 31° 13' 42.900" 31° 13' 44.412" 31° 13' 56.694"	76° 37' 20.401" 76° 37' 18.296" 76° 37' 23.818" 76° 37' 26.519"	
	RCC Fencing of Land Banks	Sadar	Panjgain	Panjgain	UPF Balag Ka Ghat	6.00	254100	31° 20' 25.914" 31° 20' 20.241" 31° 20' 17.581" 31° 20' 23.471"	76° 51' 39.040" 76° 51' 35.420" 76° 51' 45.372" 76° 51' 41.599"	
	RCC Fencing of Land Banks	Sadar	Panjgain	Panjgain	UPF Solag Jurasi-I	6.00	254100	31° 20' 58.668" 31° 20' 51.086" 31° 20' 49.734" 31° 20' 57.626"	76° 49' 18.396" 76° 49' 7.857" 76° 49' 15.055" 76° 49' 20.942"	
	RCC Fencing of Land Banks	Sadar	Panjgain	Panjgain	UPF Solag Jurasi-II	6.00	254100	31° 20' 54.951" 31° 20' 47.880" 31° 20' 45.957" 31° 20' 49.554"	76° 49' 22.524" 76° 49' 11.402" 76° 49' 12.404" 76° 49' 25.142"	
	RCC Fencing of Land Banks	Sadar	Panjgain	Chhakoh	UPF Malokhar	5.00	211750	"31° 18' 40.645"" 31° 18' 32.941"" 31° 18' 31.284"" 31° 18' 39.557""	"76° 54' 23.196"" 76° 54' 28.084"" 76° 54' 20.497"" 76° 54' 21.464""	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	RCC Fencing of Land Banks		Sadar	Panjgain	Panjgain	UPF Dhar Tatoh-I	6.50	275275	"31o 22' 27.183"" 31° 22' 23.917"" 31° 22' 19.303"" 31° 22' 24.970""	"76° 50' 45.902"" 76° 50' 56.907"" 76° 50' 56.699"" 76° 50' 46.555""
	RCC Fencing of Land Banks		Sadar	Panjgain	Panjgain	UPF Dhar Tatoh-II	7.50	317625	"31o 22' 18.523"" 31° 22' 13.969"" 31° 22' 8.274"" 31° 22' 14.871""	"76° 50' 57.066"" 76° 50' 47.469"" 76° 50' 51.115"" 76° 50' 58.738""
	RCC Fencing of Land Banks		Kalol	Malhot	Kharli	UPF Kakerhar	1.98	83853	"31o 16' 29.161"" 31° 16' 27.270"" 31° 16' 29.171"" 31° 16' 32.862""	"76° 39' 33.356"" 76° 39' 33.729"" 76° 39' 39.723"" 76° 39' 42.330""
	RCC Fencing of Land Banks		Sadar	Sadar	Kuddi	DPF Baryance	7.00	296450	"31o 23' 3.247"" 31° 22' 52.574"" 31° 22' 52.574"" 31° 23' 3.11""	"76° 47' 56.678"" 76° 47' 53.777"" 76° 48' 2.425"" 76° 48' 3.93""
	RCC Fencing of Land Banks		Sadar	Sadar	Kuddi	DPF Baryance	7.00	296450	"31o 23' 14.26"" 31° 23' 3.98"" 31° 23' 16.59"" 31° 23' 4.07""	"76° 47' 57.43"" 76° 47' 57.64"" 76° 48' 5.13"" 76° 48' 6.21""
	RCC Fencing of Land Banks		Sadar	Sadar	Kuddi	DPF Kuddi	7.00	296450	"31o 23' 3.247"" 31° 22' 52.574"" 31° 23' 3.11"" 31° 22' 52.574""	"76° 47' 56.678"" 76° 47' 53.777"" 76° 48' 3.93"" 76° 48' 2.425""
	RCC Fencing of Land Banks		Sadar	Sadar	Kuddi	DPF Kuddi	8.00	338800	"31o 24' 37.234"" 31° 24' 31.716"" 31° 24' 42.885"" 31° 24' 31.709""	"76° 48' 20.469"" 76° 48' 19.294"" 76° 48' 28.139"" 76° 48' 28.08""



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	RCC Fencing of Land Banks	Sadar	Sadar	Kothi Pura	UPF Parnali	6.00	254100	31° 17' 31.544" 31° 17' 18.406" 31° 17' 28.252" 31° 17' 20.541"	76° 47' 6.7" 76° 47' 42.167" 76° 47' 41.028" 76° 47' 46.899"	
	RCC Fencing of Land Banks	Sadar	Sadar	Kothipura	UPF Parnali	1.50	63525	31° 17' 3.16" 31° 17' 1.28" 31° 17' 6.261" 31° 17' 5.321"	76° 47' 34.669" 76° 47' 37.583" 76° 47' 38.1" 76° 47' 42.329"	
	RCC Fencing of Land Banks	Sadar	Sadar	Kothipura	UPF Nai Sarli	2.50	105875	31° 17' 40" 31° 17' 34.844" 31° 17' 31.358" 31° 17' 29.852"	76° 45' 8.366" 76° 45' 8.086" 76° 45' 9.066" 76° 45' 12.478"	
	RCC Fencing of Land Banks	Sadar	Panjgain	Chamyon	DPF Chamyon	5.00	211750	31° 22' 3.427" 31° 21' 59.811" 31° 22' 11.374" 31° 22' 5.648"	76° 51' 14.68" 76° 51' 21.531" 76° 51' 20.3" 76° 51' 25.147"	
	RCC Fencing of Land Banks	Sadar	Panjgain	Chamyon	DPF Chamyon	5.00	211750	31° 22' 11.374" 31° 21' 55.968" 31° 21' 52.687" 31° 21' 58.289"	76° 51' 20.3" 76° 51' 10.363" 76° 51' 18.298" 76° 51' 21.495"	
	RCC Fencing of Land Banks	Swarghat	Swahan	Behal	UF Behal	6.00	254100	31° 13' 55.067" 31° 13' 53.626" 31° 13' 42.695" 31° 13' 46.819"	76° 37' 20.747" 76° 37' 25.272" 76° 37' 22.83" 76° 37' 13.58"	
	RCC Fencing of Land Banks	Swarghat	Swahan	Behal	UF Behal	5.00	211750	31° 13' 59.648" 31° 13' 57.932" 31° 13' 53.738" 31° 13' 55.053"	76° 36' 42.327" 76° 36' 51.694" 76° 36' 50.742" 76° 36' 39.801"	
	RCC Fencing of Land Banks	Swarghat	Swahan	Behal	UF Behal	5.00	211750	31° 13' 56.118" 31° 13' 56.42" 31° 13' 50.986" 31° 13' 49.077"	76° 37' 4.819" 76° 37' 10.078" 76° 37' 10.308" 76° 37' 2.256"	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Clearing of Lantana 50%	Shree Naina Devi Ji	Bassi	Bassi	UPF Bassi	10.00	276100	31° 18' 59.309" 31° 18' 57.457" 31° 18' 54.847" 31° 19' 1.638"	76° 29' 37.784" 76° 29' 57.367" 76° 30' 0.344" 76° 29' 41.769"	
	Clearing of Lantana 50%	Swarghat	Swahan	Behal	UPF Behal-I	6.50	179465	31° 13' 57.867" 31° 13' 53.050" 31° 13' 59.665" 31° 14' 0.417"	76° 36' 58.545" 76° 36' 48.743" 76° 36' 43.506" 76° 36' 55.431"	
	Clearing of Lantana 50%	Swarghat	Swahan	Behal	UPF Behal-II	8.50	234685	31° 13' 58.121" 31° 13' 42.900" 31° 13' 44.412" 31° 13' 56.694"	76° 37' 20.401" 76° 37' 18.296" 76° 37' 23.818" 76° 37' 26.519"	
	Clearing of Lantana 50%	Sadar	Panjgain	Panjgain	UPF Solag Jurasi-I	6.00	165660	31° 20' 58.668" 31° 20' 51.086" 31° 20' 49.734" 31° 20' 57.626"	76° 49' 18.396" 76° 49' 7.857" 76° 49' 15.055" 76° 49' 20.942"	
	Clearing of Lantana 50%	Sadar	Panjgian	Panjgain	UPF Solag Jurasi-II	6.00	165660	31° 20' 54.951" 31° 20' 47.880" 31° 20' 45.957" 31° 20' 49.554"	76° 49' 22.524" 76° 49' 11.402" 76° 49' 12.404" 76° 49' 25.142"	
	Clearing of Lantana 50%	Sadar	Panjgain	Panjgain	UPF Dhar Tatoh -I	6.50	179465	31° 22' 27.183" 31° 22' 23.917" 31° 22' 19.303" 31° 22' 24.970"	76° 50' 45.902" 76° 50' 56.907" 76° 50' 56.699" 76° 50' 46.555"	
	Clearing of Lantana 50%	Sadar	Panjgain	Panjgain	UPF Dhar Tatoh -II	7.50	207075	31° 22' 18.523" 31° 22' 13.969" 31° 22' 8.274" 31° 22' 14.871"	76° 50' 57.066" 76° 50' 47.469" 76° 50' 51.115" 76° 50' 58.738"	
	Clearing of Lantana 75%	Shri Naina Devi Ji	Kot	Palsed	UPF Illewal	6.92	240653	31° 23' 25.335" 31° 23' 16.263" 31° 23' 20.394" 31° 23' 29.442"	76° 25' 50.258" 76° 26' 1.108" 76° 25' 26' 4.974" 76° 25' 54.205"	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Clearing of Lantana 75%	Shri Naina Devi Ji	Bassi	Dabat	UPF Kudini	14.00	486871	31° 19' 6.205" 31° 18' 53.264" 31° 18' 57.893" 31° 19' 9.441"	76° 27' 37.057" 76° 27' 45.065" 76° 27' 52.203" 76° 27' 48.384"	
	Clearing of Lantana 75%	Shri Naina Devi Ji	Bhakhra	Jandour	UPF Jandour	10.00	347765	31° 19' 22.399" 31° 19' 18.505" 31° 19' 20.108" 31° 19' 25.541"	76° 27' 45.955" 76° 27' 44.470" 76° 27' 29.126" 76° 27' 44.138"	
	Clearing of Lantana 75%	Sadar	Bharmapukhar	Deoth	DPF Luharda	6.00	208659	31° 14' 40.880" 31° 14' 35.367" 31° 14' 29.319" 31° 14' 38.336"	76° 49' 56.263" 76° 49' 58.559" 76° 50' 1.916" 76° 50' 1.603"	
	Clearing of Lantana 75%	Swarghat	Swahan	Swahan	UPF Dhara	12.00	417318	31° 14' 45.817" 31° 14' 37.843" 31° 14' 42.619" 31° 14' 47.657"	76° 37' 37.322" 76° 37' 53.254" 76° 38' 3.071" 76° 37' 42.262"	
	Clearing of Lantana 75%	Swarghat	Swahan	Behal	UPF Kehrian	10.00	347765	31° 16' 13.606" 31° 16' 4.614" 31° 16' 0.836" 31° 16' 10.696"	76° 42' 2.841" 76° 42' 12.698" 76° 42' 26.925" 76° 42' 7.076"	
	Clearing of Lantana 75%	Sadar	Panjgain	Panjgain	UPF Kanoun	5.00	173883	31° 22' 54.062" 31° 22' 44.141" 31° 22' 51.746" 31° 22' 48.396"	76° 50' 44.477" 76° 50' 50.297" 76° 50' 55.091" 76° 50' 45.881"	
	Clearing of Lantana 75%	Sadar	Panjgain	Panjgain	UPF Kanoun	5.00	173883	31° 22' 43.832" 31° 22' 42.447" 31° 22' 39.588" 31° 22' 43.618"	76° 50' 37.254" 76° 50' 42.382" 76° 50' 52.772" 76° 50' 51.214"	
	Clearing of Lantana 75%	Sadar	Panjgain	Chhakoh	UPF Malokhar	5.00	173883	31° 18' 44.698" 31° 18' 35.878" 31° 18' 40.750"	76° 54' 27.486" 76° 54' 25.983" 76° 54' 32.559"	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
									31° 18' 31.959"	76° 54' 42.580"	
									31° 18' 28.050"	76° 54' 38.865"	
	Clearing of Lantana 75%		Sadar	Panjgain	Chhakoh	UPF Malokhar	5.00	173883	31° 18' 44.698"	76° 54' 27.486"	
									31° 18' 35.878"	76° 54' 25.983"	
									31° 18' 40.750"	76° 54' 32.559"	
									31° 18' 31.959"	76° 54' 42.580"	
									31° 18' 28.050"	76° 54' 38.865"	
	Clearing of Lantana 75%		Sadar	Panjgain	Panjgain	UPF Solag Jurasi	10.00	347765	31° 21' 12.824"	76° 49' 31.441"	
									31° 20' 58.894"	76° 49' 37.008"	
									31° 21' 8.642"	76° 49' 43.802"	
									31° 21' 14.254"	76° 49' 32.983"	
	Clearing of Lantana 75%		Sadar	Panjgain	Panjgain	UPF Balag Ka Ghat	6.00	208659	31° 20' 25.914"	76° 51' 39.040"	
									31° 20' 20.241"	76° 51' 35.420"	
									31° 20' 17.581"	76° 51' 45.372"	
									31° 20' 23.471"	76° 51' 41.599"	
	Clearing of Lantana 75%		Sadar	Panjgain	Chhakoh	UPF Malokhar	5.00	173883	31° 18' 40.645"	76° 54' 23.196"	
									31° 18' 32.941"	76° 54' 28.084"	
									31° 18' 31.284"	76° 54' 20.497"	
									31° 18' 39.557"	76° 54' 21.464"	
	Clearing of Lantana 75%		Sadar	Sadar	Kuddi	DPF Baryance	7.00	243436	31° 23' 3.247"	76° 47' 56.678"	
									31° 22' 52.574"	76° 47' 53.777"	
									31° 22' 52.574"	76° 48' 2.425"	76°
									31° 23' 3.11"	48' 3.93"	
	Clearing of Lantana 75%		Sadar	Sadar	Kuddi	DPF Baryance	7.00	243436	31° 23' 14.26"	76° 47' 57.43"	76°
									31° 23' 3.98"	47' 57.64"	76° 48'
									31° 23' 16.59"	5.13"	76° 48' 6.21"
									31° 23' 4.07"		
	Clearing of Lantana 75%		Sadar	Sadar	Kuddi	DPF Kuddi	7.00	243436	31° 23' 3.247"	76° 47' 56.678"	
									31° 22' 52.574"	76° 47' 53.777"	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
								31° 23' 3.11"	76° 48' 3.93"	76° 48' 2.425"
	Clearing of Lantana 75%		Sadar	Sadar	Kuddi	DPF Kuddi	8.00	278212	31° 24' 37.234"	76° 48' 20.469"
	Clearing of Lantana 75%		Sadar	Sadar	Kothipura	UPF Parnali	6.00	208659	31° 24' 31.716"	76° 48' 19.294"
	Clearing of Lantana 75%		Sadar	Sadar	Kothipura	UPF Parnali	1.50	52165	31° 24' 42.885"	76° 48' 28.139"
	Clearing of Lantana 75%		Sadar	Sadar	Kothipura	UPF Parnali	2.50	86941	31° 24' 31.709"	76° 48' 28.08"
	Clearing of Lantana 75%		Sadar	Sadar	Kothipura	UPF Parnali	6.00	208659	31° 17' 31.544"	76° 47' 6.7"
	Clearing of Lantana 75%		Sadar	Sadar	Kothipura	UPF Parnali	1.50	52165	31° 17' 18.406"	47° 42.167"
	Clearing of Lantana 75%		Sadar	Sadar	Kothipura	UPF Parnali	1.50	52165	31° 17' 28.252"	76° 47' 41.028"
	Clearing of Lantana 75%		Sadar	Sadar	Kothipura	UPF Parnali	1.50	52165	31° 17' 20.541"	76° 47' 46.899"
	Clearing of Lantana 75%		Sadar	Sadar	Kothipura	UPF Parnali	1.50	52165	31° 17' 3.16"	76° 47' 34.669"
	Clearing of Lantana 75%		Sadar	Sadar	Kothipura	UPF Parnali	1.50	52165	31° 17' 1.28"	76° 47' 37.583"
	Clearing of Lantana 75%		Sadar	Sadar	Kothipura	UPF Parnali	1.50	52165	31° 17' 6.261"	76° 47' 38.1"
	Clearing of Lantana 75%		Sadar	Sadar	Kothipura	UPF Parnali	1.50	52165	31° 17' 5.321"	47° 42.329"
	Clearing of Lantana 75%		Sadar	Sadar	Kothipura	UPF Parnali	2.50	86941	31° 17' 40" 31° 17' 34.844"	76° 45' 8.366"
	Clearing of Lantana 75%		Sadar	Sadar	Kothipura	UPF Parnali	2.50	86941	31° 17' 31.358"	76° 45' 9.066"
	Clearing of Lantana 75%		Sadar	Sadar	Kothipura	UPF Parnali	2.50	86941	31° 17' 29.852"	76° 45' 12.478"
	Clearing of Lantana 75%		Sadar	Panjkain	Chamyon	DPF Chamyon	5.00	173883	31° 22' 3.427"	76° 51' 14.68"
	Clearing of Lantana 75%		Sadar	Panjkain	Chamyon	DPF Chamyon	5.00	173883	31° 21' 59.811"	76° 51' 51.21531"
	Clearing of Lantana 75%		Sadar	Panjkain	Chamyon	DPF Chamyon	5.00	173883	31° 22' 11.374"	76° 51' 20.3"
	Clearing of Lantana 75%		Sadar	Panjkain	Chamyon	DPF Chamyon	5.00	173883	31° 22' 5.648"	76° 51' 25.147"
	Clearing of Lantana 75%		Sadar	Panjkain	Chamyon	DPF Chamyon	5.00	173883	31° 22' 11.374"	76° 51' 20.3"
	Clearing of Lantana 75%		Sadar	Panjkain	Chamyon	DPF Chamyon	5.00	173883	31° 21' 55.968"	76° 51' 51.10363"
	Clearing of Lantana 75%		Sadar	Panjkain	Chamyon	DPF Chamyon	5.00	173883	31° 21' 52.687"	76° 51' 18.298"
	Clearing of Lantana 75%		Sadar	Panjkain	Chamyon	DPF Chamyon	5.00	173883	31° 21' 58.289"	76° 51' 21.495"
	Clearing of Lantana 75%		Swarghat	Swahan	Behal	UF Behal	6.00	208659	31° 13' 55.067"	76° 37' 20.747"
	Clearing of Lantana 75%		Swarghat	Swahan	Behal	UF Behal	6.00	208659	31° 13' 53.626"	76° 37' 25.272"
	Clearing of Lantana 75%		Swarghat	Swahan	Behal	UF Behal	6.00	208659	31° 13' 42.695"	76° 37' 22.83"
	Clearing of Lantana 75%		Swarghat	Swahan	Behal	UF Behal	6.00	208659	31° 13' 46.819"	76° 37' 37.1358"



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Clearing of Lantana 75%		Swarghat	Swahan	Behal	UF Behal	5.00	173883	31° 13' 59.648" 31° 13' 57.932" 31° 13' 53.738" 31° 13' 55.053"	76° 36' 42.327" 76° 36' 51.694" 76° 36' 50.742" 76° 36' 39.801"
	Clearing of Lantana 75%		Swarghat	Swahan	Behal	UF Behal	5.00	173883	31° 13' 56.118" 31° 13' 56.42" 31° 13' 50.986" 31° 13' 49.077"	76° 37' 4.819" 76° 37' 10.078" 76° 37' 10.308" 76° 37' 2.256"
	Clearing of Lantana 75%		Kalol	Malhot	Chalawa	UPF Durghat	6.24	217061	31° 19' 4.26" 31° 19' 2.856" 31° 19' 14.359" 31° 19' 13.668"	76° 38' 6.42" 76° 38' 16.987" 76° 38' 14.802" 76° 38' 9.123"
	RCC Fencing of Land Banks (Penal CA)		Sadar	Sadar	Kuddi	DPF Baryance	1.50	63525	31° 22' 50.217" 31° 22' 38.802" 31° 22' 39.291" 31° 22' 50.386"	76° 48' 11.729" 76° 48' 15.824" 76° 48' 24.890" 76° 48' 26.786"
	RCC Fencing of Land Banks (Penal CA)		Kalol	Bachhretu	Koserian	UPF Badgaon	1.00	42350	31° 26' 44.849" 31° 26' 42.34" 31° 26' 43.975" 31° 26' 46.147"	76° 29' 52.498" 76° 29' 56.776" 76° 29' 58.983" 76° 29' 54.927"
	Clearing of Lantana 50% (Penal CA)		Sadar	Sadar	Kuddi	DPF Baryance	1.50	41415	31° 22' 50.217" 31° 22' 38.802" 31° 22' 39.291" 31° 22' 50.386"	76° 48' 11.729" 76° 48' 15.824" 76° 48' 24.890" 76° 48' 26.786"
	Clearing of Lantana 75% (Penal CA)		Kalol	Bachhretu	Koserian	UPF Badgaon	1.00	34777	31° 26' 44.849" 31° 26' 42.34" 31° 26' 43.975" 31° 26' 46.147"	76° 29' 52.498" 76° 29' 56.776" 76° 29' 58.983" 76° 29' 54.927"
						Total	450.06	16982396		
	Raising of Nursery									
	Chil/OBL Species		-	-	-	-	100000.00	2696700	--	--
						Total	100000.00	2696700		



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)	
							Phy.	Fin.	Lat.	Long.		
							Total					
Plantations												
Plantations in Land Banks With (RCC)												
	Planting in RCC LBs	Shri Naina Devi Ji	Kot	Kot	UPF Bhandran	1.00	49676	--	--			
					Total	1.00	49676					
					Total	1.00	49676					
Maintenance of old Plantations												
1st Year Maintenance												
	Maintenance of Old Plantaions	Sadar	Panjgain	Panjgain	DPF Dhaun Kothi	10.00	100100	--	--			
	Maintenance of Old Plantaions	Shri Naina Devi Ji	Kot	Kot	UF Kanguwali-IIInd	10.00	100100	--	--			
	Maintenance of Old Plantaions	Ghumarwin	Harlog	Dhangoo	UF Umari	29.00	290290	--	--			
	Maintenance of Old Plantaions	Shri Naina Devi Ji	Kot	Kot	UF Kanguwali-Ist	30.00	300300	--	--			
	Maintenance of Old Plantaions	Shri Naina Devi Ji	Bhakra	Jandour	UF Rod Jaman	30.00	300300	--	--			
	Maintenance of Old Plantaions	Sadar	Sadar	Kuddi	DPF Baryance	12.00	120120	--	--			
	Maintenance of Old Plantaions	Kalol	Bachrettu	Bachrettu	DPF C-5 Boungeari	0.26	2562	--	--			
	Maintenance of Old Plantaions	Shri Naina Devi Ji	Kot	Lehari	UF Lehari	7.00	70070	--	--			
	Maintenance of Old Plantaions	Shri Naina Devi Ji	Bhakra	Jandour	UF Jandour	10.00	100100	--	--			
	Maintenance of Old Plantaions	Kalol	Malhot	Kharli	UPF Kakerhar	0.50	5005	--	--			
					Total	138.76	1388947					
4th Year Maintenance												



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maintenance of Old Plantaions		Sadar	Sadar	Lakhanpur	UF Bandla	0.56	1952	--	--
	Maint.		Sadar	Sadar	Lakhanpur	UF Bandla	13.00	45474	-	-
						Total	13.56	47426		
	5th Year Maintenance									
	Maintenance of Old Plantaions		Kalol	Malhot	Amrotan	UF Balh Chalog	6.38	22317	--	--
						Total	6.38	22317		
	6th Year Maintenance									
	Maintenance of Old Plantaions		Swarghat	Swarghat	Zakatkhana	C-5 Chab	12.53	43830	--	--
	Maintenance of Old Plantaions		Sadar	Panjgain	Panjgain	UF Dhar Tatoh	25.00	87450	--	--
	Maintenance of Old Plantaions		Sadar	Sadar	Kuddi	DPF Baryance	10.00	34980	--	--
	Maintenance of Old Plantaions		Sadar	Brahampukhar	Deoth	UF Bhajoon	13.00	45474	--	--
	Maintenance of Old Plantaions		Sadar	Brahampukhar	Bhadharpur	UF Gutrahan	12.00	41976	--	--
						Total	72.53	253710		
	7th Year Maintenance									
	Maintenance of Old Plantaions		Sadar	Sadar	Kuddi	DPF Baryance	20.00	69960	--	--
	Maintenance of Old Plantaions		Sadar	Sadar	Binoula	UF Sihra	10.00	34980	--	--
	Maintenance of Old Plantaions		Sadar	Sadar	Kuddi	UF Jungle Jhaleda	10.00	34980	--	--
	Maintenance of Old Plantaions		Kalol	Malhot	Amrotan	C-6 Amrotan	30.00	104940	--	--
	Maintenance of Old Plantaions		Kalol	Kalol	Malraon	UF Dholag Chaknar	5.00	17490	--	--



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maintenance of Old Plantaions		Kalol	Bachrettu	Bachrettu	C-6 Anti	5.00	17490	--	--
	Maintenance of Old Plantaions		Kalol	Bachrettu	Bachrettu	UF Piungli	5.00	17490	--	--
	Maintenance of Old Plantaions		Kalol	Bachrettu	Koserian	UF Koserian	5.00	17490	--	--
	Maintenance of Old Plantaions		Kalol	Bachrettu	Duhak	C-1 Wansa	7.16	25046	--	--
	Maintenance of Old Plantaions		Kalol	Kalol	Gah	DPF Gadyana	5.00	17490	--	--
	Maintenance of Old Plantaions		Shri Naina Devi Ji	Bhakra	Samtehan	UPF Patti	50.00	174900	--	--
	Maintenance of Old Plantaions		Swarghat	Swarghat	Zakatkhana	C-4 Jhal	10.00	34980	--	--
	Maintenance of Old Plantaions		Swarghat	Swarghat	Baner	UF Baner	10.00	34980	--	--
	Maintenance of Old Plantaions		Ghumarwin	Ghumarwin	Sadyar	C-16 b & c Rahat	10.00	34980	--	--
						Total	182.16	637196		
8th Year Maintenance										
	Maintenance of Old Plantaions		Ghumarwin	Harlog	Malaywar	DPF Rohin Jol	70.00	244860	--	--
	Maintenance of Old Plantaions		Shri Naina Devi Ji	Bassi	Dabat	UF Ghatewal	31.20	109138	--	--
						Total	101.20	353998		
9th Year Maintenance										
	Maintenance of Old Plantaions		Shri Naina Devi Ji	Bassi	Dabat	UF Ghatewal	68.79	240627	--	--
						Total	68.79	240627		
10th Year Maintenance										



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maintenance of Old Plantaions		Sadar	Panjgain	Panjgain	DPF Sangan	20.00	69960	--	--
	Maintenance of Old Plantaions		Sadar	Panjgain	Jamthal	DPF Jamthal	20.00	69960	--	--
	Maintenance of Old Plantaions		Shri Naina Devi Ji	Bassi	Dabat	UF Dabat	20.00	69960	--	--
	Maintenance of Old Plantaions		Shri Naina Devi Ji	Bhakra	Gwalthai	UF Lehari	40.00	139920	--	--
	Maintenance of Old Plantaions		Shri Naina Devi Ji	Bassi	Bassi	Bassi	20.00	69960	--	--
	Maintenance of Old Plantaions		Kalol	Bachrettu	Bachrettu	C-5 Bounger	20.00	69960	--	--
						Total	140.00	489720		
						Total	723.37	3433941		
						Total		23162713		
2	Name of Division - Kunihar									
	Maintenance of old Plantations									
	1st Year Maintenance									
	2nd Year Maintenance									
	Plantation		Kuthar	Kuthar	Kuthar	UPF Bishanpur	5.44	36742	-	-
						Total	5.44	36742		
	3rd Year Maintenance									
	4th Year Maintenance									
	Plantation		Darlaghat	Danoghat	Danoghat	D-51 Sherghakharu	7.60	26585	-	-
						Total	7.60	26585		
	5th Year Maintenance									
	Plantation		Kunihar	Kunihar	Chandi	UF Badu	0.70	2449	-	-
						Total	0.70	2449		
	6th Year Maintenance									



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Plantation		ARki	Arki	Sharon	Shron DPF	10.00	34980	-	-
	Plantation		Arki	Jainagar	Sai	Kurmula DPF	10.00	34980	-	-
	Plantation		Darlaghat	Danoghat	Chandi	UPF Kangri	5.00	17490	-	-
	Plantation		Darlaghat	Darlaghat	Manlog	UPF Pachhiur	5.00	17490	-	-
	Plantation		Kunihar	Chandi	Gharech	UPF Bajthana	5.00	17490	-	-
						Total	35.00	122430		
	7th Year Maintenance									
	Plantation		Kunihar	Chandi	Gharsi	UF Bajthana	10.00	34980	-	-
	Plantation		Kuthar	Patta	Patta	U-464 Shukal	10.00	34980	-	-
	Plantation		Kuthar	Kuthar	Shaktighat	U-447 Janjoya	10.00	34980	-	-
	Plantation		Arki	Jainagar	Sai	DPF Tira	10.00	34980	-	-
						Total	40.00	139920		
	8th Year Maintenance									
	Plantation		Arki	Arki	Manjhu	Rahoo UPF	16.00	55968	-	-
	Plantation		A	Jainagar	Bainjhatti	Jeoli Karoli	10.00	34980	-	-
	Plantation		Arki	Jainagar	Sai	DPF Kanlah	10.00	34980	-	-
	Plantation		Arki	Arki	Sharon	Kasyat	10.00	34980	-	-
	Plantation		Arki	Arki	Sharon	DPF-Shanan	10.00	34980	-	-
	Plantation		Kunihar	Chandi	Goela	DPF- Baragran	10.00	34980	-	-
	Plantation		Kunihar	Chandi	Chandi	UPF- Natal	10.00	34980	-	-
	Plantation		Kunihar	Chandi	Chandi	UPF- Natal	10.00	34980	-	-
	Plantation		Kunihar	Kunihar	Bani	UPF- Namhol	10.00	34980	-	-
	Plantation		Kunihar	Kunihar	Domehar	DPF- Dhao ki Dhar	10.00	34980	-	-
	Plantation		Kunihar	Kunihar	Devdhar	UPF- Uchagaon	10.00	34980	-	-
	Plantation		Darlaghat	Darlaghat	Manlog	U-159 Baga Baghal	10.00	34980	-	-
	Plantation		Darlaghat	Danoghat	Danoghat	D-51 Sherghakharu	10.00	34980	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
	Plantation		Darlaghat	Danoghat	Danoghat	D-51 Sherghakharu c5	10.00	34980	-	-	
	Plantation		Darlaghat	Danoghat	Mangoo	D-52 Baeril	17.00	59466	-	-	
	Plantation		Darlaghat	Danoghat	Chandi	UF- Pazina	10.00	34980	-	-	
	Plantation		Kuthar	Kuthar	Bandh	U405 Barota	15.00	52470	-	-	
	Plantation		Kuthar	Patta	Patta	D101 Dhanion	10.00	34980	-	-	
	Plantation		Kuthar	PAtta	PAtta	U466 Kasal	10.00	34980	-	-	
	Plantation		Kuthar	Patta	Awar	U426 Paphlota	10.00	34980	-	-	
	Plantation		Kutahr	Patta	Patta	U469 Tujhar	10.00	34980	-	-	
	Plantation		Kuthar	Surajpur	Suarpur	U477 Kotla	15.00	52470	-	-	
	Plantation		Kuthar	Surajpur	Khrota	U-510 Khattapani	10.00	34980	-	-	
						Total	253.00	884994			
	9th Year Maintenance										
	Plantation		Arki	Arki	Manjhu	Manan	5.00	17490	-	-	
	Plantation		All Range	All Block	All Beat	Kunihar Division	260.00	909480	-	-	
						Total	265.00	926970			
	10th Year Maintenance										
	Plantation		All Ranges	All Block	All Beat	Kunihar Division	190.00	664620	-	-	
						Total	190.00	664620			
						Total	796.74	2804709			
						Total		2804709			
	Name of Circle - Chamba										
3	Name of Division - Bharmour										
	Maintenance of old Plantations										
	1st Year Maintenance										



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Plantation		Trehta	barabanchow	Bajol	Guwad CA	2.75	34425	-	-
	-		Trehta	Barabanchoo	Bajol	Bajol	2.75	34425	-	-
	-		Bharmour	Sandi	Hadsar	Thalla Kuhora DPF	24.34	304688	-	-
	Maint.		Bharmour	Sandi	Hadsar	Balmuie DPF	5.00	62590	-	-
	Maint.		Trehta	Lamu	Banog	Bhatada	4.76	59586	-	-
	Maint.		Trehta	Lamu	Chanhail	Arga DPF	5.00	62590	-	-
	Maint.		Trehta	Lamu	Banog	Dalli DPF	10.00	125180	-	-
	Maint.		Bharmour	Bharmour	Lahal	Chho CA	15.00	187770	-	-
	Maint.		Bharmour	Bharmour	Lahal	Lahal CA	12.50	156475	-	-
	Maint.		Bharmour	Sandi	Sirdi	Kutasan-I	10.00	125180	-	-
	Maint.		Bharmour	Sandi	Sirdi	Kutasan-II	10.00	125180	-	-
						Total	102.10	1278088		
	3rd Year Maintenance									
	Maint.		Bharmour	Bharmour	Arki	Khani Phat I	11.50	50284	-	-
	Maint.		Bharmour	Bharmour	Arki	Khani Phat-II	10.00	43725	-	-
	Maint.		Bharmour	Bharmour	Sinur	Dhrun	10.00	43725	-	-
	Maint.		Bharmour	Bharmour	Sinur	Raittan	10.10	44162	-	-
	Maint.		Bharmour	Sandi	Sirdi	Machater	9.96	43550	-	-
	Maint.		Bharmour	Sandi	Sirdi	Gaglas	10.00	43725	-	-
	Maint.		Swai	Ranukothi	Aura	Sulia-II	1.00	4373	-	-
						Total	62.56	273544		
	4th Year Maintenance									
	Maint.		Swai	Ranukothi	Aura	Sullia-II	4.00	17490	-	-
						Total	4.00	17490		
	5th Year Maintenance									
	Maint.		Bharmour	Bharmour	Lahal	Naini Nalla	4.95	21644	-	-
						Total	4.95	21644		
	6th Year Maintenance									



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
								Maint.		Bharmour	Bharmour
	Maint.		Bharmour	Bharmour	Lahal	Chakratha	5.00	21863	-	-	
	Maint.		Bharmour	Bharmour	Lahal	Rehla	5.00	21863	-	-	
						Total	15.80	69086			
7th Year Maintenance											
	Maint.		Bharmour	Sandi	Chobia	Dhanore	10.00	43725	-	-	
	Maint.		Swai	Ranukothi	Ranukothi	Khanog Samra	10.00	43725	-	-	
	Maint.		Swai	Ranukothi	Ranukothi	Magloon	10.00	43725	-	-	
	Maint.		Swai	Ranukothi	Aura	Thap Naie	12.00	52470	-	-	
	Maint.		Swai	Banni	Mandha	Sulo	16.00	69960	-	-	
	Maint.		Bharmour	Bharmour	Lahal	Duga Banad-II	10.00	43725	-	-	
	Maint.		Bharmour	Sandi	Sirdi	Khod Nalla	10.00	43725	-	-	
	MAINT.		Bharmour	Sandi	Sirdi	Bimal	10.00	43725	-	-	
	Maint.		Bharmour	Sandi	Chobia	Kalasapar	10.00	43725	-	-	
						Total	98.00	428505			
8th Year Maintenance											
	Maint.		Bharmour	Sandi	Chobia	Suppa-II	15.00	65588	-	-	
	Maint.		b	Sandi	Chobia	Chaini	10.00	43725	-	-	
	Maint.		Bharmour	Bharmour	Bharmour	Bharmani	10.00	43725	-	-	
	Maint.		Bharmour	Bharmour	Gharadu	Dadma	10.00	43725	-	-	
	Maint.		Swai	Garola	Swai	Jura	10.00	43725	-	-	
	Maint.		Swai	Ranukothi	Ranukothi	Jagat	10.00	43725	-	-	
	Maint.		Swai	Ranukothi	Aura	Thalla	10.00	43725	-	-	
	Maint.		Swai	Ranukothi	Ranukothi	Gudeth	10.00	43725	-	-	
	Maint.		Trehta	Barabanchoo	Nayagran	Nayagran	10.00	43725	-	-	
	Maint.		Trehta	Lamu	Chanhail	Chanhail	10.00	43725	-	-	
	Maint.		Trehta	Holi	Deol	Banthu	10.00	43725	-	-	
	Maint.		Trehta	Holi	Deol	Andruin	10.00	43725	-	-	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
	Maint		Bharmour	Bharmour	Gharadu	Pranghalla-II	10.00	43725	-	-	
	Maint.		Bharmour	Bharmour	Arki	Khani Phat	10.00	43725	-	-	
	Maint.		Bharmour	Bharmour	Lahal	Banani	10.00	43725	-	-	
	Maint.		Bharmour	Bharmour	Lahal	Rakhon	10.00	43725	-	-	
	Maint.		Trehta	Holi	Deol	Kured	20.00	87450	-	-	
	Maint.		Swai	Ranukothi	Aura	Suhlia	10.00	43725	-	-	
	Maint.		Bharmour	Sandi	Sirdi	Harchu	10.00	43725	-	-	
	Maint.		Bharmour	Sandi	Chobia	Ghatore	10.00	43725	-	-	
						Total	215.00	940088			
9th Year Maintenance											
	Maint.		Bharmour	Sandi	Sirdi	Supa-I	15.00	65588	-	-	
	Maint.		Bharmour	Sandi	Sirdi	Kutasan	10.00	43725	-	-	
	Maint.		Bharmour	Sandi	Sirdi	Gaglas	16.00	69960	-	-	
	Maint.		Swai	Ranukothi	Ranukothi	Luna	10.00	43725	-	-	
	Maint.		Trehta	Holi	Deol	Phat	15.00	65588	-	-	
						Total	66.00	288585			
10th Year Maintenance											
	Maint.		Bharmour	Sandi	Hadsar	Balmuie	20.00	87450	-	-	
	Maint.		Bharmour	Sandi	Chobia	Gudagar	10.00	43725	-	-	
	Maint.		Bharmour	Bharmour	Lahal	Duga Banar	10.00	43725	-	-	
	Maint.		Swai	Garola	Ullansa	Jarola	12.00	52470	-	-	
	Maint.		Trehta	Lamu	Banog	Saloon	19.00	83078	-	-	
	Maint.		Trehta	Lamu	Sutkar	Kuthed-II	13.00	56843	-	-	
	Maint.		Swai	Garola	Garola	Garola	10.00	43725	-	-	
						Total	94.00	411015			
						Total	662.41	3728043			
						Total		3728043			
4	Name of Division - Chamba										



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
Amount in (Rs.)										
Advance Works										
RCC Fencing of Land Banks										
	Advance fencing		Lower Chamba	Silla	Sarol	Bannu DPF	5.00	211750	-	-
	Advance		Lower Chambaaa	Silla	Sarol	Mohari DPF	2.76	116886	-	-
	Advance		Lower Chamba	Chhabaru	Bhalka	Bharian Kothi	2.00	84700	-	-
						Total	9.76	413336		
Plantations										
Plantations in Land Banks With (RCC)										
	Plantation		Tikri	Chanju	Chanju	Jakhla & Mehal DPF	32.00	1355200	-	-
	Plantation		Masroond	Pukhri	Ghargran	Thanas	2.50	105875	-	-
	Plantation		Upper Chamba	Bakani	Kalandra	not given	0.25	10588	-	-
	Plantation		Upper Chamba	Chhatradi	Chhatradi	Chachian	20.00	847000	-	-
	Plantation		Upper Chamba	Kundi	Kundi	Kundi	20.00	847000	-	-
	Plantation		Upper Chamba	Bakani	Kalandra	Gagala	5.50	232925	-	-
	Plantation		Upper Chamba	Bakani	Kalandra	Mala	30.00	1270500	-	-
	Plantation		Upper Chamba	Kundi	Kalandra	Jajaua	5.00	211750	-	-
	Plantation		Upper Chamba	Kundi	Kalandra	Beota	10.00	423500	-	-
	Plantation		Masroond	Pukhri	Kiani	Dotu Saloth	33.00	1397550	-	-
						Total	158.25	6701888		
Maintenance of old Plantations										
1st Year Maintenance										
	Maintenance		Tikri	Chanju	Chanju	Kuna & Sheru wet land	52.00	520520	-	-
						Total	52.00	520520		
2nd Year Maintenance										
	Maint.		Lower Chamba	Silla	Baror	Kuther-I	9.00	60786	-	-
	Maint.		Lower Chamba	Silla	Baror	Kuther-II	15.50	104687	-	-



HP State Authority – APO For the Year 2022-23

Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		
							Phy.	Fin.	Lat.	Long.	
							Total				
							24.50	165473			
3rd Year Maintenance											
	Maint.		Upper Chamba	Bakani	Bakani	Chidihi	9.00	31482	-	-	
							Total	9.00	31482		
4th Year Maintenance											
5th Year Maintenance											
	Maint.		Upper Chamba	Bakani	Kalandra	Sulah	6.50	22737	-	-	
	Maint.		Lower Chamba	Chamba	Shamdhara	Karrian DPF	5.50	19239	-	-	
							Total	12.00	41976		
6th Year Maintenance											
7th Year Maintenance											
	Maint.		Tikri	Chanju	Chanju	Banotu DPF	6.32	22107	-	-	
	Maint.		Masroond	Masroond	Chhatri	Hadunds DPF (Raila CA)	0.71	2484	-	-	
							Total	7.03	24591		
8th Year Maintenance											
	maint.		Lower Chamba	Chamba	Sarodi	Ora	5.00	17490	-	-	
	maint.		Lower Chamba	Silla	Baror	Karanger	5.00	17490	-	-	
	maint.		Masroond	Pukhri	Ghargran	Chanina	1.50	5247	-	-	
	Maint.		Masroond	Masroond	Kohal	Trag DPF	8.00	27984	-	-	
	Maint.		Masroond	Chhatri	Chhatri	Hadund DPF (Raila CA)	8.60	30083	-	-	
	Maint.		Upper Chamba	Bakani	Kalandra	Meh	19.50	68211	-	-	
	maint.		Tikri	Chanju	Baghei	Khander DPF	7.58	26515	-	-	
	Maint		Tikri	Chanju	Chanju	Banotu DPF	3.68	12880	-	-	
							Total	58.86	205899		
9th Year Maintenance											
	Maint.		Lower Chamba	Chamba	Sarodi	Ora	10.00	34980	-	-	
	Maint.		Lower Chamba	Chamba	Shamdhara	Luddu	10.00	34980	-	-	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maint.		Lower Chamba	Chamba	Shamdhar	Bhujja	10.00	34980	-	-
	Maint.		Lower Chamba	Chamba	Shamdhar	Sangera	10.00	34980	-	-
	Maint.		Lower Chamba	Chamba	Shamdhar	Gawala	10.00	34980	-	-
	Maint.		Lower Chamba	Chamba	Shamdhar	Banjah	10.00	34980	-	-
	Maint.		Lower Chamba	Chamba	Shamdhar	Rajera	10.00	34980	-	-
	Maint.		Masroond	Pukhri	Ghargran	Karanger	20.00	69960	-	-
	Maint.		Masroond	Pukhri	Ghargran	Chanina	8.50	29733	-	-
	Maint.		Masroond	Pukhri	Ghargran	Ghargran	10.00	34980	-	-
	Maint.		Masroond	Chhatri	Kalhel	Rakhalu	10.00	34980	-	-
	Maint.		Masroond	C	Kalhel	Badoh	10.00	34980	-	-
	Maint.		Masroond	Pukhri	Taryodi	Gatti	10.00	34980	-	-
	Maint.		Upper Chamba	Kundi	Kalwara	Meh	5.50	19239	-	-
	Maint.		Upper Chamba	Kundi	Kalwara	Kalewra DPF	15.00	52470	-	-
	Maint.		Upper Chamba	Kundi	Kalwara	Kalwara DPF	15.00	52470	-	-
	Maint.		Upper Chamba	Kundi	Kalwara	Malla DPF	25.00	87450	-	-
	Maint.		Tikri	Chanju	Baghei	Khander DPF	12.42	43445	-	-
	Maint.		Tikri	Chanju	Baghei	Dalotu	10.00	34980	-	-
	Maint.		Tikri	Jassor	Deola	Deola	10.00	34980	-	-
	Maint.		Upper Chamba	Jassor	Deola	Galodi	10.00	34980	-	-
	Maint.		Tikri	Jassor	Deola	Bagehi DPF	30.00	104940	-	-
						Total	271.42	949427		
	10th Year Maintenance									
	Maint.		Lower Chamba	Chamba	Gudda	Bendal	3.90	13642	-	-
	Maint.		Lower Chamba	Chamba	Gudda	Janjla	3.00	10494	-	-
	Maint.		Lower Chamba	Silla	Baror	Kuthed-I	15.00	52470	-	-
	Maint.		Lower Chamba	Silla	Baror	Kuthed-II	5.00	17490	-	-
	Maint.		Masroond	Masroond	Kandla	Saprash Rampur	15.00	52470	-	-
	Maint.		Masroond	Pukhri	Ghargran	Thanas	6.00	20988	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maint.		Tikri	Jassor	Deola	Langha	20.00	69960	-	-
	Maint.		Tikri	Chanju	Baghei	Kathwad	8.00	27984	-	-
						Total	75.90	265498		
						Total	510.71	2204867		
						Total		9320090		
5	Name of Division - Churah									
	Maintenance of old Plantations									
	8th Year Maintenance									
	maintenance of area		Tissa, Bhalei, Chakoli	0	0	0	121.03	423363	-	-
						Total	121.03	423363		
	9th Year Maintenance									
	Maintenance of works		Tissa, Bhalei,	0	0	0	244.00	853512	-	-
						Total	244.00	853512		
	10th Year Maintenance									
						Total	365.03	1276875		
						Total		1276875		
6	Name of Division - Dalhousie									
	Maintenance of old Plantations									
	1st Year Maintenance									
	1st maintenance		DAlhousie	Surkhigalla	Nagali	Sanjap	4.00	40040	-	-
	1st Maintenance		Bakloh	Nainikhad	Kakira	Behda DPF	5.00	50050	-	-
	1st Maintenance		Chowari	Kaintly	khadadanda	Thiri tapa	12.00	120120	-	-
	1st Maintenance		Bhattiyat	Tundi	Tundi	Banet DPF	7.00	70070	-	-
	1st Maintenance		Dalhousie	Dradha	Goli	Gandhiyar UPF	2.00	20020	-	-
	1st Maintenance		Chowari	Manhuta	Parsiyara	Darsana DPF	14.00	140140	-	-
	1st Maintenance		Chowari	Kainthly	khadadanda	Sundla -II DPF	5.00	50050	-	-
						Total	49.00	490490		



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
2nd Year Maintenance											
	2st Maintenance		Bhattiyat	Sihunta	Sohar	Manmassi	14.00	94556	-	-	
	2st Maintenance		Chowari	Kainthly	khadadanda	Sundla DPF	5.00	33770	-	-	
						Total	19.00	128326			
3rd Year Maintenance											
	3rd Maintenance		Dalhousie	Surkhigalla	Surkhigalla	Sanjap DPF	1.00	3498	-	-	
	3rd Maintenance		Bhattiyat	Sihunta	Sohar	Manmassi DPF	11.00	38478	-	-	
	Maint.		Dalhousie	Surkhigalla	Nagali	Sanjap DPF No.IV	7.00	24486	-	-	
						Total	19.00	66462			
4th Year Maintenance											
	4th Maintenance		Bhattiyat	Sihunta	Sohar	Manmassi DPF	8.00	27984	-	-	
						Total	8.00	27984			
5th Year Maintenance											
6th Year Maintenance											
	6th Maintenance		Dalhousie	Dradha	Goli	Gandhiyar	16.00	55968	-	-	
	6th Maintenance		Chowari	Kainthly	Awan	Sundla	20.00	69960	-	-	
						Total	36.00	125928			
7th Year Maintenance											
8th Year Maintenance											
	7th Maintenance		Bakloh	Mail	Kandei	Khirdidhar	10.00	34980	-	-	
	7th Maintenance		Bakloh	Mamul	Mamul	Tikkar Balera I-II	26.00	90948	-	-	
	7th Maintenance		Bakloh	Mamul	Mamul	Tikkar Balera	4.00	13992	-	-	
	7th Maintenance		Chowari	Chowari	Lower Chowari	Kulera	20.00	69960	-	-	
	7th Maintenance		Chowari	Chowari	Lower Chowari	Uttalu	17.00	59466	-	-	
	7th Maintenance		Bhattiyat	Motla	Motla	Tahu	100.00	349800	-	-	
						Total	177.00	619146			
9th Year Maintenance											



Amount in (Rs.)										
Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	8th Maintenance		Chowari	Kainthly	khadadanda	Dobu	20.00	69960	-	-
	8th Maintenance		Chowari	Chowari	Lower Chowari	Kulera/Utali	20.00	69960	-	-
	8th Maintenance		Chowari	Manhuta	Manhuta	Dharsana	13.00	45474	-	-
	8th Maintenance		Chowari	Manhuta	Parsiyara	Godra	20.00	69960	-	-
	8th Maintenance		Chowari	Raipur	Saloh	Nadal saloh	10.00	34980	-	-
						Total	83.00	290334		
	10th Year Maintenance									
	9th Maintenance		Bakloh	Mamul	Balera	Tikkar Balera	16.00	55968	-	-
						Total	16.00	55968		
						Total	407.00	1804638		
						Total		1804638		
	Name of Circle - Dharamshala									
7	Name of Division - Dharamshala									
	Advance Works									
	RCC Fencing of Land Banks									
	Wooden Fencing of Land Banks									
	COMPENSATORY AFFORESTATION		KANGRA	DAULTPUR	JALARI	UP 187 K Chatruh C-2	3.00	NaN	N 32002.07"	076014'45"
	COMPENSATORY AFFORESTATION		SHAHPUR	RIRKMAR	SHAHPUR	UP 1 K LAM C2	12.00	625200	32015.50"	076010.21"
	COMPENSATORY AFFORESTATION		SHAHPUR	RIRKMAR	SHAHPUR	UP 6K Dibba C2	34.00	1771400	N32017.54.5"	076010'45.0"
	COMPENSATORY AFFORESTATION		MALLAN	SAROTARI	KANDI	UP 253 K KHAWA C6A	7.00	364700	N31058.52.5"	076022'57.1"
	COMPENSATORY AFFORESTATION		MALLAN	SAROTARI	KANDI	UP 254 K KANDI C8	7.00	364700	N30058.02.4"	E760055.8"
	COMPENSATORY AFFORESTATION		MALLAN	SAROTARI	DANOA	CFS DANOA	1.00	52100	N31059.21"	E076019'18"



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
	COMPENSATORY AFFORESTATION	DHARAMSH ALA	DHARAMSHALA	DHARAMSHALA	P 49 KCB DHARAMSHA LA	3.00	156300	N32017054.5"	E760 10'45.3"		
	COMPENSATORY AFFORESTATION	DHARAMSH ALA	KARERI	KARERI	P 40KCB KARERI C-17	3.00	156300	N320 02.07"	E760 14'45"		
					Total	70.00	3490700				
	Raising of Nursery										
	RAISING OF NURSERY	-	-	-	-	102813.00	757063	N320 15.30"	0760 30.20"		
						Total	102813.00	757063			
						Total	102883.00	4247763			
	Maintenance of old Plantations										
	4th Year Maintenance										
	Maintenance of old Plantations	DHARAMSH ALA	KARERI	KARERI	P40 KCB KARERI	2.00	6360	N320 02.07"	E 760 14'45"		
	Maintenance of old Plantations	MALLAN	SAROTARI	DANOA	CFS DANOA	1.00	3180	N310 59.21"	E 760 19'18"		
						Total	3.00	9540			
	5th Year Maintenance										
	6th Year Maintenance										
	Maintenance of old Plantations	DHARAMSH ALA	KARERI	SALLI	P 40KCB KARERI C-17	15.62	49678	N320 02.07"	E 760 14.45"		
						Total	15.62	49678			
	7th Year Maintenance										
	8th Year Maintenance										
	Maintenance of old Plantations	DHARAMSH ALA	MECLODGANJ	DHARAMKOT	P 49 KCB DHARAMSHA LA	19.68	62567	N320 17.05.54.5"	E760 10'45.3"		
	Maintenance of old Plantations	SHAHPUR	RIRKMAR	RIRKMAR	UP18 K LAHRI	26.91	85577	N310 58.05.56"	E760 10.13"		
						Total	46.59	148144			



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
9th Year Maintenance										
	Maintenance of old Plantations		SHAHPUR	RIRKMAR	KANOL	P 2 K DHARINIDHA R	30.00	95400	E320 55.06"	E0760 12.15.3"
						Total	30.00	95400		
10th Year Maintenance										
	Maintenance of old Plantations		SHAHPUR	SHAHPUR	SHAHPUR	CFS SHAHPUR	33.50	106530	N320 02.54.5	E 0760 10'.10.45"
						Total	33.50	106530		
						Total	128.71	409292		
						Total		4657055		
8	Name of Division - Nurpur									
	Advance Works									
	RCC Fencing of Land Banks									
	Fencing		Nurpur	Sadwan	Sadwan	UP10 Sadwan C1	10.00	423500	32°21'59.09'	E75°53'9.54"
	RCC Fencing of Land Banks		Nurpur	Nurpur	Bindraban	UP 19 Bhadwar c10	4.00	169400	32°18'37.08"	075°55'34.2"
	RCC Fencing of Land Banks		Kotla	Kotla	Soldha	U-52- Soldha C-3	0.65	27443	N32°21'23.02'	E 75°58'947.3"
						Total	14.65	620343		
	Wooden Fencing of Land Banks									
	Stone Wall Fencing of Land Bank									
	Raising of Nursery									
	Raising of nursery		Nurpur	Nurpur	Nurpur	Raising of nursery in Nurpur	5000.00	52100	075°53'48.6"	32°18'16.6"
	Raising of Nursery		Nurpur	Nurpur	Sadwan	Raising of nursery in Manohra	10000.00	104200	75°53'19.65"	32°21'15.32"



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
	Raising of Nurser	Raising of Nursery y	Nurpur	Nurpur	Har	Raising of nursery in Har	10000.00	104200	75°56'04.01"	31°10'22.0"	
	Raising of Nursery		Nurpur	Indora	Bhadroya	Raising of nursery in Bhadroya	10000.00	104200	075°39'54.2"	32°15'07.3"	
	Raising of Nursery		Nurpur	Kotla	Kotla	Raising of nursery in Kotla	10000.00	104200	076°02'59.2"	32°14'30.9"	
	Raising of Nursery		Nurpur	Rey	Rey	Raising of nursery in Rey	10000.00	104200	075°52'9.04"	31°58'46.3"	
						Total	55000.00	573100			
						Total	55014.65	1193443			
Plantations											
Plantations in Land Banks With (RCC)											
	Plantation		Nurpur	Sadwan	Sadwan	UP10 Sadwan C1	6.00	298056	N32°21'59.09'	E 75°53'9.54"	
	Plantation		Nurpur	Nurpur	Bindraban	UP 19 Bhadwar c10	4.00	198704	32o18'37.08''	32o1075o55'34.2''	
	Plantation		Kotla	Kotla	Soldha	U-52- Soldha C-3	0.65	32190	N32°21'23.02'	E 75°58'947.3"	
						Total	10.65	528950			
						Total	10.65	528950			
Maintenance of old Plantations											
1st Year Maintenance											
	1st Year Maintenance		Nurpur	Sadwan	Sadwan	UP-10-Sadwan C-1	4.32	17626	-	-	
						Total	4.32	17626			
2nd Year Maintenance											
3rd Year Maintenance											
	Maint. of old plantatio		Indora	Damta	Malot	CFS Lodhwan U-5	9.50	30210	-	-	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
						Total	9.50	30210		
	4th Year Maintenance									
	5th Year Maintenance									
	Maint. of Old Pantation		Nurpur	Sadwan	Gurchal	UP-3- Khukher Khuwara	7.31	23246	-	-
						Total	7.31	23246		
	6th Year Maintenance									
	Maintenance of old Plantations		Jawali	Rehan	Gurial	UP70-Bari	1.00	3180	-	-
	Maintenance of old Plantations		Indora	Magwal	Raja Khassa	Tikka Raja Khassa	4.87	15487	-	-
						Total	5.87	18667		
	7th Year Maintenance									
	8th Year Maintenance									
	Maintenance of old Plantations		Kotla	Bagga	Nidholi	UP-83 Nidholi C-1	10.15	32277	-	-
	Maintenance of old Plantations		Indora	Damtal	Hagwal	UP-31-Gagwal C-1	10.00	31800	-	-
	Maintenance of old Plantations		Indora	Indora	Ghandran	Bella Ghandran	6.00	19080	-	-
	Maintenance of old Plantations		Jawali	Rehan	Gurial	U-70- Bari	25.00	79500	-	-
	Maintenance of old Plantations		Jawali	Fatehpur	Junat	U-13- Junat C-11	15.00	47700	-	-
	Maintenance of old Plantations		Nurpur	Sadwan	Aund	P-36- Bassa Farkunda C-2a, C-2B, C-4	17.25	54855	-	-
	Maintenance of old Plantations		Nurpur	Khanni	Haral	P-34N- Aund C-1 & UP9-Aund C-13	15.00	47700	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maintenance of old Plantations		Nurpur	Nurpur	Nurpur	CFS Ghain Lagore UC-22 & 29	10.00	31800	-	-
	Maintenance of old Plantations		Rey	Rey	Diana	UP-185- Diana C-10	15.00	47700	-	-
	Maintenance of old Plantations		Rey	Rey	Rey-II	CFS Rey U-19	20.00	63600	-	-
						Total	143.40	456012		
9th Year Maintenance										
	9th Year Maint.		Nurpur	Sadwan	Danni	UP-6 Danni, C-8	15.00	47700	-	-
	9th Year Maintenance		Indora	Indora	Ghandran	Bella Ghandran	44.00	139920	-	-
	9th Year Maintenance		Indora	Dhiala	Gangath	UP-35 Attahra	10.00	31800	-	-
	9th Year Maintenance		Indora	Dhiala	Dhiala	UP-115 Behri	20.00	63600	-	-
	9th Year Maintenance		Indora	Mangwal	Ghandran	UP-114 Madholi	23.00	73140	-	-
	9th Year Maintenance		Kotla	Bagga	Bagga	UP-80 Kuther, C-11	11.00	34980	-	-
						Total	123.00	391140		
10th Year Maintenance										
	10th Year Maint.		Nurpur	Khanni	Haral	UP-9 Aund =C-15	12.00	38160	-	-
	10th Year Maint.		Nurpur	Sadwan	Danni	UP-6 Danni, C-14 & 15	10.00	31810	-	-
	10th Year Maintenance		Indora	Mangwal	Rajakhassa	UP-114 Madholi, C-32b	10.00	31820	-	-
	10th Year Maint.		Indora	Mangwal	Ghoran	UP-92 Dharwal C-6	10.00	31830	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	10th Year Maintenance		Indora	Damtal	Damtal	UP-68 Bhadroya	10.00	31840	-	-
	10th Year Maint.		Indora	Gangath	Bhalakh	UP-66 Bhalakh, C-1	14.00	44590	-	-
	10th Year Maintenance		Kotla	Bagga	Nadhohli	UP-83 Nidholi, C-1	7.00	22302	-	-
						Total	73.00	232352		
						Total	366.40	1169252		
						Total		2891645		
9	Name of Division - Palampur									
	Advance Works									
	RCC Fencing of Land Banks									
	Wooden Fencing of Land Banks									
	plantation		Daroh	Daroh	Daroh	shamlat mohal malahu	3.00	156300	-	-
	Wooden Fencing of Land Banks		Baijnath	Deol	Deol	U25B Ban Deol C-4	9.00	468900	-	-
	Wooden Fencing of Land Banks		Baijnath	Deol	Deol	Ban Maufi Deol	10.00	521000	.	.
	Wooden Fencing of Land Banks		Jaisinghpur	Jaisinghpur	Balakrupi	P41J Dhar Balakrupi C2a	8.00	416800	-	-
	Wooden Fencing of Land Banks		Jaisinghpur	Jaisinghpur	Balakrupi	UP50P Sadda C-1	12.00	625200	-	-
	Wooden Fencing of Land Banks		Baijnath	Deol	Deol	U20B Dhug Nal C2	1.00	52100	-	-
	Wooden Fencing of Land Banks		Baijnath	Deol	Deol	U25B Ban Deol C-4	5.00	94314	-	-
	Wooden Fencing of Land Banks		Jaisinghpur	Gander	Lambagaon	Shamlat Maniyar	2.00	37726	-	-
						Total	50.00	2372340		
	Stone Wall Fencing of Land Bank									



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Raising of Nursery									
	raising of nursery		palampur	palampur	khalet	khalet	1.00	492400	-	-
	Raising of Nursery for New plantation for CA and Maintenance		Palampur	Palampur	Khalet	Khalet	50000.00	492500	-	-
	Raising of Nursery		Daroh	Daroh	Daroh	Shamlat Mohal Malahu	3300.00	32505	-	-
	Raising of Nursery		Palampur	Palampur	Khalet	Khalet	25000.00	246250	-	-
	Raising of Nursery		Palampur	Palampur	Khalet	Khalet	25000.00	246250	-	-
	Raising of Nursery		Baijnath	Baijnath	Baijnath	BAijnath	10000.00	98500	-	-
	Raising of Nursery		Daroh	Daroh	Daroh	Shamlat Mohal Malahu	50000.00	492500	-	-
	Raising of Nursery		Jaisinghpur	Jaisinghpur	Shivnagar	Gander	10000.00	98500	-	-
	Raising of Nursery		Daroh	Daroh	Daroh	Shamlat Mohal Malahu	5000.00	49250	-	-
						Total	178301.00	2248655		
						Total	178351.00	4620995		
	Maintenance of old Plantations									
	7th Year Maintenance									
	Maint.		-	-	-	-	32.00	111936	-	-
						Total	32.00	111936		
	8th Year Maintenance									
	9th Year Maintenance									
	10th Year Maintenance									
	Maint.		-	-	-	-	51.83	181300	-	-
						Total	51.83	181300		
						Total	83.83	293236		
						Total		4914231		
	Name of Circle - Hamirpur									



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
10	Name of Division - Dehra										
	Advance Works										
	RCC Fencing of Land Banks										
	Advance work Enmrichment planting 800 Plants per/hac		Dehra	Bankhandi	Bankhandi	U 15 D Tatan Kalan UC 19	15.00	676500	31-57-0.927	076-10-0.747	
			Dehra	Sadwan	Dhaliara	UC Barwara	5.00	225500	31-49-24	0786-10-37	
			Dehra	Sadwan	Sadwan	UC Dholu Bar	5.00	225500	31-47-39	076-12-44	
			Dehra	Sadwan	Bakarar	UC Nangal C1	10.00	451000	31-51-28	076-10-31	
			Dehra	Sadwan	Bakarar	UC Upper Thore C1	10.00	451000	31-51-55	076-08-09	
			Dehra	Pirsaluhi	Shantla	UC Pathiar C2	10.00	451000	31-43-48	76-18-12	
			Dehra	Pirsaluhi	Shantla	UC Ler C4	10.00	451000	31-44-13	76-17-10	
			Nagrota Surian	Khuman	Saproo	U 2 D Ladol C10	14.00	631400	32-01-58.53	076-11-22.82	
			Nagrota Surian	Khuman	Saproo	U2D Ladol C10 [ii]	10.00	451000	32-01-58.42	076-11-28.08	
			Nagrota Surian	N/Surian	Baldoa	U 9 D Baldoa C6b	10.00	451000	32-06-0432	076-04-967	
			Dadasiba	Kotla	Challan	UPF Bhanehar C2	10.00	451000	31-54-19	76-01-44	
			Dadasiba	Kotla	Dadoa	DP Dadoa C3	10.00	451000	31-54-24	75-59-06	
			Khundian	Majheen	Majheen	U 7 D Majheen C35	10.00	451000	31-50-39	076-24-20	
			Khundian	Majheen	Majheen	U 7 D Majheen C17	5.00	225500	31-82-17.38	076-40-27.88	
			Khundian	Khundian	Pihri	U 8 D Kuthialta C26	5.00	225500	31-53-42.09	076-25-34.06	
		Khundian	Khundian	Khundian	UP8 D Mahadev C5	5.00	225500	31-97-67.14	076-41-05.07		
	Lantana eradication @ 50%		Dehra	Sadwan	Dhaliara	UC Barwara	5.00	137000	31-49-24	0786-10-37	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
			Dadasiba	Kotla	Dadoa	DP Dadoa C3	10.00	274000	31-54-24	75-59-06
			Dadasiba	Kotla	Challan	UPF Bhanehar C2	10.00	274000	31-54-19	76-01-44
			Khundian	Khundian	Pihri	U 8 D Kuthialta C26	5.00	137000	31-53-42.09	076-25-34.06
	Lantana eradication @ 75%		Dehra	Dehra	Mangarh	CFS Paisa UC-53	5.00	185000	N-31-53-55	76-13-45
			Dehra	Dehra	Mangarh	CFS Paisa UC-67	10.00	370000	31-54-56	76-12-46
			Dehra	Bankhandi	Paisa	CFS Paisa UC 7	5.00	185000	31.9405309	76.2425262
			Dehra	Bankhandi	Bankhandi	U 15 D Tatan Kalan UC 19	15.00	555000	31-57-0.927	076-10-0.747
			Dehra	Sadwan	Sadwan	UC Dholu Bar	5.00	185000	31-47-39	076-12-44
			Dehra	Sadwan	Bakarar	UC Nangal C1	10.00	370000	31-51-28	076-10-31
			Dehra	Sadwan	Bakarar	UC Upper Thore C1	10.00	370000	31-51-55	076-08-09
			Dehra	Pirsaluhi	Shantla	UC Pathiar C2	10.00	370000	31-43-48	76-18-12
			Dehra	Pirsaluhi	Shantla	UC Ler C4	10.00	370000	31-44-13	76-17-10
			Nagrota Surian	Khuman	Saproo	U 2 D Ladol C10	14.00	518000	32-01-58.53	076-11-22.82
			Nagrota Surian	Khuman	Saproo	U2D Ladol C10 [ii]	10.00	370000	32-01-58.42	076-11-28.08
			Nagrota Surian	N/Surian	Baldoa	U 9 D Baldoa C6b	10.00	370000	32-06-0432	076-04-967
			Khundian	Majheen	Majheen	U 7 D Majheen C35	10.00	370000	31-50-39	076-24-20
			Khundian	Majheen	Majheen	U 7 D Majheen C17	5.00	185000	31-82-17.38	076-40-27.88
			Khundian	Khundian	Khundian	UP8 D Mahadev C5	5.00	185000	31-97-67.14	076-41-05.07
					Total	308.00	12274400			



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
							Total				
Plantations											
Plantations in Land Banks With (RCC)											
	Plantation		Dehra	Bankhandi	Paisa	CFS Paisa UC 7	5.00	264000	31-9405309	76-24-25262	
	Plantation		Dehra	Dehra	Mangarh	CFS Paisa UC 53	5.00	264000	31-53-55	076-13-45	
	Plantation		Dehra	Dehra	Mangarh	CFS Paisa UC 67	10.00	528000	31-54-56	076-12-46	
	Plantation		N/Surian	N/ Surian	Ghalua	P 1 D Ghanban C3b	2.25	118800	32.02.052	76-05-40.9	
	Plantation		N/Surian	N/ Surian	Ghalua	U 10 D Nagrota Surian C1 & C3	4.50	237600	32-03-278	076-06-611	
	Plantation		N/Surian	N/ Surian	Baldoa	UP 10 D Amlala C2	2.05	108500	32-05-03.13	076-05-04.74	
	Plantation		N/Surian	N/ Surian	Amlala	UP 10 D Amlala C2	1.50	79200	32-05-03.13	076-05-04.74	
						Total	30.30	1600100			
Plantations in Land Banks With (Wooden)											
	9th yewar maint		Dehra	Bankhandi	Tripal	CFS Tripal	9.00	28800	-	-	
						Total	9.00	28800			
Plantations in Land Banks With (Stone)											
						Total	39.30	1628900			
Maintenance of old Plantations											
9th Year Maintenance											
	Maint		Jawala Mukhi	Jawala Mukhi	Gummar	CFS Gummar C7	1.00	3200	-	-	
	MAINT		Dehra	Bankhandi	Tripal	CFS Tripal	9.00	28800	-	-	
						Total	10.00	32000			
10th Year Maintenance											
	maint		Jawala Mukhi	Jawala Mukhi	Gummer	CFS Gummer	1.00	3200	-	-	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	maint		Dehra	Bankhandi	Tripal	CFS Tripal	1.00	3200	-	-
	maint		Nagrota Surian	Khuman	Khuman	U 2 D Ladol c5	20.00	64000	-	-
						Total	22.00	70400		
						Total	32.00	102400		
						Total		14005700		
11	Name of Division - Hamirpur									
	Advance Works									
	RCC Fencing of Land Banks									
	Advance works		Hamirpur	Sujanpur	Patlander	UPF Spahal	5.00	225500	31*46'50.036"N,	76*28'28.283"E
	Advance works		Hamirpur	Hamirpur	Jhaniari	P 53 Samluhi C3 & C4	5.00	225500	31*46'50.036"N,	76*28'28.283"E
	Advance works		Hamirpur	Barsar	Sareri	U 203 Galore c1	1.00	45100	31*46'50.036"N,	76*28'28.283"E
	Advance works		Hamirpur	Hamirpur	Kuthera	UPF Tibbi	1.00	45100	31*46'50.036"N,	76*28'28.283"E
	Advance works		Hamirpur	Barsar	Kashmir/ Sareri	0.3603 ha. of Khasra No. 3602 and 0.0520 ha. of Khasra No. 3596 in Tika Galore Khas Mauja Galore in Galore Tehsil 0.5146 ha. Of Khasra No. 1778 in Tika Kashmir, Mauja Jassai, Tehsil Galore Distt Hamirpur HP.	0.93	41800	31*46'50.036"N,	76*28'28.283"E



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
	Advance works		Hamirpur	Hamirpur	Kuthera	0.5937 ha. of Khasra No. 260 in Tika Har Mauja Baluhak in Nadaun Tehsil 6.1452 ha. of Khasra No. 736 in tika Guhal Mauja Majhog Sultani in Hamirpur Tehsil	6.56	295856	31*46'50.036"N,	76*28'28.283"E	
	Advance works		Hamirpur	Nadaun	Batran	P 27 Basaral	2.16	97416	31*46'50.036"N,	76*28'28.283"E	
	Advance works		Hamirpur	Hamirpur	Chabutra	P-55 Dhar Chabutra C1c	7.00	315700	31*46'50.036"N,	76*28'28.283"E	
	Advance works		Hamirpur	Hamirpur	Karot	UPF Nihari	6.00	270600	31.77666 degree"N,	76.47214 degree E	
	Advance works		Barsar	Hareta	Sareri	U203-Galore c2	8.00	360800	31.77666 degree"N,	76.47214 degree E	
	Advance works		Nadaun	Kangoo	Kangoo	P-28 Bhounti c1b	13.00	586300	N 31.43'236	E 76.22'169	
						Total	55.65	2509672			
	Wooden Fencing of Land Banks										
	Stone Wall Fencing of Land Bank										
	Raising of Nursery										
	Nursery Raising		All ranges	All blocks	All beats	---	89922.00	NaN	-	-	
						Total	89922.00	0			
						Total	89977.65	2509672			
	Plantations										
	Plantations in Land Banks With (RCC)										



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maintenance of CA is being Proposed		Hamirpur	Hamirpur	Chabutra	P-55 Dhar Chabutra C1c	7.00	585620	31*46'50.036"N, 7	6*28'28.283"E
	Maintenance of CA is being Proposed		Hamirpur	Hamirpur	Karot	UPF Nihari	6.00	501960	31.77666 degree"N,	76.47214 degree E
	Maintenance of CA		Barsar	Hareta	Sareri	U203-Galore c2	8.00	669280	31.77666 degree"N, 7	6.47214 degree E
	Maintenance of CA		Nadaun	Kangoo	Kangoo	P-28 Bhounti c1b	13.00	1087580	N 31.43'236	E 76.22'169
	Plantation		Hamirpur	Sujanpur	Patlander	UPF Spahal	5.00	264000	31*46'50.036"N,	76*28'28.283"E
	Plantation		Hamirpur	Hamirpur	Jhaniari	P 53 Samluhi C3 & C4	5.00	264000	31*46'50.036"N,	76*28'28.283"E
	Plantation		Hamirpur	Barsar	Sareri	U 203 Galore c1	1.00	52800	31*46'50.036"N,	76*28'28.283"E
	Plantation		Hamirpur	Hamirpur	Kuthera	UPF Tibbi	1.00	52800	31*46'50.036"N,	76*28'28.283"E
	Plantation		Hamirpur	Barsar	Kashmir/ Sareri	0.3603 ha. of Khasra No. 3602 and 0.0520 ha. of Khasra No. 3596 in Tika Galore Khas Mauja Galore in Galore Tehsil 0.5146 ha. Of Khasra No. 1778 in Tika Kashmir, Mauja Jassai, Tehsil Galore Distt Hamirpur HP.	0.93	48900	31*46'50.036"N,	76*28'28.283"E



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
	Plantation		Hamirpur	Hamirpur	Kuthera	0.5937 ha. of Khasra No. 260 in Tika Har Mauja Baluhak in Nadaun Tehsil 6.1452 ha. of Khasra No. 736 in tika Guhal Mauja Majhog Sultani in Hamirpur Tehsil	6.56	346368	31*46'50.036"N,	76*28'28.283"E	
	Plantation		Hamirpur	Nadaun	Batran	P 27 Basaral (500 Tall Plants/Ha)	2.16	114048	31*46'50.036"N,	76*28'28.283"E	
	Plantation		Hamirpur	Hamirpur	Chabutra	P-55 Dhar Chabutra C1c	7.00	369600	31*46'50.036"N,	76*28'28.283"E	
	Plantation		Hamirpur	Hamirpur	Karot	UPF Nihari	6.00	316800	31.77666 degree"N,	76.47214 degree E	
	Plantation		Barsar	Hareta	Sareri	U203-Galore c2	8.00	422400	31.77666 degree"N,	76.47214 degree E	
	Plantation		Nadaun	Kangoo	Kangoo	P-28 Bhounti c1b	13.00	686400	N 31.43'236	E 76.22'169	
						Total	89.65	5782556			
Maintenance of old Plantations											
1st Year Maintenance											
	Maintenance of CA		Nadaun	Nadaun	Tillu	P-39 Tillu	4.00	27400	-	-	
	Maintenance		Barsar	Hareta	Hareta	U 203 Galore C1	3.00	27300	-	-	
						Total	7.00	54700			
9th Year Maintenance											



Amount in (Rs.)										
Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maint. Of Plantation		Barsar	Bumbloo	Jandrana	P-38 AM Platoo	3.80	13300	-	-
	Maint. Of Plantation		Bijhari	Chakmoh	Dharsidh	P-16 Dhar Sidh C-1a	5.40	18900	-	-
	Maint. Of Plantation		Aghar	Jhlalari	Jhlalari	P-6 Dhar J.Jakh	3.90	13650	-	-
	Maint. Of Plantation		Barsar	Barsar	Barsar	P-36-Dhar Kangar	15.50	54250	-	-
	Maint. Of Plantation		Nadaun	Dhaneta	Mansai	P-9 Mansai C-1b	10.00	35000	-	-
						Total	38.60	135100		
	10th Year Maintenance									
	Maint. Of Plantation		Aghar	Jhlalari	Jhlalari	P-6 Dhar J.Jakh	6.10	21350	-	-
	Maint. Of Plantation		Barsar	Bumbloo	Jandrana	P-38 AM Platoo	10.19	35665	-	-
	Maint. Of Plantation		Bijhari	Chakmoh	Dharsidh	P-16 Dhar Sidh C-1a	4.60	16100	-	-
						Total	20.89	73115		
						Total	66.49	262915		
						Total		8555143		
12	Name of Division - Una									
	Advance Works									
	RCC Fencing of Land Banks									
	Fencing		Ramgarh	Talmehra	Chowki	UPF Panjora C-1	2.60	110004	31.59.172	76.20.483
	RCC Fencing of Land Banks		Ramgarh	Talmehra	Chowki	UPF Panjora C-1	2.69	113938	31.54.124	76.20.545
	Advance works		Ramgarh	Talmehra	Chowki	UPF Panjora C-1	2.60	117200	31.59.172	76.20.483



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Advance works		Ramgarh	Talmehra	Chowki	UPF Panjora C-1	2.69	121300	31.54124	76.20545
	Advance works		Bharwain	Lohara	Sidh Chaler	R.II.Lohra Comptt.No. 53A/2/NW	3.00	135300	31.44.014	76.5.4935
	Advance works		Bangana	Bangana	Sola Singhi	UPF Suknehra	0.70	31600	-	-
						Total	14.28	629343		
Plantations										
Plantations in Land Banks With (RCC)										
	Plantation		Ramgarh	Talmehra	Chowki	UPF Panjora C-1	2.60	110004	31.59.172	76.20.483
	Plantation		Ramgarh	Talmehra	Chowki	UPF Panjora C-1	2.69	113938	31.54.124	76.20.545
	Plantation		Ramgarh	Talmehra	Chowki	UPF Panjora C-1	2.60	137200	31.59172	76.20483
	Plantation		Ramgarh	Talmehra	Chowki	UPF Panjora C-1	2.69	142100	31.54124	76.20545
	Plantation		Bharwain	Lohara	Sidh Chaler	R.II.Lohra Comptt.No. 53A/2/NW	3.00	158400	31.44.014	76.5.4935
	Plantation		Bangana	Bangana	Sola Singhi	UPF Suknehra	0.70	36960	-	-
						Total	14.28	698602		
Maintenance of old Plantations										
1st Year Maintenance										
2nd Year Maintenance										
	Maintenance		Una	Kungrat	Palkwah	S.L.Jourian	5.05	95253	#	#
						Total	5.05	95253		
6th Year Maintenance										



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maintenance		Una	Pandoga/Kungrat	Polian Badhera/Saloh/Takka /Behdala/Basal	All	60.99	2582926	#	#
						Total	60.99	2582926		
7th Year Maintenance										
	Maintenance		Ramgarh	Talmehra	Chowki	UPF Chowki	3.59	12673	#	#
						Total	3.59	12673		
8th Year Maintenance										
	Maintenance		Amb Una Ramgarh	Gagret/Pandoga/Tal mehra	Ban Dhanet/Mawa Sindhian/Pandoga/Ba dhera/haroli/	-	106.00	1999372	#	#
						Total	106.00	1999372		
9th Year Maintenance										
	Maintenance		Bangana	Bangana	Bangana/Solasinghi/P aniala	-	57.00	201210	#	#
						Total	57.00	201210		
						Total	232.63	4891434		
						Total		6219379		
Name of Circle - Kullu										
13	Name of Division - Kullu									
Advance Works										
RCC Fencing of Land Banks										
Wooden Fencing of Land Banks										
	Compensatory afforestation		Kullu	Kullu	Maharaja	Maharaja-III	7.23	136378	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Compensatory afforestation		Bhutti	Tarapur	Dughilag	Dughilag-III	18.00	339530	-	-
	Compensatory Afforestation		Kullu	Kullu	Maharaja	Maharaja-III	4.20	79224	-	-
	Compensatory Afforestation		Patlikuhhal	Katrain	Baragarh	BRan (B-III)	1.69	31871	-	-
	Compensatory Afforestation		Patlikuhhal	Katrain	Patlikuhhal	Trashi (B-III)	5.50	103745	-	-
	Compensatory Afforestation		Patlikuhhal	Fozal	Mandalgarh	Mandalgarh_III	0.70	13257	-	-
	Compensatory Afforestation		Kullu	Kullu	Sari	Ramabai	0.20	3773	-	-
	Compensatory Afforestation		Patlikuhhal	Katrain	Patlikuhhal	Patlikuhhal (B-III)	0.55	10390	-	-
	Wooden Fencing of Land Banks		Kullu	Kais	Tandla	Soyal Phat	0.20	3773	-	-
	Wooden Fencing of Land Banks		Patlikuhhal	Fozal	Neri	Bagani Pichhe	1.00	18863	-	-
	Wooden Fencing of Land Banks		Patlikuhhal	Fozal	Fozal	2/42 C-IV	1.00	18863	-	-
						Total	40.27	759665		
						Total	40.27	759665		
Plantations										
Plantations in Land Banks With (RCC)										
Plantations in Land Banks With (Wooden)										
	Compensatory Afforestation		Kullu	Kullu	Maharaja	Maharaja-III	7.23	278355	-	-
	Compensatory Afforestation		Bhutti	Tarapur	Dughilag	Dughilag-III	18.00	693000	-	-
	Compensatory Afforestation		Kullu	Kullu	Maharaja	Maharaja-III	4.20	161700	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Compensatory Afforestation		Patlikuhhal	Katrain	Baragarh	BRan (B-III)	1.69	65050	-	-
	compensatory afforestation		Patlikuhhal	Katrain	Patlikuhhal	Trashi (B-III)	5.50	211750	-	-
	Compensatory Afforestation		Patlikuhhal	Fozal	Mandalgarh	Mandalgarh_III	0.70	27058	-	-
	Compensatory Afforestation		Kullu	Kullu	Sari	Ramabai	0.20	7700	-	-
	Compensatory Afforestation		Patlikuhhal	Katrain	Patlikuhhal	Patlikuhhal (B-III)	0.55	21206	-	-
	Plantations in Land Banks With (Wooden)		Kullu	Kais	Tandla	Soyal Phat	0.20	7700	-	-
	Plantations in Land Banks With (Wooden)		Patlikuhhal	Fozal	Neri	Bagani Pichhe	1.00	38500	-	-
	Plantations in Land Banks With (Wooden)		Patlikuhhal	Fozal	Fozal	2/42 C-IV	1.00	38500	-	-
						Total	40.27	1550518		
	Plantations in Land Banks With (Stone)									
						Total	40.27	1550518		
Maintenance of old Plantations										
1st Year Maintenance										
	1st Year maint.		Manali	Palchan	Shanag	2/3 Shanag Shill C-IIIa	1.50	10275	-	-
						Total	1.50	10275		
2nd Year Maintenance										
	2nd year maintenance		Palchan	Palchan	Palchan	2/10 Patalsu C-IIa	4.50	20700	-	-



HP State Authority – APO For the Year 2022-23

Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	2nd year maintenance		Manali	Kothi	Kothi	2/11 Kothi Tich C1a	5.00	23000	-	-
	2nd year maintenance		Manali	Kothi	Kothi	2/11 Kothi Tich C-Ib	15.00	69000	-	-
	2nd year maint.		Manali	Kothi	Kothi	DPF Khanora Nalla	4.00	18400	-	-
	2nd year Maint.		Patlikuhal	Katrain	Baragarh	2/37 nagoni C-IV	1.00	4600	-	-
	2nd year Maint.		Patlikuhal	Katrain	pankot	Baragarh-III	4.78	21988	-	-
	2nd Year Maint		Patlikuhal	Fozal	Neri	2/42 C-IV	3.50	16100	-	-
	2nd year maint.		Bhutti	Tarapur	Bhumteer	Tarapur-III(Bhumteer)	9.03	41538	-	-
	2nd year maint.		Bhutti	Tarapur	Tarapur	Tarapur-III(jathani)	2.66	12236	-	-
	2nd year maint.		Bhutti	Tarapur	Tarapur	Tarapur-III	2.76	12696	-	-
	2nd year maint.		Bhutti	Tarapur	Dughilag	Ku Nala	4.21	19366	-	-
	2nd year Maint		Bhutti	Tarapur	Dughilag	Dughilag-III	0.17	782	-	-
	2nd year maint		Bhutti	Tarapur	Dughilag	Dughilag-III	0.20	920	-	-
	2nd year maint		Kullu	Kullu	Maharaja	Maharaja-III	8.78	40388	-	-
						Total	65.59	301714		
	3rd Year Maintenance									
	4th Year Maintenance									
	4th year Maint.		Manali	Palchan	Kangni	2/1 Kangni C-III	5.00	12000	-	-
	4th year Maint.		Manali	Palchan	Palchan	2/10 Patalsu C-IIa	21.13	50712	-	-
	4th year maint.		Patlikuhal	Fozal	Neri	Kukri Pichhe	14.00	33600	-	-
	4th year Maint.		Patlikuhal	Fozal	Mandalgarh	Gura-ra-Koot	78.00	187200	-	-
	4th year Maint.		Patlikuhal	Katrain	Patlikuhal	Matyani	16.00	38400	-	-
						Total	134.13	321912		



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
5th Year Maintenance											
	5th year maint.		Manali	Palchan	Palchan	2/10 Patalsu C-IIb	15.12	36288	-	-	
	5th year maint.		Manali	Kothi	Mathivan	2/12 mathivan C-Ia	35.46	85104	-	-	
						Total	50.58	121392			
6th Year Maintenance											
	6th year maint.		Manali	Palchan	Palchan	2/10 Patalsu C-IIa	15.00	36000	-	-	
	6th year maint.		Manali	Manali	Goshal	Beas Bihal	5.00	12000	-	-	
						Total	20.00	48000			
7th Year Maintenance											
	7th year maint		Manali	Kothi	Mathivan	2/12 Mathivan C-III	40.50	97200	-	-	
	7th year maint		Naggar	Khakhnal	Jagatsukh	2/18 C-III Kanool	7.56	18144	-	-	
	7th year mainty		Kullu	Kullu	Sari	Loran	5.00	12000	-	-	
	7th year maint.		Kullu	Kais	Borsu	Bringta Top	6.72	16128	-	-	
	7th year maint		Kullu	Kais	Tandla	Kotadhar	10.00	24000	-	-	
	7th year maint		Bhutti	Tarapur	Bharai	1/37 C-II	10.00	24000	-	-	
	7th year maint		Bhutti	Tarapur	Bhumteer	1/36 C-I	10.00	24000	-	-	
	7th year maint		Bhutti	Tarapur	Tarapur	Kelopadhar	10.00	24000	-	-	
	7th year maint.		Bhutti	Tarapur	Dughilag	Tandari Pichhe	10.00	24000	-	-	
	7th year maint		Bhutti	Tarapur	Dughilag	Pawang Pichhe	12.00	28800	-	-	
	7th year maint		Patlikuhal	Fozal	Fozal	2/42 C-IIb	11.50	27600	-	-	
	7th year maint		Patlikuhal	Katrain	Baragarh	BG-III Shangcharphat	20.00	48000	-	-	
						Total	153.28	367872			
8th Year Maintenance											



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	8th year maint		Manali	Kothi	Mathivan	2/12 Mathivan C-III	55.00	132000	-	-
	8th Year maint.		Patlikuhhal	Katrain	pankot	2/37 CIV	1.50	3600	-	-
	8th year maint.		Patlikuhhal	Katrain	pankot	2/36 Goggal	6.71	16109	-	-
	8th year Maint		Patlikuhhal	Fozal	Mandalgarh	MG-III Kutla	24.00	57600	-	-
						Total	87.21	209309		
9th Year Maintenance										
	9th year maint		Manali	Kothi	Mathivan	2/12 Mathivan C-III	15.00	36000	-	-
	9th year maint		Manali	Vashishat	Prini	1/8 Jamari C-III	5.00	12000	-	-
	9th year maint.		Patlikuhhal	Katrain	Pankot	2/37 Nagoni C-IV & C-III	18.50	44400	-	-
						Total	38.50	92400		
10th Year Maintenance										
	10th year maint.		Manali	Kothi	Mathivan	2/12 Mathivan C-III	20.00	48000	-	-
	10th year maint.		Kullu	Kullu	Maharaja	Rayal Phat (M-III)	10.00	24000	-	-
	10th year maint		Patlikuhhal	Katrain	Baragarh	Baragarh-III (Jalsaphat)	20.00	48000	-	-
						Total	50.00	120000		
						Total	600.79	1592874		
						Total		3903057		
14	Name of Division - Lahaul									
	Maintenance of old Plantations									
4th Year Maintenance										
	Maintenance of old plantation		Keylong	Bhaga	Jispa	Patseo	40.00	700000	-	-
	Maintenance of old Plantations		Keylong	Chandra	Kokhsar	RF Urgium	25.00	437500	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maint.		Pattan	L. Pattan	Jahalma	UPF Lindur	30.00	471000	-	-
	Maint.		Tindi	Tindi	Bhujund	Ghaled	30.00	146520	-	-
	Maint.		Udaipur	Myar	Urgose	DPF Khanjar	30.00	146520	-	-
						Total	155.00	1901540		
	5th Year Maintenance									
	6th Year Maintenance									
	7th Year Maintenance									
	Maint.		Udaipur	Udaipur	Salpat	RF Ratoli	10.00	33300	-	-
	Maint.		Udaipur	Udaipur	Udaipur	DPF Phatgahar	6.27	20880	-	-
	Maint.		Pattan	L/Pattan	Chokhang	DPF Duling	3.32	28008	-	-
	Maint.		Keylong	Chandra	Koksar	Koksar-III	3.93	33154	-	-
						Total	23.52	115342		
	8th Year Maintenance									
	Maintenance of old Plantations		Keylong	Bhaga	Jispa	UPF Rarik	20.00	152000	-	-
	Maintenance of old Plantations		Keylong	Bhaga	Jispa	UPF Rarik Mangsing	20.00	152000	-	-
	Maintenance of old Plantations		Keylong	Chandra	Sissu	RF9 Urgium Jagratil	40.00	304000	-	-
			Keylong	Chandra	Kokhsar	Kokhsar-III Rakshimir	14.96	113696	-	-
	Maintenance of old Plantations		Keylong	Chandra	Kokhsar	Kokhsar-III Gramphu	11.00	83600	-	-
	Maint.		Udaipur	Udaipur	Udaipur	DPF Phatgahar	15.00	49950	-	-
	Maint.		Pattan	L/Pattan	Chokhang	DPF Duling	15.00	126540	-	-
						Total	135.96	981786		
	9th Year Maintenance									
	Maintenance of old Plantations		Keylong	Bhaga	Jispa	UPF Rarik	30.00	228000	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maintenance of old Plantations		Keylong	Chandra	Kokhsar	RF9 Urgium	10.00	76000	-	-
	Maintenance of old Plantations		Keylong	Chandra	Kokhsar	UPF Gramphu	20.00	152000	-	-
	Maintenance of old Plantations		Keylong	Chandra	Kokhsar	Kokhsar-III	10.00	76000	-	-
						Total	70.00	532000		
	10th Year Maintenance									
	Maintenance of old Plantations		Keylong	Bhaga	Jispa	UPF Rarik	30.00	228000	-	-
	Maintenance of old Plantations		Keylong	Chandra	Kokhsar	RF 9 Urgium	20.00	152000	-	-
	Maintenance of old Plantations		Keylong	Chandra	Kokhsar	UPF Gramphu	20.00	152000	-	-
	Maintenance of old Plantations		Keylong	Chandra	Kokhsar	Kokhsar-III	20.00	152000	-	-
	Maintenance of old Plantations		Keylong	Chandra	Kokhsar	Kokhsar-III	3.37	25612	-	-
						Total	93.37	709612		
						Total	477.85	4240280		
						Total		4240280		
15	Name of Division - Parvati									
	Advance Works									
	Wooden Fencing of Land Banks									
	Fencing		Kasol	Manikaran	Manikaran	Pajbang	5.00	216250	32°01'19"	77°22'51"
	Fencing		Kasol	Manikaran	Manikaran	Pajbang CIV of Manikaran Beat	5.00	216250	32°01'19"	77°22'51"
						Total	10.00	432500		
	Stone Wall Fencing of Land Bank									
	Raising of Nursery									



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
	Raising		-	-	-	-	9900.00	94644	-	-	
	Raising		-	-	-	-	6600.00	69432	-	-	
	Raising		-	-	-	-	16500.00	30525	-	-	
	Maintenance of Plantation		-	-	-	-	23958.00	137279	-	-	
	Maintenance of Plantation		-	-	-	-	15973.00	91525	-	-	
	Maintenance of Plantation		-	-	-	-	39930.00	568204	-	-	
						Total	112861.00	991609			
						Total	112871.00	1424109			
Plantations											
Plantations in Land Banks With (RCC)											
Plantations in Land Banks With (Wooden)											
	Planting		Kasol	Manikaran	Manikaran	Pajbang CIV of Manikaran Beat	0.36	60697	32°01'19"	77°22'51"	
	Plantation		Kasol	Manikaran	Manikaran	Pajbang CIV of Manikaran Beat	1.10	183425	32°01'19"	77°22'51"	
						Total	1.46	244122			
Plantations in Land Banks With (Stone)											
						Total	1.46	244122			
Maintenance of old Plantations											
1st Year Maintenance											
	Maintenance of Old Plantations		Hurla	Thella	Najan	Channiage KK-III UPF	5.20	47320	-	-	
	Maintenance of Old Plantations		Jari	Pini	Kashwari	Kais-III	4.50	40950	-	-	
						Total	9.70	88270			
2nd Year Maintenance											



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	2nd Year Maintenance		Jari	Pini	Kashwari	Jia Phat	30.00	184200	-	-
	2nd Year Maintenance		Jari	Dhara	Fagu	H/Jia Phat	20.00	122800	-	-
						Total	50.00	307000		
	3rd Year Maintenance									
	3rd Year Maintenance		Bhunter	Bajaura	Khokhan	Khokhan-III	1.72	5470	-	-
	3rd Year Maintenance		Bhunter	Bajaura	Khokhan	Khokhan-III	3.10	9858	-	-
	3rd Year Maintenance		Bhunter	Doranala	Pah	Pota age Khokhan-III	10.00	31800	-	-
	3rd Year Maintenance		Bhunter	Shamshi	Bhulang	Pota re khani Khokhan-III	10.00	31800	-	-
	3rd Year Maintenance		Bhunter	Shamshi	Bhulang	Salyani, Khokhan-III	3.80	12084	-	-
	3rd Year Maintenance		Bhunter	Bajaura	Neul	Kalu re dhar Dukam-III	6.40	20352	-	-
	3rd Year Maintenance		Bhunter	Doranala	Sandhar	Bonu Kutla Maharaja-III	10.00	31800	-	-
	3rd Year Maintenance		Kasol	Manikaran	Manikaran	Rashkar Kanawar-III	1.65	5247	-	-
	3rd Year Maintenance		Kasol	Manikaran	Manikaran	-	2.75	8745	-	-
	3rd Year Maintenance		Kasol	Pulga	Pulga	Shadi Age 1/7 Nakas	2.10	6678	-	-
	3rd Year Maintenance		Hurla	Garsa	Garsa	Dhallan Dhar of Julighar	8.80	27984	-	-
	3rd Year Maintenance		Jari	Pini	Kashwari	1/33 Shahita	50.00	159000	-	-
	3rd Year Maintenance		Jari	Pini	Kashwari	Jia Phat	30.00	95400	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	3rd Year Maintenance		Jari	Dhara	Fagu	H/III	14.00	44520	-	-
	3rd Year Maintenance		Hurla	Bhuin	Naresh	KK-III	8.70	27666	-	-
						Total	163.02	518404		
	4th Year Maintenance									
	4th Year Maintenance		Bhunter	Doranala	Sandhar	Maharaja-III	10.00	31800	-	-
	4th Year Maintenance		Hurla	Bhuin	Narogi	Trehandhar Kot Kandi-III	6.00	19080	-	-
	4th Year Maintenance		Jari	Pini	Kashwari	1/33 Shahita	4.85	15423	-	-
						Total	20.85	66303		
	5th Year Maintenance									
	5th Year Maintenance		Hurla	Bhuin	Barogi	Cheritach	47.50	151050	-	-
						Total	47.50	151050		
	6th Year Maintenance									
	6th Year Maintenance		Hurla	Bhuin	Diyar	Tundravan	9.10	28938	-	-
						Total	9.10	28938		
	7th Year Maintenance									
	7th Year Maintenance		Jari	Jari	Chhkna	Somaropa	14.00	44520	-	-
			Jari	Dhara	Dhara	Rajthati	12.00	38160	-	-
			Jari	Jari	Sarahan	Sarahan	14.00	44520	-	-
			Jari	Jari	Chhkna	Dhunkramul	10.00	31800	-	-
			Jari	Jari	Chhakna	1/10 Rathati	4.90	15582	-	-
			Jari	Pini	Pini	Narbai	7.38	23468	-	-
			Jari	Dhara	Dhara	Shornaage	12.00	38160	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
			Jari	Dhara	Dhara	1/19 Rajthati	10.00	31800	-	-
			Bhunter	Shamshi	Mohal	1/44 C III a	10.00	31800	-	-
			Bhunter	Doranala	Sandhar	Patki M-III	10.00	31800	-	-
			Bhunter	Bajaura	Mashgan	Darunala	10.00	31800	-	-
			Hurla	Bhuin	Bhuin	Kotkandi-III	10.00	31800	-	-
			Hurla	Thella	Jhuni	Kabrithach	10.00	31800	-	-
			Hurla	Thella	Najan	Sharan	10.00	31800	-	-
			Kasol	Pulga	Tulga	Kailidhar	10.00	31800	-	-
			Kasol	Pulga	Tulga	Seriage	10.00	31800	-	-
			Kasol	Pulga	Tulga	1/6 Kalga	12.10	38478	-	-
						Total	176.38	560888		
	8th Year Maintenance									
	8th Year Maintenance		Jari	Jari	Chhakna	1/10 Rathati	5.10	16218	-	-
						Total	5.10	16218		
	9th Year Maintenance									
	9th Year Maintenance		Jari	Dhara	Dhara	Alag	15.00	47700	-	-
			Jari	Pini	Pini	Yamkot	5.00	15900	-	-
			Jari	Pini	Pini	Narbai	17.62	56032	-	-
			Kasol	Tosh	Tosh	Toshnala	24.50	77910	-	-
						Total	62.12	197542		
	10th Year Maintenance									
	10th Year Maintenance		Hurla	Thella	Rauli	Ninu	15.45	49131	-	-
			Hurla	Bhuin	Naresh	Tarehan	15.88	50498	-	-
						Total	31.33	99629		
						Total	575.10	2034242		
						Total		3702473		



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
16	Name of Division - Seraj									
	Advance Works									
	RCC Fencing of Land Banks									
	Advance work		Banjar	Bahu	Gashini	Bhindli (Fatehpur-IIIrd)	5.36	226996	31°33.22".17	77°.19'27.03"
	Advance work		Tirthan	Panihar	Chanon	Dhan Dhar	1.36	57596	31°.41'3.399"	77°.18'8.734"
						Total	6.72	284592		
	Wooden Fencing of Land Banks									
	Stone Wall Fencing of Land Bank									
	Raising of Nursery									
						Total	6.72	284592		
	Plantations									
	Plantations in Land Banks With (RCC)									
	Plantations		Banjar	Bahu	Gashini	Bhindli (Fatehpur-IIIrd)	5.36	226996	31°33.22".17	77°.19'27.03"
	Plantations		Tirthan	Panihar	Chanon	Dhan Dhar	1.36	57596	31°.41'3.399"	77°.18'8.734"
						Total	6.72	284592		
	Plantations in Land Banks With (Wooden)									
	Plantations in Land Banks With (Stone)									
						Total	6.72	284592		
	Maintenance of old Plantations									
	1st Year Maintenance									
	Maint. of old plantations		Sainj	Sainj	Bhallan	Phagla Phat	8.00	80080	-	-
	Maintenance of old Plantations		Sainj	larji	Larji	Sapangni Dhar	1.13	11261	-	-
						Total	9.13	91341		
	2nd Year Maintenance									
	Maintenance of old Plantations		Sainj	Sainj	Bhallan	Bhallan-III	8.00	54032	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maintenance of old Plantations		Sainj	Sainj	Bhallan	Bhallan-III-Bakshal Phat	6.25	42213	-	-
	Maintenance of old Plantations		Banjar	Jibhi	Hirab	31-Kansar	4.50	30393	-	-
						Total	18.75	126638		
3rd Year Maintenance										
4th Year Maintenance										
	Maintenance of old Plantations		Tirthan	Plach	Bandal	Sarchi Age/Bekhlidhar	8.48	29648	-	-
	Maintenance of old Plantations		Tirthan	Plach	Chanon	Kutla/Bekhlidhar	8.00	27984	-	-
						Total	16.48	57632		
5th Year Maintenance										
	Maintenance of old Plantations		Sainj	Iarji	Dalashani	Dalashani	25.50	89199	-	-
	Maintenance of old Plantations		Tirthan	Plach	Kalwari	Bekhlidhar	5.15	18022	-	-
						Total	30.65	107221		
6th Year Maintenance										
7th Year Maintenance										
	Maintenance of old Plantations		Banjar	Jibhi	Jibhi	sarhi Thach	10.00	34980	-	-
	Maintenance of old Plantations		Tirthan	Panihar	Panihar	Barithach	30.00	104940	-	-
	Maintenance of old Plantations		Tirthan	Panihar	Kotla	Kharaldhar	20.00	69960	-	-
	Maintenance of old Plantations		Sainj	Iarji	Dalashani	Sikridhar	27.00	94446	-	-
	Maintenance of old Plantations		Sainj	Iarji	Dalashani	Sikridhar	13.02	45544	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maintenance of old Plantations		Sainj	larji	Dalashani	Lower mahilidhar	10.15	35505	-	-
	Maintenance of old Plantations		Sainj	larji	Dalashani	Lower mahilidhar	3.34	11669	-	-
	Maintenance of old Plantations		Sainj	larji	Dalashani	Lower mahilidhar	2.00	6996	-	-
	Maint.		Banjar	Jibhi	Sojha	Bhareuri dhar	15.00	52950	-	-
						Total	130.51	456990		
	8th Year Maintenance									
	Maintenance of old Plantations		Banjar	Jibhi	Sojha	30-Jalora	30.48	106603	-	-
	Maintenance of old Plantations		Banjar	Jibhi	Hirab	Panjizan	20.00	69960	-	-
	Maintenance of old Plantations		Tirthan	Panihar	Kotla	Kotladhar	30.00	104940	-	-
						Total	80.48	281503		
	9th Year Maintenance									
	Maintenance of old Plantations		Tirthan	Plach	Kalwari	Bekhlidhar	3.34	11669	-	-
						Total	3.34	11669		
	10th Year Maintenance									
	Maintenance of old Plantations		Tirthan	Plach	Kalwari	Bekhlidhar	11.52	40297	-	-
						Total	11.52	40297		
						Total	300.84	1173290		
						Total		1742474		
	Name of Circle - Mandi									
17	Name of Division - Jogindernagar									
	Advance Works									
	RCC Fencing of Land Banks									



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
								Advance Work	Lad Bharol	Pandol	Barnod
	Advance Work	Kamlah	Tihra	Gaddidhar	DPF Sadhoti	6.50	275275	N 31 79.800	E076 67.314		
	Advance Work	Kamlah	Kamlah	Dodar	DPF Dodar	38.49	1630195	N 31 47 27.25	E076 44 4.44		
					Total	48.19	2040990				
					Total	48.19	2040990				
Plantations											
Plantations in Land Banks With (RCC)											
	New Plantation	Lad Bharol	Pandol	Barnod	DPF Saun	3.20	158963	N 31 96 6613	E076 69 8398		
	New Plantation	Kamlah	Kamlah	Dodar	DPF Dodar	38.49	1912198	N 31 47 27.25	E076 44.444		
	New Plantation	Urla	Urla	Gawali	Pundal (DPF Kalubagla)	10.24	508444	N 31 53 52.41	E 076 54 52.82		
	NEW PLANTATION	Kamlah	Tihra	Gaddidhar	DPF Sadhoti	6.50	322894	N 31 79.800	E 076 67.314		
					Total	58.43	2902499				
Plantations in Land Banks With (Wooden)											
Plantations in Land Banks With (Stone)											
					Total	58.43	2902499				
Maintenance of old Plantations											
1st Year Maintenance											
	Maint. of plantation	Kamlah	Sandhol	Sandhol	DPF Nagani	2.58	25826	-	-		
	Maint. of old plantation	Urla	Urla	Gwali	Pundal (DPF Kalubagla)	11.56	115716	-	-		
	Maint. of old Plantation	J/Nagar	J/Nagar	Harabag	DPF Badan	6.52	65265	-	-		
	Maint. of old Plantation	J/Nagar	J/Nagar	Harabag	DPF Chanag	3.00	30030	-	-		
	Maint. of old Plantation	Urla	Chukku	Chukku	DPF Rajoun	1.42	14174	-	-		
	Maint. of old Plantation	Kamlah	Tihra	Gaddidhar	DPF Sadhoti	4.00	40040	-	-		



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
								Maint. of old Plantation		J/Nagar	J/Nagar
						Total	31.38	314074			
	2nd Year Maintenance										
	Maint. of old Plantation		J/Nagar	J/Nagar	Chaprot	Siuri	2.00	13508	-	-	
	Maint. of old Plantation		Lad Bharol	Langna	Aal	Sanan Karlon	1.00	6754	-	-	
	Maint. of old Plantation		Dharampur	Mandap	Madap	Murrahdhar	1.50	10131	-	-	
						Total	4.50	30393			
	3rd Year Maintenance										
	Maint. of old Plantation		J/Nagar	J/Nagar	Chaprot	Siuri	5.00	17490	-	-	
						Total	5.00	17490			
	4th Year Maintenance										
	Maint. of old Plantation		Dharampur	mandap	Manap	Murrahdhar	4.50	15741	-	-	
						Total	4.50	15741			
	5th Year Maintenance										
	6th Year Maintenance										
	Maint. of old Plantation		Tikkan	Devgarh	Graman	UPF Graman	10.00	34980	-	-	
	Maint. of old Plantation		Tikkan	Silhbudhani	Silhbudhani	DPF Bulang	7.00	24486	-	-	
	Maint. of old Plantation		Lad Bharol	Langna	Aal	Karlon Machhan	10.00	34980	-	-	
	Maint. of old plantation		Dharampur	Mandap	Brang	DPF Bhadiyar (Brang)	5.00	17490	-	-	
	Maint. of old plantation		Dharampur	Mandap	Brang	DPF Bhadiyar (Brang)	5.00	17490	-	-	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
						Total	37.00	129426			
	7th Year Maintenance										
	Maint. of old Plantation		Tikkan	Tikkan	Tikkan	DPF Lachkandi	22.80	79754	-	-	
	Maint. of old Plantation		Kamlah	Tihra	Gaddidhar	DPF Mangleta	15.50	54219	-	-	
	Maint. of old Plantation		Dharampur	Mandap	Mandap	DPF Murrahdhar	17.11	59851	-	-	
						Total	55.41	193824			
	8th Year Maintenance										
	Maint. of old Plantation		J/Nagar	J/Nagar	Harabag	Chanagdhar	20.00	69960	-	-	
	Maint. of old Plantation		J/Nagar	Bhararu	Nainpur	DPF Silh	10.00	34980	-	-	
	Maint. of old plantation		Urla	urla	Gawali	Satidhar	20.00	69960	-	-	
	Maint. of old Plantation		Urla	Chukku	Chukku	Rajoun	10.00	34980	-	-	
						Total	60.00	209880			
						Total	197.79	910828			
						Total		5854318			
18	Name of Division - Karsog										
	Advance Works										
	RCC Fencing of Land Banks										
	FENCING		KARSOG	Bagshar	Parlog	D-133 Hiroo (CA)	7.86	332871	N31*16'17.91"	E077*15'50.01"	
	FENCING		KARSOG	Bagshar	Parlog	D-135 Fafan	2.13	89994	N31*17'15.09"	E077*13'53.22"	
	FENCING		KARSOG	Bagshar	Parlog	D-135 Fafan	8.10	343035	N31*16'41.46'	E077*15'16.75"	
	Fencing		Seri	Seri	Niharinal	D-214 Jhunghan	6.12	259182	N31*16'29.56"	E077*17'13.69"	
	fencing		Seri	Seri	Niharinal	D-214 Jhunghan	7.75	328213	N31*16.33.41"	E077*17'7.18"	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
								fencing	Seri	Seri	Niharinal
	fencing	Seri	Seri	Niharinal	D-214 Jhunjhan	6.40	271040	N31*16'54.21"	E077*18'7.79		
	fencing	Seri	Seri	Niharinal	D-214 Jhunjhan	15.16	642026	N31*17'15.09"	E077*18'41.00"		
	fencing	Seri	Seri	Niharinal	D-214 Jhunjhan	18.40	779240	N31*17'16.39"	E077*18'39.36		
	fencing	Seri	Seri	Niharinal	D-214 Jhunjhan	3.60	152460	N31*17'14.43"	E077*18'18.41"		
	fencing	Seri	Seri	Niharinal	D-214 Jhunjhan	1.76	74536	N31*17'14.47	E077*18'18.41"		
	fencing	Seri	Seri	Niharinal	D-214 Jhunjhan	6.14	260029	N31*17'20.86	E077*18'49.28		
	feincing	Pangna	Tattapani	Telehan	D-102 Telehan	9.38	397243	N31*16'56.16	E077*10'1.74		
	fencing	Pangna	Tattapani	Telehan	D-102 Telehan	11.00	465850	N31*17'6.78	E077*10'38.38		
	Fencing	KARSOG	Bagshar	Parlog	D-135 Fafan	0.20	8470	N31*16'11.409	E077*1648.306		
	fencing	Magroo	Magroo	Choura	D-283 Raidhar	6.08	257488	N31*27.55	E077*18'88		
	fencing	Magroo	Magroo	Choura	D-283 Raidhar	10.68	452298	N31*27'.55	E077*18'88		
					Total	128.72	5451080				
					Total	128.72	5451080				
Plantations											
Plantations in Land Banks With (RCC)											
	plantation	KARSOG	Bagshar	Parlog	D-133 Hiroo (CA)	7.86	390453	N31*16'17.91"	E077*15'50.01"		
	plantation	Seri	Bagshar	Parlog	D-135 Fafan	2.13	105562	N31*17'15.09"	E077*13'53.22"		
	plantation	KARSOG	Bagshar	Parlog	D-135 Fafan	8.10	402376	N31*16'41.46'	E077*15'16.75"		
	plantation	Seri	Seri	Niharinal	D-214 Jhunjhan	6.12	304017	N31*16'29.56"	E077*17'13.69		
	PLANTATION	Seri	Seri	Niharinal	D-214 Jhunjhan	7.75	384989	N31*16.33.41"	E077*17'7.18"		
	plantation	Seri	Seri	Niharinal	D-214 Jhunjhan	7.96	395421	N31*17'3.70"	E077*18'48.63		
	plantation	seri	Seri	Niharinal	D-214 Jhunjhan	6.40	317926	N31*16'54.21"	E077*18'7.79		
	plantation	Seri	Seri	Niharinal	D-214 Jhunjhan	15.16	753088	N31*17'15.09"	E077*18'41.00.79		
	PLANTATION	Seri	Seri	Niharinal	D-214 Jhunjhan	18.40	914038	N31*17'16.39	E077*18'39.36		
	plantation	Seri	Seri	Niharinal	D-214 Jhunjhan	3.60	178834	N31*17'14.43"	E077*18'18.41"		
	plantation	Seri	Seri	Niharinal	D-214 Jhunjhan	1.76	87430	N31*17'14.47	E077*18'18.41"		
	plantation	Seri	Seri	Niharinal	D-214 Jhunjhan	6.14	305011	N31*17'20.86	E077*18'49.28		



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
								plantation		Magroo	Magroo
	plantation		Magroo	Magroo	Choura	D-283 Raidhar	10.68	530540	N31*27'55	E077*18'88	
	plantation		Pangna	Tattapani	Telehan	D-102 Telehan	9.38	465961	N31*16.56.16	E077*10'1.74	
	plantation		Pangna	Tattapani	Telehan	D-102 Telehan	11.00	546436	N31*17'6.78	E077*10'38.38	
	plantaiton		KARSOG	Bagshar	Parlog	D-135 Fafan	0.20	9935	N31*16'11.409	E077*1648.306	
						Total	128.72	6394046			
Maintenance of old Plantations											
1st Year Maintenance											
	maint.		KARSOG	Bagshar	Parlog	D-135 Fafan	0.50	24838	-	-	
	maint.		KARSOG	Bagshar	Parlog	D-135 Fafan	1.00	49676	-	-	
						Total	1.50	74514			
5th Year Maintenance											
	maint.		Pangna	Chindi	Kanda	D-72 Restadhar C-IH	13.83	260873	-	-	
	plantation		Pangna	Chindi	Kanda	D-72 Restadhar C-III	20.00	993520	-	-	
	maint. plantation		Seri	Gowalpur	Pokhi	D-239 Drehal C-IIa	10.00	496760	-	-	
	maint.		Magroo	Magroo	Mahog	D-256 Jagol C-IA	10.00	496760	-	-	
	Maint		Magroo	Magroo	IASSI	D-278 Nadoun	15.00	745140	-	-	
	maint.		KARSOG	Mamail	Kashoul	D-199 Dhanyara	10.00	496760	-	-	
	maint.		KARSOG	Mamail	Mehandi	D-207 Gandhoai C-II	10.00	496760	-	-	
						Total	88.83	3986573			
6th Year Maintenance											
	Maint.		Pangna	Tattapani	Balendi	D-80 Kanda	5.00	248380	-	-	
	maint.		Pangna	Tattapani	Balendi	D-79 Mahroo C-II	5.00	248380	-	-	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maint.		Seri	Seri	Niharinal	D-213 Niharinal	5.00	248380	-	-
	maint.		Seri	Gowalpur	Sarahan	D-249 Makra C-IIIa	5.00	248380	-	-
	maint.		Seri	Gowalpur	Pokhi	D-239 Drehal C-IIa	5.00	248380	-	-
	Maint.		Magroo	Magroo	Serimaangarh	D-297 Surahi C-I	10.00	496760	-	-
	Maint.		Magroo	Magroo	Choura	D-283 Raidhar	15.00	745140	-	-
						Total	50.00	2483800		
	7th Year Maintenance									
	Manit.		Seri	Gowalpur	Sarahan	D-248 Faneouta	5.00	248380	-	-
	maint.		Seri	Gowalpur	Pokhi	D-239 Drehal	5.07	251857	-	-
	Maint.		KARSOG	Bagshar	Bagshar	D-133 Hiroo	2.88	143067	-	-
	maint.		Pangna	Tattapani	Tattapani	D-101 Nandoo	30.00	1490280	-	-
	maint.		Pangna	Tattapani	Telehan	D-104 Besta	32.00	1589632	-	-
						Total	74.95	3723216		
						Total	215.28	10268103		
						Total		22113229		
19	Name of Division - Mandi									
	Advance Works									
	RCC Fencing of Land Banks									
	Advance work		Drang	Drang	Trambli	Barnala DPF	5.00	211750	-	-
	Advance work		Drang	Drang	Sarda	Burad Galu DPF	10.00	423500	-	-
	Advance work		Kataula	Kataula	Neri Nishoo	Tandi DPF	8.00	338800	-	-
	Advance Work		Kataula	Baggi	Baggi	Riyas DPF	8.00	338800	-	-
	Advance work		Drang	Padhar	Drang	Barsal DPF	5.00	211750	-	-
	Advance work		Drang	Kufri	Sarda	Janad DPF	10.00	423500	-	-
	Advance work		Panarsa	Shiva Badar	Thatta	Thatta DPF	2.82	119588	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Advance work		Panarsa	Shiva Badar	Shiva	Suma DPF	18.64	789404	-	-
	Advance work		Panarsa	Shiva Badar	Kelti	Nagdhar DPF	0.39	16364	-	-
	Advance work		Kataula	Kataula	Gharan	Bharmog DPF	30.00	1270500	-	-
						Total	97.85	4143956		
Wooden Fencing of Land Banks										
	Advance work		Panarsa	Shiva Badar	Kelti	Naagdhar DPF	3.24	137214	-	-
						Total	3.24	137214		
Stone Wall Fencing of Land Bank										
Raising of Nursery										
	Nursery Raising		All	-	-	-	0.00	1200000	-	-
						Total	0.00	1200000		
						Total	101.09	5481170		
Plantations										
Plantations in Land Banks With (RCC)										
	Plantation		Kataula	kataula	Gharan	Bharmog DPF	30.00	1490280	-	-
	Plantation		Drang	Drang	Trambli	Barnala DPF	5.00	248380	-	-
	Plantation		Drang	Drang	Sarda	Burad Galu DPF	10.00	496760	-	-
	Plantation		Kataula	Kataula	Neri Nishoo	Tandi DPF	8.00	397408	-	-
	Plantation		Kataula	Baggi	Baggi	Riyas DPF	8.00	397408	-	-
	Plantation		Drang	Padhar	Padhar	Barsal DPF	5.00	248380	-	-
	Plantation		Drang	Kufri	Sarda	Janad DPF	10.00	496760	-	-
	Plantation		Panarsa	Shiva Badar	Thatta	Thatta DPF	2.82	140275	-	-
	Plantation		Panarsa	Shiva Badar	Kelti	Nagdhar DPF	3.24	160950	-	-
	Plantation		Panarsa	Shiva Badar	Shiva	Suma DPF	18.64	925961	-	-
	Plantation		Panarsa	Shiva Badar	Kelti	Nagdhar DPF	0.39	19195	-	-
						Total	101.09	5021757		
Plantations in Land Banks With (Wooden)										
Plantations in Land Banks With (Stone)										



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
							Total		101.09	5021757	
Maintenance of old Plantations											
1st Year Maintenance											
	Maintenance of plantation		Mandi	Rehradahr	Rehradhar	Ardha DPF	1.80	18018	-	-	
	Maintenance of Plantation		Panarsa	Shiva Badar	Kelti	Naagdahr DPF	5.61	56156	-	-	
	Maintenace of Plantation		Panarsa	Shiva Badar	Kelti	Naagdhar DPF	9.82	98298	-	-	
	Maintenance of Plantaiont		Drang	Drang	Trambli	Barnala DPF	9.96	99700	-	-	
	Maintenance of Plantation		Kataula	Kataula	Gharan	Bhei	2.80	28028	-	-	
	Maintenance of Plantion		Panasa	Aut	Sakroha	Karshan	6.42	64284	-	-	
	Maintenance of Plantion		Panarsa	Badar	Shiva	Badar	4.02	40240	-	-	
	Maintenance of Plantion		Panarsa	Badar	Shiva	Suma	6.88	68869	-	-	
	Maintenance of Plantion		Mandi	Rehradhar	Rehradhar	Rao DPF	5.18	51852	-	-	
	Maintenance of Plantation		Panarsa	Aut	Khini	Karsan	5.92	59259	-	-	
	Maintenance Of Plantation		Kataula	Kataula	Kamand	Bashar	2.50	25025	-	-	
	Maintenance of Plantation		Kataula	Kataula	Kamand	Kuthar	8.86	88689	-	-	
	Maintenance of Plantation		Panarsa	Badar	Mehni	Banoul	19.00	190190	-	-	
						Total	88.77	888608			
2nd Year Maintenance											



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	3rd Year Maintenance									
	4th Year Maintenance									
	5th Year Maintenance									
	6th Year Maintenance									
	Maint.of plantation	Panarsa	Badar	Shiva	Khotinal	10.00	35000	-	-	
	Maint.of plantation	Panarsa	Badar	Kelti	Saira Nala	30.00	105000	-	-	
	Maint.of plantation	Panarsa	Badar	Kelti	Kelti	50.00	175000	-	-	
					Total	90.00	315000			
	7th Year Maintenance									
	Maint.of plantation	Panarsa	Shiva Badar	Kelti	Khotinal	20.00	70000	-	-	
	Maint.of plantation	Kataula	Baggi	Baggi	Challahar	10.00	35000	-	-	
	Maint.of plantation	Kataula	Baggi	Segli	Suhra	10.00	35000	-	-	
	Maint.of plantation	Kataula	Baggi	Baggi	Raksh Nalla	20.00	70000	-	-	
	Maint.of plantation	Drang	Padhar	Padhar	Barshel	20.00	70000	-	-	
	Maint.of plantation	Mandi	Rehradhar	Rehradhar	Skore	25.00	87500	-	-	
					Total	105.00	367500			
	8th Year Maintenance									
	Maint.of plantation	Drang	Drang	Trembli	Barnala	30.00	105000	-	-	
	Maint.of plantation	Kataula	Kataula	Kamand	Khanahar	10.00	35000	-	-	
	Maint.of plantation	Kataula	Kataula	Mohur	Bahalidhar	10.00	35000	-	-	
	Maint.of plantation	Kataula	Kataula	Mohur	Chahal	10.00	35000	-	-	
	Maint.of plantation	Kataula	Kataula	Mohur	Lambidhar	20.00	70000	-	-	
	Maint.of plantation	Drang	Padhar	Padhar	Susang	20.00	70000	-	-	
	Maint.of plantation	Kataula	Kataula	Uttarshah	Jungdhar	30.00	105000	-	-	
	Maint.of plantation	Kataula	Kataula	Mohur	Sakryar	15.00	52500	-	-	
	Maint.of plantation	Panarsa	Aut	Khini	Thalot DPF	30.00	105000	-	-	
					Total	175.00	612500			
	9th Year Maintenance									



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maint. Of Plantations		Panarsa	Piun	Bandhi	Bai Nal	60.00	210000	-	-
						Total	60.00	210000		
	10th Year Maintenance									
	Maint. Of Plantations		Mandi	Redhdhar	Bijni	Chipnu	10.00	35000	-	-
						Total	10.00	35000		
						Total	528.77	2428608		
						Total		12931534		
20	Name of Division - Nachan									
	Maintenance of old Plantations									
	3rd Year Maintenance									
	Maintenance		Pandoh	Chhaprahan	Saroa	Sawala DPF	6.10	19398	-	-
	maintenance		Pandoh	Karthach	Bandal	Bagibanwar	1.47	4675	-	-
						Total	7.57	24073		
	8th Year Maintenance									
	maintenance		Pandoh	Karthach	kalhani	ND174Deo Kandha Ist	33.00	79200	-	-
	maintenance		Pandoh	Karthach	kalhani	ND174 Deo Kandha IInd	35.00	84000	-	-
	maintenance		Pandoh	Karthach	Karthach	ND139 Kamera	20.73	49740	-	-
						Total	88.73	212940		
	9th Year Maintenance									
	maintenance		Seraj	Shilibagi	Ghatiyad	ND175 Kandha	90.00	198000	-	-
	maintenance		Seraj	Shilibagi	Ghatiyad	ND180 Sumanidhar	30.00	66000	-	-
	maintenance		Nachan	Bassa	kharsi	OD384 Mahithana	15.00	33000	-	-
	maintenance		Nachan	Bassa	Jabrat	OD452 Jabrat	15.00	33000	-	-
						Total	150.00	330000		



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
							Total		Total	
						Total	246.30	567013		
						Total		567013		
21	Name of Division - Suket									
	Advance Works									
	RCC Fencing of Land Banks									
	RCC Fencing	Sarkaghat	Thona	Tikker	ND 421 Jhumadhar		10.00	423500	-	-
	RCC Fencing	Jhungi	Trechh	Trechh	Gadahach		5.50	272800	-	-
						Total	15.50	696300		
	Wooden Fencing of Land Banks									
	Stone Wall Fencing of Land Bank									
	Raising of Nursery									
						Total	15.50	696300		
	Plantations									
	Plantations in Land Banks With (RCC)									
	RCC Planting	Sarkaghat	Thona	Tikker	Jhumadhar		8.00	397408	-	-
	RCC Planting	Kangoo	Batwara	Seri	Jader		3.00	149028	-	-
	Plantation	Jhungi	Trechh	Trechh	Gadahach		5.23	303968	-	-
						Total	16.23	850404		
	Plantations in Land Banks With (Wooden)									
	Plantations in Land Banks With (Stone)									
						Total	16.23	850404		
	Maintenance of old Plantations									
	1st Year Maintenance									
	Maintenance	Kangoo	Batwara	Seri	Jader		3.00	30030	-	-
						Total	3.00	30030		
	2nd Year Maintenance									
	Maint.	Jhungi	Trechh	Kinder	Narehli		13.00	87802	-	-
	Maint.	Sarkaghat	Sarkaghat	Bhangoh	Bhangoh		2.00	13508	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
							Total			
							15.00	101310		
	3rd Year Maintenance									
	Maint.		Jhungi	Trechh	Kinder	Narehli	5.00	17490	-	-
	Maint.		Sarkaghat	Sarkaghat	Bhangoh	Bhangoh	2.00	6996	-	-
						Total	7.00	24486		
	4th Year Maintenance									
	Maint.		Jhungi	Trechh	Kinder	Narehli	14.00	48972	-	-
	Maint.		Kangoo	Batwara	Seri Kothi	Jader	9.00	31482	-	-
						Total	23.00	80454		
	5th Year Maintenance									
	6th Year Maintenance									
	Maint.		Kangoo	Batwara	Seri Kothi	DPF Salyana	7.00	24486	-	-
						Total	7.00	24486		
	7th Year Maintenance									
	Maint.		Kangoo	Batwara	Gheru	Gheru	25.00	87450	-	-
						Total	25.00	87450		
	8th Year Maintenance									
	Maint.		Kangoo	Batwara	Dhawal	DPF Dhawal	35.00	122430	-	-
	Maint.		Sarkaghat	Sarkaghat	Bhangoh	Bhangoh	9.00	31482	-	-
	Maint.		Sarkaghat	Thona	Tikker	DPF Tikker	10.00	34980	-	-
	Maint.		Jhungi	Trechh	Trechh	DPF Trechh	10.00	34980	-	-
	Maint.		Jhungi	Nihri	Reagi	DPF Bhoon	20.00	69960	-	-
	Maint.		Jhungi	Pandar	Galukhar	DPF Daint	10.00	34980	-	-
	Maint.		Baldwara	Leda	Bairkot	DPF Bairkot	20.00	69960	-	-
	Maint.		Suket	Sadar	Jarol	DPF Saroni	10.00	34980	-	-
	Maint.		Jaidevi	Rohanda	Rohanda	DPF Thuadhar	23.00	80454	-	-
						Total	147.00	514206		
	9th Year Maintenance									



Amount in (Rs.)										
Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maint.		Kangoo	Batwara	Dhawal	Dhawal	35.00	122430	-	-
	Maint.		Jhungi	Trechh	Trechh	DPF Trechh	11.00	38478	-	-
	Maint.		Jhungi	Trechh	Kinder	DPF Jodhanu	20.00	69960	-	-
	Maint.		Suket	Sadar	Jarol	DPF Phagla	10.00	34980	-	-
	Maint.		Suket	Sadar	Jarol	DPF Jarol	10.00	34980	-	-
						Total	86.00	300828		
	10th Year Maintenance									
						Total	313.00	1163250		
						Total		2709954		
	Name of Circle - Nahan									
22	Name of Division - Nahan									
	Advance Works									
	RCC Fencing of Land Banks									
	Fencing under CA		Nahan	Shambhuwala	Uttamwala	RF Kala Bhood C-8	1.70	72114	30.32.7.53	077.21.43.83
	RCC Fencing of Land Banks		Trilokpur	Kotla	Kundla	RF Gumti Sambhalwa C-1	4.61	195149	30.33.32.78	077.8.0.28
	RCC Fencing of Land Banks		Nahan	Shambhuwala	Bankala	RF Bankala C-2	0.39	16542	30.31.36.15	077.20.14.18
	RCC Fencing of Land Banks		Trilokpur	Kotla	Churan	RF Gumti Sambhalwa C-3	4.37	184985	30 33.40 156	077 10.13 79.7
	RCC Fencing of Land Banks		Trilokpur	Kotla	Churan	RF Gumti Sambhawa C-2	7.96	337021	30 32.48 69.6	077 8.33 8.46
	RCC Fencing of Land Banks		Trilokpur	Kotla	Churan	RF Gumti Sambhalwa C-2	3.61	152884	30 3236153	77 821735
	RCC Fencing of Land Banks		Trilokpur	Kotla	Churan	RF Gumti Sambhalwa C-2	3.32	140602	30 3244971	77 815568
	RCC Fencing of Land Banks		Trilokpur	Trilokpur	Gurudwara	RF Andheri Gurudwara C-1	10.00	423500	30 3146427	77 1127349
						Total	35.96	1522796		



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		
							Phy.	Fin.	Lat.	Long.	
							Total				
							35.96	1522796			
Maintenance of old Plantations											
1st Year Maintenance											
2nd Year Maintenance											
	Maintenance		Trilokpur	Trilokpur	Gurudwara	RF Andheri Gurudwara C-1	5.08	34283	-	-	
	2nd Year Maintenance		Trilokpur	Kotla	Churan	RF Gumti Sambhalwa C-1	10.51	70971	-	-	
	2nd Year Maintenance		Jamta	Jamta	Nauni	RF Nauni C-10	1.44	9753	-	-	
							Total	17.03	115007		
3rd Year Maintenance											
4th Year Maintenance											
5th Year Maintenance											
	2nd Year Maintenance		Trilokpur	Trilokpur	Kandiwala	RF Mahidhar C-4	25.00	87450	-	-	
	5th Year Maintenance		Trilokpur	Trilokpur	Mainthpal	RF Lai Devi C-3	6.00	20988	-	-	
	5th Year Maintenance		Trilokpur	Kotla	Kundla	RF Gumti Sambhalwa C-1,2	26.80	93746	-	-	
	5th Year Maintenance		Nahan	Bikrambag	Kheri	RF Kheri C-1	15.12	52890	-	-	
	5th Year Maintenance		Nahan	Bikrambag	Suketi	RF Suketi C-1	14.75	51596	-	-	
	5th Year Maintenance		Kolar	Kolar	Kolar	Sunkar Khad River Bed Near RF Karondewali C-1	12.00	41976	-	-	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	5th Year Maintenance		Kolar	Bheron	Jamertwa	RF Jameratwa C-6	35.00	122430	-	-
	5th Year Maintenance		Kolar	Lohgarh	Lohgarh -6	RF lohgarh C-29	35.00	122430	-	-
	5th Year Maintenance		Kolar	Shambhalka	Negiwala	RF Negiwala C-5	18.00	62964	-	-
	5th Year Maintenance		Kolar	Shambhalka	Dhakrawala	RF Dhakrawala C-4	35.00	122430	-	-
	5th Year Maintenance		Jamta	Jamta	Nauni	RF Nauni C-12	10.00	34980	-	-
	5th Year Maintenance		Jamta	Jamta	Tallon	RF Tallon C-3	15.00	52470	-	-
	5th Year Maintenance		Jamta	Jamta	Tallon	RFTallonC-4,5	15.00	52470	-	-
						Total	262.67	918820		
	6th Year Maintenance									
	7th Year Maintenance									
	7th Year Maintenance		Trilokpur	Trilokpur	Trilokpur	RF Trlokpur C-3	20.00	69960	-	-
	7th Year Maintenance		Trilokpur	Kotla	Kotla	RFBhogpur Kotla C-1	20.00	69960	-	-
	7th Year Maintenance		Trilokpur	K.Bhood	Kayari`	RF Kayari C-8	6.06	21198	-	-
	7th Year Maintenance		Trilokpur	K.Bhood	Koteri	RF Tirbhuni C-3	7.84	27424	-	-
	7th Year Maintenance		Jamta	Panjhal	Jaitak	RF Jaitak C-3	36.25	126803	-	-
						Total	90.15	315345		
	8th Year Maintenance									
	8th Year Maintenance		Trilokpur	Trilokpur	Burma Papri	RF Mahidhar C-2,3	100.00	349800	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	8th Year Maintenance		Kolar	Lohgarh	Lohgarh -6	RF lohgarh C-31,32	100.00	349800	-	-
						Total	200.00	699600		
	9th Year Maintenance		Nahan	Shambhuwala	Teeb	RF Teeb C-6	10.06	35190	-	-
						Total	10.06	35190		
	10th Year Maintenance		Nahan	Shambhuwala	Teeb	RF teeb C-6	10.00	34980	-	-
						Total	10.00	34980		
						Total	589.91	2118941		
						Total		3641737		
23	Name of Division - Paonta Sahib									
	Maintenance of old Plantations									
	1st Year Maintenance									
	Maintenance of old plantations-		Bhagani	Majri	Killaur	RF Badhana C-3	8.29	26369	-	-
						Total	8.29	26369		
	2nd Year Maintenance									
	3rd Year Maintenance									
	4th Year Maintenance									
	5th Year Maintenance									
	Maintenance of Old Plantations		Bhagni	Majri	Majri	RF Majri C-7 & 8	13.00	34320	-	-
	Maintenance of Old Plantations		Majra	Majra	Majra	RF Sukhumelion	20.00	52800	--	---
	Maintenance of Old plantations		Majra	Majra	Dhaulakuan	RF Saudon Wala C-2 & 3	15.00	39600	--	--



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maintenance of Old Plantations		Majra	Behral	Bata Mandi	RF Guattanpur C-13	25.00	66000	--	---
	Maintenance of Old Plantation		Giri nagar	Kansar	Kansar	RF Kansar C-2	3.60	12708	--	---
	Maintenance of Old plantations		Bhagani	Majri	Majri	RF Majri C-7	18.00	47520	--	---
	Maintenance of Old Plantations		Bhagani	Majri	Gojjar	RF Salatha C-9 & 10	18.00	47520	--	---
	Maintenance of old plantations		Bhagani	Majiri	Killaur	RF Khojjar C-9 & 10	10.00	26400	--	-
	Maintenance of Old Plantations		Bhagani	Majiri	Amboya	RF Amboya C-4	20.00	52800	--	-
	Maintenance of old Plantations		Bhagani	Rajpur	Danda	RF Danda C-20	15.00	39600	--	-
	Maintenance of old plantations		Bhagani	Rajpur	Puruwala	RF Kandela C-1 & 5	20.00	52800	--	---
	Maintenance of old Plantations		Paonta	Chachheti	Sarah	RF Sarah C-4	5.00	13200	--	---
	Maintenance of old plantations		Paonta	Chachheti	Chachheti	RF Chachheti C-10	5.00	13200	--	---
	Maintenance of old plantations		Giri Nagar	Kansar	Kando Baila	RF Barthal C-3	12.00	31680	--	---
	Maintenance of old Plantation`		Giri nagar	Kansar	Bharog Baneri	RF Kando Bharog C-2	10.00	26400	--	---
	Maintenance of old plantation		Majra	Majra	Johron	RF Banswali C-1	15.00	39600	--	---
	Maintenance of old planations		Majra	Majra	Sainwala	RF Jamanwali C-2	15.00	39600	--	---
	Maintenance of old plantations		Majra	Behral	Batamandi	RF Guttanpur C-20	20.00	63600	--	---
	Maint.		Bhagani	Majiri	Killaur	RF Salatha C-3 & C-4	20.00	69960	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maint.		Giri Nagar	Kansar	Gullarwala	RF Gullarwala C-12	15.00	52470	-	-
						Total	294.60	821778		
6th Year Maintenance										
	Maintenance of old Plantations		Bhagani	Majri	Killaur	RF Majri C-1 &2	30.00	95400	--	---
	Maintenance of old plantations		Bhagani	Majri	Killaur	RF Salatha C-3	15.00	47700	--	---
						Total	45.00	143100		
7th Year Maintenance										
	Maintenance of Old Plantations		Bhagani	Majri	Gojjar	RF Khojjar C-8	15.00	47700	--	---
	Maintenance of old plantation.		Majra	Majra	Majra	RF Baddighati C-2& 3	10.00	31800	--	---
	Maintenance of old plantation		Majra	Majra	Bherewala	RF Naurangabad	20.00	63600	--	-
						Total	45.00	143100		
8th Year Maintenance										
	Maintenance of old plantation		Bhagani	Bhagani	Amboya	RF Danda Amboya C-10	25.00	79500	--	---
	Maintenance of old plantations		Bhagani	Bhagani	Dhandhla	RF Dhandhla C-7	15.00	47700	--	---
						Total	40.00	127200		
9th Year Maintenance										
	Maintenance of old plantations		Bhagani	Rajpur	Puruwala	RF Kandella C-2 &3	25.00	79500	--	---
	Maintenance of old plantations		Giri Nagar	Kansar	Gullarwala	RF Gullarwala C-9	25.00	79500	--	---
	Maintenance of old plantation		Mjara	Behral	Satiwala	RF Mstali C-2	10.00	31800	--	---
						Total	60.00	190800		



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	10th Year Maintenance									
	Maintenance of old plantation		Mjra	Sukro	Sukro	RF Sukron C-16	11.00	34980	-	-
						Total	11.00	34980		
						Total	503.89	1487327		
						Total		1487327		
24	Name of Division - Rajgarh									
	Advance Works									
	RCC Fencing of Land Banks									
	RCC Fencing		Sarahan	Ghinni	Ghagger	UF Chakli Banlog	1.50	63525	30°41'5.95	077°17'.1.68
	RCC Fencing		Sarahan	Ghinni	Chandog	UF Kila Kalanch	4.50	190575	N30°44'48.90"	E077°04'54.08"
							7.00	260400		
	RCC Fencing of the Area		Habban	Habban	Chail	RF Habban C3a	5.00	211750	30°54'11.26"	77°19'54.11
	RCC Fencing of Land Banks		Habban	Habban	Chail	RF Habban C3b	25.00	1058750	30°54'04.51"	77°18'54.83"
	RCC Fencing of Land Banks		Sarahan	Ghinni	Ghinni	UF Chukhar Dhangyar C3	15.00	635250	30°45'13.57"	77°05'56.85
						Total	58.00	2420250		
						Total	58.00	2420250		
	Plantations									
	Plantations in Land Banks With (RCC)									
	Planting in RCC LBs		Sarahan	Saindhar	Saindhar	UF Chakli Banlog	1.50	74514	N30°46'44.2"	E077°06'34"
	RCC Fencing		Sarahan	Ghinni	Chandog	UF Kila Kalanch	4.50	223542	N30°44'48.90"	E077°04'54.08"
						Total	6.00	298056		
						Total	6.00	298056		



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
Maintenance of old Plantations										
4th Year Maintenance										
	maint. of plantation		Habban	Habban	Palu	RF Thaina C2a	9.55	30369	-	-
	Maintenance of old Plantations		Rajgarh	Bathaudhar	Sawana	RF Swana	10.00	31800	-	-
	Maintenance of old Plantations		Narag	Naina Tikkar	Chandoli	UF Mehlog	5.00	15900	-	-
	Maintenance of old Plantations		Rajgarh	Dimber	Yashwant Nagar	RF Hiun Salamu	5.00	15900	-	-
						Total	29.55	93969		
5th Year Maintenance										
	Maintenance of old Plantations		Narag	Narag	Narag	MF Thadi	6.66	21179	-	-
	Maintenance of old Plantations		Narag	Wasni	Gandal	MF Kotla Barog	15.00	47700	-	-
	Maintenance of old Plantations		Narag	Wasni	Wasni	MF Sandral	6.00	19080	-	-
	Maintenance of old Plantations		Habban	Habban	Shivapur	RF Shalogini C2	10.00	31800	-	-
	Maintenance of old Plantations		Habban	Habban	Ranaghat	RF Dalmu Deothi C2b	10.00	31800	-	-
	Maintenance of old Plantations		Habban	Thandidhar	Dhamla	RF Katoga c1b	20.00	63600	-	-
	Maintenance of old Plantations		Habban	Habban	Dol	RF Oria	11.22	35680	-	-
	Maintenance of old Plantations		Rajgarh	Dimber	Dimber	PF Donga Saini	10.00	31800	-	-
	Maintenance of old Plantations		Rajgarh	Rajgarh	Churwa	RF Gadol	10.00	31800	-	-
	Maintenance of old Plantations		Rajgarh	Rajgarh	Sanio Deedag	RF 31 Sanio Deedag	10.00	31800	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maintenance of old Plantations		Sarahan	Ghinni	Chandog	UF Kila Kalanch	10.00	31800	-	-
						Total	118.88	378038		
6th Year Maintenance										
7th Year Maintenance										
	Maintenance of old Plantations		Narag	Naina Tikkar	Shina	UF Gadshaya C3	9.50	30210	-	-
						Total	9.50	30210		
8th Year Maintenance										
	Maintenance of old Plantations		Narag	Naina Tikkar	Shina	UF Gadshaya	5.50	19415	-	-
	Maintenance of old Plantations		Narag	Narag	Unchakot	RF Unchakot	20.00	63600	-	-
	Maintenance of old Plantations		Narag	Naina Tikkar	Pathroti	RF Pathroti	20.00	63600	-	-
	Maintenance of old Plantations		Habban	Habban	Ranaghat	RF Dalmu Deothi	40.00	127200	-	-
	Maintenance of old Plantations		Rajgarh	Dimber	Dimber	PF Bharan	30.00	95400	-	-
	Maintenance of old Plantations		Rajgarh	Ghinni	Ghagger	UF Chakli Banlog	30.00	95400	-	-
						Total	145.50	464615		
9th Year Maintenance										
	Maintenance of old Plantations		Narag	Naina Tikkar	Shina	UF Gadshaya	9.50	30210	-	-
	Maintenance of old Plantations		Sarahan	Sarahan	Sarahan	PF Sanon	15.00	47700	-	-
						Total	24.50	77910		
10th Year Maintenance										
						Total	327.93	1044742		
						Total		3763048		



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
25	Name of Division - Renukaji									
	Advance Works									
	RCC Fencing of Land Banks									
	RCC Fencing of Land Banks	Shilla	Shillai	Shillai	Shillai	RF Bali Koti-C6	15.00	635250	N30°41'10"	E077°42'22"
	RCC Fencing of Land Banks	Shillai	Milla	Milla	Milla	Rf Milla Magnal-C3	9.00	381150	N30°41'13"	E077°38'50"
	RCC Fencing of Land Banks	Kafota	Sataun	Sataun	Sataun	Rf Sataun-C1	14.00	592900	N30°33'51"	E077°38'04"
	RCC Fencing of Land Banks	Kafota	Jamana	Kafota	Kafota	Rf Sharli Manpur-C1	20.00	847000	N30°39'02"	E077°46'36"
						Total	58.00	2456300		
	Plantations									
	Plantations in Land Banks With (RCC)									
	CA Plantation	Kafota	Sataun	Sataun	Sataun	RF Sataun C1 & C2	2.00	99352	N30°33'38"	E077°37'56"
						Total	2.00	99352		
	Maintenance of old Plantations									
	7th Year Maintenance									
	Maint of CA Planting	Kafota	Ambon	Gabbbar	Gabbbar	RF Gabbar C4	17.00	49555	--	--
						Total	17.00	49555		
	8th Year Maintenance									
	Maint of CA Plantation	Kafota	Ambon	RF Gabber C4	RF Gabber C4	RF Gabber C4	10.00	29150	--	--
						Total	10.00	29150		
	9th Year Maintenance									
	Maint of CA Plantaion	Kafota	Sataun	Sataun	Sataun	RF Sataun C3	4.00	11660	--	--
						Total	4.00	11660		



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	10th Year Maintenance									
	Maint of CA Plantation		Kafota	Sataun	Sataun	RF Manal	5.00	14575	--	--
						Total	5.00	14575		
						Total	36.00	104940		
						Total		2660592		
	Name of Circle - Rampur									
26	Name of Division - Ani									
	Advance Works									
	RCC Fencing of Land Banks									
	RCC Fencing		Chowai	Paneo	Poeg	Dogrinall	2.60	110240	77*22'53.48"	31*25'30.74"
	RCC Fencing		Chowai	Takrasi	Takrasi	UPF Kamand	5.84	247324	77*19'10.05"	31*30'3.31"
	RCC Fencing		Nither	Tandi	Tandi	UPF Khani	8.00	338800	77*33'47.67"	31*23'46.17"
	RCC Fencing		Nither	Nither	Tandi	UPF Kalog	8.00	338800	77*28'42.67"	31*21'20.83"
	RCC Fencing		Nither	Nither	Sarahar	UPF Shah	0.61	25834	77*32'01.20"	31*24'03.90"
						Total	25.05	1060998		
						Total	25.05	1060998		
	Plantations									
	Plantations in Land Banks With (RCC)									
	Planting in RCC LBs		Chowai	Paneo	Poeg	UPF Dogrinall	2.60	110110	77*22'53.48"	31*25'30.74"
	Plantations in Land Banks With (RCC)		Chowai	Takrasi	Takrasi	UPF Kamand	5.84	247324	77*19'10.05"	31*30'03.31"
	Plantations in Land Banks With (RCC)		Nither	Nither	Tandi	UPF Khani	8.00	338800	77*32'47.67"	31*23'46.17"
	Plantations in Land Banks With (RCC)		Nither	Nither	Tandi	UPF Kalog	8.00	338800	77*28'42.67"	31*21'20.83"
	Plantations in Land Banks With (RCC)		Nither	Nither	Sarahar	UPF Shah	0.61	25834	77*32'01.20"	31*24'03.90"
						Total	25.05	1060868		



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
Maintenance of old Plantations										
1st Year Maintenance										
	maintenance		Chowai	Chowai	Gad	2/22 Jadari Bhour	5.00	50050	-	-
	1st year Maintenance		Chowai	Takrasi	Karshala	UPF-Fanounti	60.00	600600	-	-
	1st year maintenance		Chowai	Takrasi	Karshala	UPF-Kashmal	5.00	50050	-	-
	1st year Maontenance		Chowai	Takrasi	Kuinr	UPF-Uthkhaner	5.00	50050	-	-
	1st year maintenance		Chowai	Chowai	Namhog	UPF-Olwa	30.00	300300	-	-
	1st year Maintenance		Nither	Margi	Ghatu	UPF-Bashla	8.00	80080	-	-
						Total	113.00	1131130		
2nd Year Maintenance										
	2nd year		Chowai	Takrasi	Takrasi	UPF-Kamand	6.00	40524	-	-
		2	Chowai	Khmag	Kot	UPF-Reuns	6.00	40524	-	-
		2	Chowai	Dalsah	Luhri	UPF-Shush	28.00	189112	-	-
						Total	40.00	270160		
3rd Year Maintenance										
		3	Chowai	Khmag	Kohila	Kutwa	10.00	34980	-	-
						Total	10.00	34980		
4th Year Maintenance										
		4	Nither	Margi	Nore	Gudheldhar	9.71	33966	-	-
		4	Chowai	Khmag	Kohila	Parkot Shill	1.06	3708	-	-
						Total	10.77	37673		
5th Year Maintenance										
		5	Nirmand	Nirmand	Brow	UPF-Brow	7.60	26585	-	-
		5	Nirmand	Nirmand	Nirmand	UPF-Kathanda	10.00	34980	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
		5	Chowai	Khmag	Tarala	UPF-Jaon	3.25	11369	-	-	
		5	Chowai	Paneo	Poeg	UPF-Binan	2.35	8220	-	-	
		5	Chowai	Paneo	Patarna	UPF-Khaneri	6.17	21583	-	-	
		5	Chowai	Paneo	Poeg	Shurladhar	28.72	100463	-	-	
	5th year maintenance		Arsu	Nirmand	Nirmand	Kathanda	29.00	101442	-	-	
			Nither	Nither	Koil	Shadhidhar	11.65	40752	-	-	
			Arsu	Arsu	Tharvi	Tharva	3.60	12593	-	-	
			Arsu	Nirmand	Averi	UPF-Bail	7.50	26235	-	-	
			Chowai	Paneo	Bai	UPF-Rishta	2.12	7416	-	-	
						Total	111.96	391636			
	6th Year Maintenance										
			Nither	Margi	Margi	Larly	10.00	34980	-	-	
			Nither	Moin	Koil	Shadidhar	9.00	31482	-	-	
			Nither	Margi	Margi	1/10 Bashad	5.25	18365	-	-	
			Nither	Margi	Margi	Margi	9.52	33301	-	-	
			Nither	Dalsah	Luhri	Bai	10.00	34980	-	-	
			Nither	Margi	Ghatu	UPF-Dagani	12.00	41976	-	-	
			Arsu	Nirmand	Nirmand	Kathanda	8.00	27984	-	-	
			Arsu	sSarahan	Juagi	Nagerh	20.00	69960	-	-	
			Chowai	Paneo	Poeg	Shurladhar	8.00	27984	-	-	
			Chowai	Khmag	Kohila	Parkot Shill	4.00	13992	-	-	
						Total	95.77	335003			
	7th Year Maintenance										
			Nither	Dalsah	Luhri	Bai	10.00	34980	-	-	
			Nither	Nither	Moin	Shini	10.00	34980	-	-	
			Arsu	Kharga	Kindla	UPF-Kimcha	10.00	34980	-	-	
			Arsu	Kharga	Tunan	Bihlaidhar	10.00	34980	-	-	
			Arsu	Arsu	Pali	UPF-Dhamehli	10.00	34980	-	-	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
			Arsu	Sarahan	Sarahan	UPF-Sarahan-II	10.00	34980	-	-	
			Arsu	Nirmand	Averi	UPF-Bail	10.00	34980	-	-	
						Total	70.00	244860			
	8th Year Maintenance										
			Nither	Dalsah	Luhri	Pipaldhar	10.00	34980	-	-	
			Nither	Margi	Nore	UPF-C-65 Dhanodhar	10.00	34980	-	-	
			Nither	Nither	Moin	UPF-C86 Moin	10.00	34980	-	-	
			Nither	Dalsah	Luhri	Bai	10.00	34980	-	-	
			Arsu	Sarahan	Juagi	UPF-Nagerh	20.00	69960	-	-	
						Total	60.00	209880			
	9th Year Maintenance										
			Nither	Nither	Moin	Moin	25.00	87450	-	-	
			Nither	Nither	Koil	Agudhar	10.00	34980	-	-	
			Arsu	Nirmand	Averi	UPF-Bail	15.00	52470	-	-	
			Arsu	Sarahan	Juagi	UPF Nagerh	20.00	69960	-	-	
			Chowai	Paneo	Poeg	Mahavinal	25.10	87800	-	-	
						Total	95.10	332660			
	10th Year Maintenance										
	10th year Maintenance		Nither	Nither	Koil	Sauridhar	11.80	41276	-	-	
	10th Year Maintenance		Chowai	Paneo	Poeg	Dhogrinal	19.40	67861	-	-	
						Total	31.20	109138			
						Total	637.80	3097120			
						Total		5218985			
27	Name of Division - Kinnaur										
	Advance Works										
	RCC Fencing of Land Banks										



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	RCC FENCING	Kilba	Sangla	Rakchham	UF Kharogla	5.00	233448	31.24.33	078.19.48	
	RCC Fencing	Kilba	Sangla	Rakchham	UF Chichir	3.00	140069	31.23.34	078.21.05	
	RCC Fencing	Ki;ba	Sangla	Rakchham	UF Baspa	2.00	93379	31.23.11	078.21.24	
	RCC Fencing	Kilba	Sangla	Sangla	UF Sangla	3.00	140069	31.24.33	078.19.48	
	RCC Fencing	Kilba	Sangla	Chansu	UFChansu	3.00	140069	31.23.11	078.21.24	
	RCC Fencing	Kilba	Sangla	Seringchhe	UF Seringchhe	3.00	140069	31.23.11	078.21.24	
	RCC Fencing	Kilba	Karchham	Ralli	Uf Ralli	3.00	140069	31.24.33	078.19.48	
	RCC Fencing	Kilba	Karchham	Shong	UFShong	3.00	140069	31.24.33	078.19.48	
	RCC Fencing	Kilba	Karchham	Sapni	UF Sapni	3.00	140069	31.23.11	078.21.24	
	RCC Fencing	Kilba	Kilba	Kilba	UF Kilba	2.00	93379	31.23.11	078.21.24	
	RCC Fencing	Kilba	Kilba	Punang	UF Punang	2.00	93379	31.23.11	078.21.24	
	RCC Fencing	Kalpa	Kalpa	Rogi	UF 244 Khosharang	5.00	233448	31.23.34	078.21.05	
	RCC Fencing	Kalpa	Urni	Runang	NC 28 Tharoo	5.00	233448	31.32.35	078.08.50	
					Total	42.00	1960959			
					Total	42.00	1960959			
Plantations										
Plantations in Land Banks With (RCC)										
	RCC Fencing	B/Nagar	B/Nagar	Chaura	NC-5	6.00	56340	31.33.59.75	775150.25	
	RCC Fencing	B/Nagar	Bara Kamba	Bara Kamba	UF-Sholtu	5.00	281700	31.31.15.29	078.0508.39	
	RCC Fencing	Kalpa	Urni	Runang	UF Runang	2.00	123948	31.30.34	078.11.14	
	RCC Fencing	B/Nagar	B/Nagar	Chaura	NC-5	6.00	280137	31.33.59.75	077.51.50.25	
	RCC Fencing	Kalpa	Kalpa	Kalpa	C-239	5.00	309870	31.33.53	078.15.34	
	RCC Fencing	Kalpa	Urni	Runang	NC-27	10.00	466895	31.32.19	078.08.18	
	RCC Fencing	Katgaon	Katgaon	Kafno	UF Rarang Thach	2.00	123948	31.32.45.00	078.00.41.09	
	RCC Fencing	Kilba	Sangla	Chansu	C-152(b) Chansu	5.00	309870	31.26.19	078.13.18	
	RCC Fencing	Kilba	Sangla	Chansu	UF Palingcha	7.00	326827	31.26.37	078.12.56	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
	RCC Fencing		Kilba	Karchham	Sapni	UF Kanai	4.00	186758	31.26.19	078.13.18	
	RCC Rencing		Kilba	Kilba	Punang	C-135	1.00	46690	31.32.05	078.02.22	
	RCC Fencing		Nichar	Nichar	Panvi	DPF DIPPI(C-127)	2.00	93379	31.30.34	078.11.14	
	RCC Fencing		Nichar	Nichar	Panvi	UPF DIPPI	9.00	420206	31.33.53	078.15.34	
	RCC Fencing		Nichar	Nichar	Kaksthal	C-128	3.00	140069	31.32.19	078.08.18	
	RCC Fencing		Nichar	Nichar	Kaksthal	C-129	4.00	186758	31.32.19	078.08.18	
	RCC Fencing		Nichar	Nichar	Nichar	UF tonge	6.00	280137	31.31.16.7	077.59.30.32	
	RCC Fencing		Nichar	Sungra	Bari	C-74	2.00	93379	31.31.16.7	077.59.30.32	
	FCC Fencing		Pooh	Pooh	Namgiya	UF Chhepan	6.00	280137	31.49.35.55	078.42.48.21	
						Total	85.00	4007046			
Plantations in Land Banks With (Wooden)											
	WoodanFencing		B/Nagar	Shotlu	Jani Ramni	UF 48	5.00	110743	31.49.35.55	078.42.48.21	
	WOODEN FENCING		Katgaon	Katgaon	Musrang	UF 28	8.00	177188	31.39.45.06	078.00.50.18	
	Wooden Fencing		Katgaon	Katgaon	Nathpa	Uf 26	3.00	66446	31.56.63.07	077.97.54.75	
						Total	16.00	354376			
Plantations in Land Banks With (Stone)											
						Total	101.00	4361422			
Maintenance of old Plantations											
1st Year Maintenance											
			B/Nagar	B/Nagar	B/Kamba	UF C/Kamba-II	5.00	62590	31.33.36.9	077.54.46.9	
			Katgaon	Katagaon	Musrang	UPF-29	5.00	62590	31.35.28	078.03.26	
			Katgaon	Katgaon	Kafnoo	UPF-27	5.00	62590	31.35.06	078.01.51	
			Katgaon	Katgaon	Nathpa	UPF-26	5.00	62590	31.33.56	077.59.43	
			Moorang	Jangi	Lippa	C-216 Chakra	10.00	125180	31.40.51.27	078.24.6.45	
			Moorang	Jangi	Rarang	UF Korlhi	27.00	337986	31.35.1.34	078.24.17	
			Moorang	Jangi	Jangi	1C-226	10.00	125180	31.35.38	078.25.48	
			Kalpa	Kalpa	R/Peo	C-242	5.00	62590	31.31.18	078.11.35	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
			Kalpa	Kalpa	Kalpa	C-242	10.00	125180	31.34.11.55	078.15.57.45
			Kalpa	kalpa	Pangi	C-240	5.00	62590	31.34.29.58	078.16.14.90
			Kalpa	Urni	Runang	Gramkhori-I	10.00	125180	31.31.18	078.11.28
			Kalpa	Urni	Tapri	UF-Kakshthal	5.00	62590	31.31.54	078.02.55
			Kalpa	Urni	Urni	NC-33	10.00	125180	31.31.15.5	078.7.7.21
			Kalpa	Kalpa	Kalp	C-239	5.00	62590	31.34.18	078.15.59
			Kalpa	Shongthong	Barang	C-174	7.00	87626	31.29.30	078.16.06
			Kalpa	Shongthong	Purbani	C-181	7.00	87626	31.57.06	078.28.40.7
			Kalpa	Urni	Runang	Homte	5.00	62590	31.30.06	078.11.27
			Kalpa	Urni	Runang	Rajla	3.00	37554	31.30.34	078.10.18
			Kalpa	Urni	Runang	NC-27	4.00	50072	31.32.06	078.08.28
			Kalpa	Urni	Runang	Kashti	5.00	62590	31.31.14.04	078.10.17
			Kalpa	Urni	Urni	NC-32	4.00	50072	31.32.54.02	078.07.07.01
			B/Nagar	B/Nagar	B/ kamba	UF-Bhserang	16.00	200288	31.34.19	077.54.39
			B/Nagar	B/Nagar	B/Kamba	UF-Sorang	15.00	187770	31.35.8.001	077.54.0.00
			Pooh	Pooh	Pooh	C-206	10.00	125180	31.47.42.6	078.48.43.7
			Pooh	Pooh	Pooh	Tinku Nalla	10.00	125180	31.44.77.5	078.33.36.8
			Pooh	Pooh	Namgia	UF-Habsang	10.00	125180	31.48.44.5	078.40.57.7
			Pooh	Pooh	Dubling	UF-Yangti	10.00	125180	31.45.03	078.39.13
			Kilba	Karchham	Ralli	C-167	10.00	125180	31.29.41.08	078.12.16.01
			Kilba	Kilba	Punang	C-135	4.50	56331	31.30.31	078.06.34
			Kalpa	Urni	UF-Urni	UF-Urni	5.00	62590	31.31.14.07	078.07.39.02
			Kalpa	Urni	Runang	NC-27	4.00	50072	31.32.16	078.08.16
			Kalpa	Urni	Runang	UF-Miru	10.00	125180	31.32.04.	078.08.30
			Kalpa	Urni	Runang	UF-Runang	10.00	125180	31.30.32	078.10.40
			Kalpa	Kalpa	R/Peo	C-242	5.00	62590	31.31.21	078.15.45
			Kalpa	Kalpa	R/Peo	C-242	-25.00	300000	31.31.21	078.15.45
			Kalpa	Urni	Urni	UF-Yulla	5.00	62590	31.33.38.06	078.08.46.03



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
							Total	251.50	3761227		
2nd Year Maintenance											
			Kalpa	Urni	Runang	Rajla	3.00	25328	31.30.34	078.10.18	
			Kalpa	Urni	Runang	NC-27	4.00	33770	31.32.16	078.08.16	
			Kalpa	Urni	Runang	Kashti	5.00	42213	31.31.14.04	078.8.10.17	
			Kalpa	Urni	Urni	NC-32	4.00	33770	31.32.54.02	078.07.07.01	
			Kalpa	Kalpa	Kalp	C-239	5.00	42213	31.34.18	078.15.59	
			Kalpa	Shongthong	Barang	C-174	7.00	59098	31.29.30	078.16.06	
			Kalpa	Shongthong	Purbani	C-181	7.00	59098	31.57.06	078.28.40.7	
			Kilba	Sangla	Sangla	C-154C	5.00	42213	31.24.02	078.14.23	
			Kilba	Sangla	Chansu	C-152B	5.00	42213	31.26.12	078.14.02	
			Kilba	Kilba	Kilba	C-140	5.00	42213	31.15.90.8	078.14.02	
			Kilba	Kilba	Punang	C-136	5.00	42213	31.30.40	078.15.48.6	
			Kilba	Kilba	Punang	C-136	5.00	42213	31.30.40	078.15.48.6	
			Kilba	Sangla	Seringcha	C-157	5.00	42213	31.24.46	078.19.45	
			Kilba	Karchham	Shong	C-165	5.00	42213	31.30.40	078.15.48.6	
			Kilba	Karchham	Ralli	UF-Meber	5.00	42213	31.24.02	078.14.23	
			Kilba	Karchham	Sapni	C-166	5.00	42213	31.26.12	078.14.02	
			Moorang	Jangi	Jangi	C-223	5.00	42213	31.35.38	078.25.48	
			Moorang	Jangi	Jangi	C-226	10.00	84425	31.38.14	078.22.12	
			Moorang	Jangi	Rarang	C-227	5.00	42213	31.35.0.90	078.25.321	
			Moorang	Ribba	Moorang	UF-Nesang	5.00	42213	31.39.51	078.29.47	
			Moorang	Jangi	Akpa	UF-Asrang	10.00	84425	31.39.51	078.21.24	
			Moorang	Jangi	Rarang	UF-Akpa	5.00	42213	31.35.0.90	078.25.322	
			B/Nagar	B/Nagar	B/Kamba	UF-Shorang	5.00	42213	31.35.24.82	077.52.59.14	
			B/Nagar	B/Nagar	B/Kamba	UF-Gharshu	5.00	42213	31.34.05.51	077.54.59.81	
			B/Nagar	B/Nagar	Rupi	UF-Rupi	3.00	25328	31.34.57	077.51.38	
			B/Nagar	B/Nagar	Rupi	UF-Burang	2.00	16885	31.34.56.3	077.51.39.6	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
			Nichar	Tranda	Tranda	C-72(A)	5.00	42213	31.33.50.7	077.53.03.6
			Nichar	Tranda	Tranda	c-72(B)	5.00	42213	31.32.45.6	077.54.02.3
			Nichar	Tranda	Thach	C-70(A)	2.50	21106	31.33.23.8	077.52.31.1
			Nichar	Tranda	Thach	C-69	2.50	21106	31.33.20.5	077.52.27.0
			Nichar	Nichar	Nichar	UF-Bangtu	5.00	42213	31.33.04.1	077.59.54.9
			Nichar	Nichar	Panvi	C-86(A)	5.00	42213	31.31.41.5	078.00.29.0
			Nichar	Nichar	Panvi	C-86(B)	5.00	42213	31.31.18.0	078.00.43.6
			Nichar	Sangla	Bari	UF-Khaio	5.00	42213	31.36.2	077.54.52.6
			Malling	Leo	Chulling	UF-Hango	6.00	50655	31.49.88.4	078.311.808
			Malling	Leo	Chulling	UF-Changcha	3.00	25328	31.449.884	078.31.808
			Malling	Malling	Malling	UF-Malling	10.00	84425	31.53.293	078.37.821
			Malling	Malling	Chango	UF-Nothong	3.00	25328	31.97.51	078.61.43
			Kalpa	Kalp	Roghi	C-247	5.00	42213	31.30.28	078.12.28
			Kalpa	Kalp	Kalpa	C-239	5.00	42213	31.34.03.21	078.25.56.85
			Kalpa	Kalp	Pangi	C-240	5.00	42213	31.34.59.71	078.16.11.05
			Kalpa	Urni	Tapri	Chagaon(Yasha ng)	5.00	42213	31.31.37	078.04.53
			Kalpa	Urni	Runang	Runang(Gramk hori)	5.00	42213	31.31.20	078.11.14
			Pooh	Pooh	Namgia	UF-Namgia	10.00	84425	31.47.366	078.38.320
			Pooh	Kanam	Sunam	UF-Sunam	20.00	168850	30.45.58.4	078.27.37.5
			Katgaon	Katgaon	Nathpa	C-92	10.00	84425	31.34.41	077.37.07
			Kagtaon	Katgaon	Kafno	UPF-27Bai	10.00	84425	31.33.53	078.01.51
			Katgaon	Katgaon	Musrang	Yangpa	10.00	84425	31.38.32	078.01.33
			Katgaon	Katgaon	Kafno	Thungach	10.00	84425	31.33.27	078.02.08
						Total	287.00	2422998		
	3rd Year Maintenance									
			Kilba	Karchham	Ralli	UF-Ralli	14.00	61215	31.29.41.08	078.12.16.01
			Kilba	Karchham	Shong	C-148	6.00	26235	31.30.25.2	078.10.11.1



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
										Kilba	Sangla
			Kilba	Sangla	Rakchham	UF-Rakchham	5.00	21863	31.24.07	078.20.39	
			Kilba	Sangla	Seringcha	C-162 Batseri	11.00	48098	31.24.32	078.19.05	
			Kilba	Sangla	Rakchham	UF-160	4.00	17490	31.21.01.9	078.25.61.9	
			Pooh	Kanam	Giabung	C-202Tam	10.00	43725	31.24.46	078.19.45	
			Pooh	Pooh	Dubling	UF-Dubling	10.00	43725	31.34.41	077.37.07	
			Katgaon	Katgaon	Katgaon	UF-30	10.00	43725	31.36.01	078.03.46	
			Katgaon	Katgaon	Katgaon	UF-27	10.00	43725	31.33.15	078.00.44	
			Katgaon	Katgaon	Katgaon	UF-28	10.00	43725	31.34.22	077.56.58	
			Katgaon	Katgaon	Natpha	C-92	10.00	43725	31.34.08	077.57.24	
			B/Nagar	B/Nagar	C/Kamba	UF-B/Kamba	7.00	30608	31.35.21.41	077.52.38.097	
			B/Nagar	B/Nagar	Rupi	UF-Rupi	8.00	34980	31.35.22.29	077.50.57.13	
			Nichar	Nichar	Nichar	UF-DehaChhot	10.00	43725	31.33.05	077.59.44.8	
						Total	130.00	568425			
4th Year Maintenance											
			Kilba	Sangla	Rakchham	UF-160	5.00	21863	31.21.01.9	078.25.61.9	
			Kilba	Sangla	Seringcha	C-162(b)	5.00	21863	31.24.38	078.18.20	
			Kilba	Karchham	Ralli	UF-Ralli	5.00	21863	31.29.36.2	078.12.1.7	
			Kilba	Karchham	Karchham	C-184	5.00	21863	31.28.22	078.10.28	
			Katgaon	Katgaon	Katgaon	UF-29	5.00	21863	31.37.810	078.01.437	
			Katgaon	Katagon	Katgaon	UF-31	5.00	21863	31.34.45	078.03.28	
			Moorang	Jangi	Jangi	UF-Jangi	5.00	21863	31.37.920	078.25.642	
			Moorang	Jangi	Rarang	UF-Korti Rarang	15.00	65588	31.35.090	078.25.6.42	
			Moorang	Jangi	Lippa	UF-Asrang	15.00	65588	30.37.9.20	078.25.6.42	
			Nichar	Nichar	Kaksthal	NC-14	5.00	21863	31.32.26.7	077.59.16.0	
			Nichar	Sungra	Sungra	C-82	5.00	21863	31.32.39.9	077.59.16.0	
			B/Nagar	B/Nagar	Chaura	NC-5	5.00	21863	31.33.59.05	077.51.55.38	
			B/Nagar	B/Nagar	Chaura	C-68C	5.00	21863	31.33.55.56	077.52.03.52	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
			Kalpa	Urni	Tapri	UF-Kaksthal	5.00	21863	31.38.15	078.03.15.20	
			Kalpa	Urni	Urni	NC-33	5.00	21863	31.31.22.9	078.07.04.12	
			Kalpa	Urni	Runang	UF-Choling	5.00	21863	31.34.5	078.08.27.7	
			Kalpa	Kalpa	Pangi	C-238	5.00	21863	31.35.14.10	078.16.05.62	
			Kalpa	Kalpa	Kalpa	C-239	5.00	21863	31.56.56.68	078.26.41.2	
						Total	110.00	480975			
	5th Year Maintenance										
			Kilba	Sangla	Chansu	UF-Paligcha	5.00	21863	31.26.13.5	078.13.17.6	
			Kilba	Sangla	Sangla	UF-Hurba	5.00	21863	31.24.91.2	078.15.86.2	
			Kilba	Karchham	Sapni	C-141	5.00	21863	31.31.13	078.09.49.10	
			Kalpa	Kalpa	Pangi	C-240	10.00	43725	31.34.24.20	078.16.08.58	
			Kalpa	Kalpa	Pangi	C-240	5.00	21863	31.34.27.4	078.16.06.59	
			Kalpa	Kalpa	Kalpa	C-239	5.00	21863	31.33.33.5	078.15.5.10	
			Katgaon	Katgaon	Kafno	Rangthach	5.00	21863	31.33.17	078.01.43	
			Katgaon	Katgaon	Nathpa	UPF-26Nathpa	5.00	21863	31.34.143	077.58.124	
			Katgaon	Katgaon	Musrang	UPF-Darchi	5.00	62590	31.35.489	077.02.237	
			Nichar	Nichar	Nichar	UF-Bangtu	15.00	65588	31.33.13.54	077.59.55.20	
			B/Nagar	B/Nagar	Chaura	NC-1	5.00	21863	31.33.58.71	077.51.55.31	
			Kilba	Sangla	Rakchham	UF-160	5.00	21863	31.22.12.4	078.23.53.48	
			B/Nagar	Sholtu	Jani Ramni	UF-Ramni	5.00	21863	31.31.11.7	078.04.04.0	
			B/Nagar	B/Nagar	C/Kamba	UF-Garshoo	5.00	21863	31.34.31.27	077.53.30.08	
			Moorang	Ribba	Ribba	C-186	5.00	21863	31.31.11.7	078.04.04.0	
			Moorang	Ribba	Ribba	C-189	5.00	21863	31.35.25.1	078.25.26.7	
						Total	95.00	456115			
	6th Year Maintenance										
			Kilba	Karchham	Sapni	C-166	10.00	43725	31.28.55.8	078.11.16.6	
			Kilba	Sangla	Rakchham	UF-160	20.00	87450	31.21.59.5	078.23.53.4	
			Kilba	Karchham	Ralli	C-167	10.00	43725	31.29.21.5	078.12.07.8	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
			Katgaon	Katgaon	Kafno	UF-29	10.00	43725	31.39.605	078.00.771	
			B/Nagar	B/Nagar	B/Nagar	UF-B/Nagar	5.00	21863	31.33.49.3	077.57.52.5	
			Moorang	Ribba	Moorang	UF-Shurting	10.00	43725	31.26.54.5	078.34.04.7	
			Moorang	Ribba	Moorang	UF-Lanen	10.00	43725	31.36.33.1	078.26.05.2	
			Moorang	Jangi	Jangi	UF-Jangi	10.00	43725	31.37.09.2	078.22.6.4	
			Moorang	Jangi	Lippa	C-215	10.00	43725	31.39.30	078.24.28.9	
			Moorang	Jangi	Lippa	UF-Asrang	10.00	43725	31.37.9.20	078.25.6.42	
			Moorang	Jangi	Rarang	UP-Khadra	10.00	43725	31.35.25.1	078.25.26.7	
						Total	115.00	502838			
7th Year Maintenance											
			Kalpa	Shongthong	Barang	UF-Landhar	10.00	43725	31.33.49.7	078.16.54.3	
			Kalpa	Shongthong	Tangling	C-176	10.00	43725	31.30.36.8	078.16.21.8	
			Nichar	Nichar	kaksthal	Deepee	6.50	28421	31.32.24.0	078.01.44	
			Katgaon	Katgaon	Nathpa	UF-Rarang thach	9.50	41539	31.32.9.48	078.01.035	
			Katgaon	Katgaon	Kafno	UF-29	8.00	34980	31.35.3.86	078.2.802	
			Kilba	Karchham	Sapni	Kangrlus Dehat	10.00	43725	31.28.54	078.10.42	
						Total	54.00	236115			
8th Year Maintenance											
			Kalpa	Urni	Runang	C-248	10.00	43725	31.30.01.6	078.10.491.3	
			Nichar	Nichar	Kaksthal	UF-Kaksthal	10.00	43725	31.30.38.0	078.02.45.2	
			Nichar	Nichar	Nichar	UF-Sumo	15.00	65588	31.33.54	077.59.57	
			B/Nagar	B/Nagar	B/Nagar	UF-Maneoti	10.00	43725	31.31.35.9	077.46.41.8	
			B/Nagar	B/Nagar	B/Nagar	UF-B/Nagar	15.00	65588	31.34.0.7	077.56.48.5	
			Kilba	Karchham	Sapni	UF-Dharwadang	15.00	65588	31.28.54.9	078.11.11.0	
			Kilba	Karchham	Sapni	UF-Wadang	10.00	43725	31.29.30.6	078.11.11.1	
			Kilba	Karchham	Shong	C-165	10.00	43725	31.28.11.8	078.11.04.3	
			Kilba	Karchham	Shong	C-165 II	10.00	43725	31.30.25.2	078.10.11.1	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
			Kilba	Karchham	Ralli	UF-Ralli	10.00	43725	31.29.15.7	078.12.31.1
						Total	115.00	502838		
	9th Year Maintenance									
			Kalpa	Urni	Runang	New/C-248	10.00	43725	31.30.01.6	78.10.49.3
			B/Nagar	B/Nagar	B/Nagar	C-73	20.00	87450	31.32.0.0	77.54.22.9
						Total	30.00	131175		
	10th Year Maintenance									
			Kalpa	Urni	Runang	C-248	10.00	43725	31.30.35.5	78.10.49.3
						Total	10.00	43725		
						Total	1197.50	9106430		
						Total		15428811		
28	Name of Division - Kotgarh									
	Advance Works									
	RCC Fencing of Land Banks									
	RCC fencing of land bank for CA plantation		KUMARSAIN	BARAGAON	SHIWAN	UPF BANAHARDH AR C-232	4.00	169400	31.29975	77.367061
						Total	4.00	169400		
						Total	4.00	169400		
	Plantations									
	Plantations in Land Banks With (RCC)									
	PLANTATION IN LAND BANKS		KUMARSAIN	BARAGAON	SHIWAN	UPF BANAHARDH AR C-232	4.00	198704	31.29975	77.367061
	PLANTATION IN LAND BANK		KOTGARH	BHARERI	NAULLA	UPF KUNDA	1.00	49676	31.346658	77.498088
						Total	5.00	248380		
						Total	5.00	248380		
	Maintenance of old Plantations									



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
1st Year Maintenance										
	MAINT. OF OLD PLANTATIONS		KUMARSAIN	BARAGAON	SHIWAN	UPF BANAHARDH AR C-232	1.00	10010	31.298429	77.364755
						Total	1.00	10010		
2nd Year Maintenance										
	MAINT. OF OLD PLANTATIONS		KUMARSAIN	BARAGAON	SHIWAN	UPF PARESH-I C-229	10.00	67540	31 18 18	077 21 50
			KUMARSAIN	BARAGAON	SHIWAN	UPF PARESH-II C-229	5.00	33770	31 18 18	077 21 17
			KUMARSAIN	BARAGAON	SHIWAN	UPF BANAHARDH AR C-232	5.00	33770	31 18 14	077 21 15
			KUMARSAIN	BARAGAON	SHIWAN	DPF BARGAL CN-12	10.00	67540	31 20 18	077 21 45
			KUMARSAIN	KUMARSAIN	KUMARSAIN	UPF MOHAN C-266	10.00	67540	31 19 15	077 25 58
						Total	40.00	270160		
3rd Year Maintenance										
	MAINTENANCE OF OLD PLANTATIONS		KOTGARH	BHARERI	SAINJ	DPF KEPU CN-35	4.50	15741	31 21 02	077 29 01
			KUMARSAIN	BARAGAON	SHIWAN	UPF BANAHARDH AR C-232	3.00	10494	31 18 07	077 21 06
						Total	7.50	26235		
4th Year Maintenance										
	MAINTENANCE OF OLD PLANTATIONS		KOTGARH	BHARERI	SAINJ	DPF KEPU CN-35	2.50	8745	31 20 53	077 28 50



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
	MAINTENANCE OF OLD PLANTATIONS		KOTGARH	BHARERI	NAULLA	KANDA C-149	1.00	3498	31 20 47	077 29 53	
						Total	3.50	12243			
	5th Year Maintenance										
	MAINTENANCE OF OLD PLANTATIONS		KOTGARH	BHARERI	NAULLA	KANDA C-149	0.50	1749	31 20 50	077 29 51	
						Total	0.50	1749			
	6th Year Maintenance										
	MAINTENANCE OF OLD PLANTATIONS		KUMARSAIN	BARAGAON	SHIWAN	UPF BANAHARDH AR C-232	10.00	34980	31 18 07	077 21 06	
						Total	10.00	34980			
	7th Year Maintenance										
	MAINTENANCE OF OLD PLANTATIONS		KOTGARH	BHARERI	NAULLA	KANDA C-149	1.50	5247	31 20 42	077 29 55	
			KOTGARH	BHARERI	SAINJ	UPF KEPU-I	10.00	34980	31 20 50	077 28 38	
			KUMARSAIN	BARAGAON	SHIWAN	UPF BANAHARDH AR-II	10.00	34980	31 18 07	077 21 06	
						Total	21.50	75207			
	8th Year Maintenance										
			KOTGARH	BHARERI	NAULLA	KANDA C-149	2.70	9445	31 20 45	077 29 51	
			KOTGARH	BHARERI	NAULLA	KANDA C-149	8.50	29733	31 20 38	077 29 48	
			KOTGARH	BHARERI	NAULLA	KANDA C-149	0.50	1749	31 20 46	077 29 46	
			KOTGARH	BHARERI	NAULLA	KANDA C-149	2.00	6996	31 20 41	077 29 43	
						Total	13.70	47923			
	9th Year Maintenance										



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
	MAINTENANCE OF OLD PLANTATIONS		KOTGARH	BHARERI	NAULLA	KANDA C-149	2.00	6996	31 20 35	077 29 44	
						Total	2.00	6996			
	10th Year Maintenance										
			KUMARSAIN	BARAGAON	SHIWAN	UPF BANAHARDH AR	20.00	69960	31 20 35	077 29 44	
			KOTGARH	BHARERI	NAULLA	UPF KANDA	1.00	3498	31 20 44	077 29 39	
						Total	21.00	73458			
						Total	120.70	558961			
						Total		976741			
29	Name of Division - Rampur										
	Advance Works										
	RCC Fencing of Land Banks										
	RCC fencing of Land Bank		Rampur	Nogli	Dansa	UF-Shandal	7.00	308000	31° 25'6.715"	77° 41' 34.88"	
	RCC fencing of land bank		Rampur	Nogli	Dansa	UF-Shandal	7.00	77000	31° 25'6.715"	77° 41' 34.88"	
						Total	14.00	385000			
	Wooden Fencing of Land Banks										
	Stone Wall Fencing of Land Bank										
	Raising of Nursery										
						Total	14.00	385000			
	Plantations										
	Plantations in Land Banks With (RCC)										
	New plantation		Rampur	Nogli	Dansa	UF-Shandal	7.00	310692	31° 25'6.715"	77° 41' 34.88"	
						Total	7.00	310692			
	Maintenance of old Plantations										
	1st Year Maintenance										



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
2nd Year Maintenance											
	2nd year maint.		Nankhari	Gahan	Taprog	DPF-C-69 Sidhpura	67.00	411380	31° 15' 0.79"	77° 30'50.6"	
	2nd year maint.		Nankhari	Gahan	Peojana	C-81 Peojana	26.00	159640	31° 15' 0.56"	77° 32'17.3"	
	2nd year maint.		rampur	Nogli	Dansa	UF-Balidhar	16.00	98240	31° 28' 20.205"	77° 47'25.748"	
	2nd year maint.		Rampur	Nogli	Duttnagar	UF-Shangri Kofta	15.00	92100	31° 22' 40.490"	77° 36'29.708"	
	2nd year maint.		Sarahan	Sarahan	Bhagwat	UF-Phachait	10.00	61400	31° 28' 21.795"	77° 48'46.398"	
	2nd year maint.		Nankhari	Sholi	Delath	UPF-Doi	15.00	92100	31° 22' 50.644"	77° 33'25.326"	
	2nd year maint.		Nankhari	Sholi	Delath	UPF-Delath	15.00	92100	31° 20' 8.851"	77° 32'20.696"	
	2nd year maint.		Nankhari	Sholi	Delath	UPF-Nawaroo	15.00	92100	31° 20'52.448"	77° 32'1.169"	
	2nd year maint.		Nankhari	Gahan	Taprog	DPF-1 Taprog	10.00	61400	31°14'59.211"	77°30'4.701"	
	2nd year maint.		Rampur	Nogli	Duttnagar	Naunabai	20.00	122800	31° 23'6.281"	77° 36'11.538"	
	2nd year maint.		Rampur	Nogli	Nogli	Ruhan	15.00	92100	31° 28' 21.795"	77° 48'46.398"	
	2nd year maint.		Rampur	Nogli	Nogli	Deotan	10.00	61400	31° 24'15.427"	77° 39'27.810"	
	2nd year maint.		Rampur	Deothi	Deothi	NDPF-Majhali	8.00	50147	31° 26'37.420"	77° 43'3.351"	
						Total	242.00	1486907			
3rd Year Maintenance											
	3rd year		Bahli	Bahli	Bahli	D-49 Bahli	16.00	50880	31° 22'9.100"	77° 38'38.500"	
	3rd year		Sarahan	Jaghori	Rawancha	UF-Ghataban	20.00	63600	31° 33'30.500"	77° 48'32.000"	
	3rd year		Nankhari	Sholi	Chakti	UF-Doi	3.00	8586	31° 22'46.577"	77° 33'18.426"	
	3rd year		Rampur	Nogli	Duttnagar	UF-Talai	2.00	7060	31° 23' 9.49"	77° 36' 48.42"	
						Total	41.00	130126			
4th Year Maintenance											
	4th year		Rampur	Nogli	Dansa	UF-Shandal	3.00	8113	31° 25'6.715"	77° 41' 34.88"	
	4th year		Nankhari	Nankhari	Bai Bahli	C-122 Bai Bahli (Part-II)	4.00	13208	31° 16' 41.094"	77° 38' 25.372"	
	4th year		Sarahan	Sarahan	Badhal	UF-Badhal	3.00	10902	31° 33' 27.813"	77° 49' 35.632"	
	4th year		Sarahan	Sarahan	Sarahan	UF-Shahdhar	8.00	25976	31° 30' 17.270"	77° 46' 8.625"	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
							4th year		Sarahan	Gopalpur	Gopalpur
4th year		Rampur	Nogli	Duttanagar	UF-Talai	1.00	1781	31° 23' 9.49"	77° 36' 48.42"		
					Total	25.00	77532				
5th Year Maintenance											
5th year		Rampur	Nogli	Dansa	UF-Shandal	1.00	1399	31° 25' 6.715"	77° 41' 34.88"		
5th year		Nankhari	Nankhari	Bai Bahli	C-122 Bai Bahli (Part-II)	3.00	9985	31° 16' 41.094"	77° 38' 25.372"		
5th year		Sarahan	Sarahan	Badhal	UF-Badhal	10.00	32054	31° 37' 44.4"	77° 41' 27.5"		
5th year		Sarahan	Sarahan	Sarahan	UF-Shahdhar	8.00	NaN52134	31° 30' 17.270"	77° 46' 8.625"		
					Total	22.00	43438				
6th Year Maintenance											
7th Year Maintenance											
7th year		Nankhari	Nankhari	Nankhari	C-114 Punan	14.00	44520	31° 16' 35"	77° 35' 53"		
7th year		Nankhari	Nankhari	Bai Bahli	C-122 Bai Bahli	34.00	207166	31° 16' 35"	77° 35' 53"		
7th year		Sarahan	Phancha	Sarpara	C-215 C Sukachho	22.00	69960	31° 37' 44.4"	77° 41' 27.5"		
7th year		Sarahan	Sarahan	Sarahan	UF-Dheu	15.00	47700	30° 29' 26.3"	077° 46' 38.6"		
					Total	85.00	369346				
8th Year Maintenance											
8th year		Nankhari	Nankhari	Bai Bahli	C-122 Bai Bahli	21.00	67734	31° 16' 35"	77° 35' 53"		
8th year		Nankhari	Nankhari	Nankhari	C-114 Punan	15.00	47700	31° 16' 35"	77° 35' 53"		
8th year		Sarahan	Jaghori	Jaghori	UF-Baraban	20.00	63600	31° 33' 54.3"	77° 47' 07.93"		
8th year		Sarahan	Sarahan	Badhal	UF-6a Badhal	15.00	47700	31° 32' 37.5"	77° 48' 13.9"		
8th year		Sarahan	Phancha	Kaobiu	UF-Bansridhar	20.00	63600	-	-		
8th year		Sarahan	Phancha	Sarpara	C-215 C Sukachho	10.00	31800	31° 37' 44.4"	77° 41' 27.5"		
8th year		Sarahan	Sarahan	Sarahan	UF-Dheu	10.00	31800	30° 29' 26.3"	077° 46' 38.6"		
8th year		Rampur	Nogli	Nogli	UF-Talaidhar	3.00	7950	31° 22' 30.2"	077° 36' 35.5"		
8th year		Rampur	Nogli	Nogli	Kumsu	10.00	31800	-	-		



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
							8th year		Bahli	Bahli	Bahli
8th year		Bahli	Surad	Beaunthal	C-144 Jarashi	10.00	31800	31° 18' 71.5"	77° 42' 57.6"		
8th year		Bahli	Surad	Beaunthal	DPF-C-143	17.00	54060	31° 18' 94.3"	77° 41' 81.9"		
8th year		Nankhari	Gahan	Taprog	C-69 Sidhpur	12.00	NaN38160	31° 15' 0.81"	77° 30' 50.7"		
8th year		Nankhari	Gahan	Peojana	C-81 Peojana	17.00	54060	31° 15' 0.57"	77° 32' 17.2"		
8th year		Nankhari	Nankhari	Kungal Munder	C-115 Punan	12.00	NaN38160	31° 15' 90.0"	77° 36' 38"		
8th year		Nankhari	Sholi	Delath	UF-Banoga	10.00	31800	31° 21' 67.0"	77° 34' 65.3"		
8th year		Rampur	Nogli	Duttnagar	UPF-Talai	11.00	33390	31° 23' 03"	77° 37' 04"		
					Total	223.00	630594				
9th Year Maintenance											
9th year		Rampur	Nogli	Nogli	UF-Talaidhar	1.00	1590	31° 22' 30.2"	077° 36' 35.5"		
9th year		Nankhari	Nankhari	Bai Bahli	DPF-Bai Bahli C-122	25.00	79500	31° 16' 42"	077° 73' 62"		
9th year		Rampur	Nogli	Nogli	UF-Ruhan	25.00	79500	31° 24' 17.0"	077° 40' 12.0"		
9th year		Bahli	Surad	Beaunthal	UF-Paucha	22.00	70596	31° 21' 08.4"	77° 37' 33.7"		
9th year		Sarahan	Phancha	Sarpara	C-215 C Sukachho	15.00	47700	31° 37' 44.4"	77° 41' 27.5"		
9th year		Sarahan	Sarahan	Sarahan	UF-Dehu	20.00	63600	30° 29' 26.3"	077° 46' 38.6"		
					Total	108.00	342486				
10th Year Maintenance											
10th year		Nankhari	Gahan	Jahoo	UF-Chhachi	33.00	103350	31° 18' 45.8"	077° 32' 19.6"		
10th year		Rampur	Nogli	Duttnagar	UF-Childi	19.00	62010	31° 23' 12"	077° 36' 34.9"		
10th year		Rampur	Nogli	Nogli	UF-Talaidhar	15.00	47700	31° 22' 30.2"	077° 36' 35.5"		
10th year		Bahli	Surad	Beaunthal	UF-Paucha	22.00	69960	31° 20' 15.3"	77° 38' 37.6"		
10th year		Sarahan	Phancha	Sarpara	C-215 C Sukachho	13.00	41340	31° 37' 44.4"	77° 41' 27.5"		
					Total	102.00	324360				
					Total	848.00	3404789				
					Total		4100481				



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Name of Circle - Shimla									
30	Name of Division - Chopal									
	Maintenance of old Plantations									
	6th Year Maintenance									
			Banta	Bamta	Gurla	UPF Kashah	9.00	29082	-	-
			Deiya	Jhoker	Kelvi	UPF Kujau	9.50	30636	-	-
			Kanda	Kulag	Lutkeri	Bandal UPF	5.00	16206	-	-
			Kanda	Sainj	manjholi	UPF Lumbra	5.00	16206	-	-
			Kanda	Sainj	Minus	UPF Minus	5.00	16206	-	-
			Kanda	Kulag	Dofta	DPF Manloon	5.00	16206	-	-
			Chopal	Chopal	Thana	Thana UPF	5.00	16206	-	-
			Chopal	Chopal	Thana	Thana UPF	6.00	19425	-	-
			Sarain	Jhakholi	Badlog	UPF Badlog	12.00	38850	-	-
			Tharoach	Tikkari	Tikkari	Kharti Nala	4.50	14541	-	-
			Tharoach	Tharoach	Shilla	Shilla-C-3	4.50	14541	-	-
			Nerwa	Kiarla	Kiarla	UPF Kiarla	7.00	22644	-	-
			Nerwa	Khaddar	Bagna	Kahu-C-9	5.00	16206	-	-
						Total	82.50	266955		
	7th Year Maintenance									
			Chopal	Jhiknipul	Shilikain	Shilikain UPF	8.00	25863	-	-
			Tharoach	Lallon	Mandah	DPF Ranish	10.00	32301	-	-
			Tharoach	Lallon	Mandah	Theira UPF	10.00	32301	-	-
			Bamta	Bamta	Bamta	DPF Bamta	5.00	16206	-	-
			Bamta	Bamta	Gurla	Kashah	5.00	16206	-	-
			Nerwa	Khaddar	Ranjet	UPF Kahu	10.00	32301	-	-
			Kanda	Sainj	Sainj	Jubbli	5.00	16206	-	-
						Total	53.00	171384		
	8th Year Maintenance									



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
			Sarain	Sarain	Chuina	DPF Linzar	6.00	19425	-	-	
			Sarain	Sarain	Khagna	DPF Khagna	6.00	19425	-	-	
			Deiya	Jhoker	Jhoker	UPF Jhoker	25.00	80919	-	-	
			Deiya	Deiya	Jawalnu	UPF Dhotali	8.00	25863	-	-	
			Tharoach	Lallon	Mandah	UPF Mandah	10.00	32301	-	-	
			Bamta	Bamta	Gurla	UPF Gurla	20.00	64713	-	-	
			Kanda	Kulag	Nora	Ghorla	10.00	32301	-	-	
						Total	85.00	274947			
	9th Year Maintenance										
			Sarain	Sarain	Chuina	DPF Linzar	9.00	29082	-	-	
			Sarain	Sarain	Khagna	DPF Khagna	9.00	29082	-	-	
			Deiya	Jhoker	Jhoker	UPF Jhoker	10.00	32301	-	-	
			Deiya	Deiya	Jawalnu	UPF Dhotali	12.00	38850	-	-	
			Kanda	Kanda	Banah	UPF Banah	10.00	32301	-	-	
			Kanda	Kanda	Kanda	UPF Kanda	10.00	32301	-	-	
			Chopal	Jhiknipul	Shilikain	DPF Shilikain	20.00	64713	-	-	
						Total	80.00	258630			
	10th Year Maintenance										
						Total	300.50	971916			
						Total		971916			
31	Name of Division - Rohru										
	Maintenance of old Plantations										
	1st Year Maintenance										
	2nd Year Maintenance										
	Maintenance of old plantation		Rohru	Rohru	Kutara	0	12.00	81048	-	-	
						Total	12.00	81048			
	3rd Year Maintenance										
	4th Year Maintenance										



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
	Maintenance of old plantation		Dodra Kawar	Jakha	Jiskoon	0	18.73	65518	-	-	
						Total	18.73	65518			
	5th Year Maintenance										
			Khashdhar	Chirgoan	Tangnu	0	16.56	57927	-	-	
			Khashdhar	Gawas	Tangnu	0	16.56	57927	-	-	
			Khashdhar	Larot	Kharshali	0	9.96	34840	-	-	
			Khashdhar	Chirgoan	Kharshali	0	10.00	34980	-	-	
			Khashdhar	Chirgoan	Sindasli	0	10.00	34980	-	-	
			Rohru	Gawas	Lowerkoti	0	15.71	54954	-	-	
			Khashdhar	Larot	Kharshali	0	7.40	25885	-	-	
			Dodra Kawar	Jakha	Jakha	0	19.59	68526	-	-	
			Tikkar	Tikkar	Tikkar	0	16.89	59081	-	-	
			Tikkar	Tikkar	Naksetli	0	20.00	69960	-	-	
						Total	142.67	499060			
	6th Year Maintenance										
			Rohru	Rohru	Kutara	0	15.00	52470	-	-	
			Khashdhar	Chirgoan	Chirgaon	0	10.00	34980	-	-	
			Sarswati Nagar	Mandal	Mandal	0	19.00	66462	-	-	
			Sarswati Nagar	Chhajpur	Ravingarh	0	5.00	17490	-	-	
			Dodra Kawar	Jakha	Jakha	0	8.00	27984	-	-	
						Total	57.00	199386			
	9th Year Maintenance										
	Maintenance of old Plantations		Rohru	Rohru	Dalgoan	0	10.00	34980	-	-	
	Maintenance of old Plantations		Khashdhar	Chirgoan	Jakhnoti	0	20.00	69960	-	-	
						Total	30.00	104940			
	10th Year Maintenance										



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
			Khashdhar	Larot	Larot	0	10.00	34980	-	-
			Khashdhar	Larot	Larot	0	15.00	52470	-	-
			Khashdhar	Chirgoan	Jakhnoti	0	20.00	69960	-	-
			Khashdhar	Larot	Thallather	0	12.10	42326	-	-
						Total	57.10	199736		
						Total	317.50	1149687		
						Total		1149687		
32	Name of Division - Shimla									
	Advance Works									
	RCC Fencing of Land Banks									
	Advance Works		Koti	Indira	Mundaghat	U-277 Majhar	2.00	84700	-	-
	Advance works		Koti	Koti	Karoli	U-268 Jhandi	8.50	359975	-	-
	Advance Works		Bhajji	Khatnol	Kadharghat	U-22 Palag	2.20	93170	-	-
	Advance Woks		Tara Devi	Jubberhatti	Jubbarhatti	GCL Barog	6.20	262570	-	-
	Advance Works		Tara Devi	Jubberhatti	Kalihatti	GCL Barog	9.10	385385	-	-
	Advance Works		Bhajji	Himri	Himri	D-10 Malgi	4.00	169400	-	-
	Advance Works		Dhami	Halog	Okhroo	U-501 Panjali	10.00	423500	-	-
	Advance Works		Dhami	Halog	Okhroo	U-591 Nalon	10.00	423500	-	-
	Advance Works		Koti	Indra	Mundaghat	U-277 Majhar	7.00	296450	-	-
	Advance Works		Koti	Koti	Phaneot	U-267 Thund	10.00	423500	-	-
	Advance Works		Bhajji	Sunni	Bhajhol	U-594 Kotla	5.60	237160	-	-
	Advance Works		Bhajji	Sunni	Bhajhol	U-594 Kotla	0.50	21175	-	-
	Advance Works		Koti	Koti	Malansheel	U-254 Banlog	3.60	152460	-	-
						Total	78.70	3332945		
						Total	78.70	3332945		
	Plantations									
	Plantations in Land Banks With (RCC)									
	Plantation Works		Koti	Indra	Mundaghat	U-277 Majhar	2.00	84700	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Plantation Works	Koti	Koti	Karoli	U-268 Jhandi	8.50	359975	-	-	
	Plantation Works	Bhajji	Khatnol	Kadharghat	U-22 Palag	2.20	93170	-	-	
	Plantation Works	Tara Devi	Jubberhatti	Jubbarhatti	GCL Barog	6.20	262570	-	-	
	Plantation Works	Tara Devi	Tara Devi	Kalihatti	GCL Barog	9.10	385385	-	-	
	Plantation Works	Bhajji	Himri	Himri	D-10 Malgi	4.00	169400	-	-	
	Plantation Works	Dhami	Halog	Okhroo	U-501 Panjali	10.00	423500	-	-	
	Plantation Works	Dhami	Himri	Okhroo	U-591 Nalon	10.00	423500	-	-	
	Plantation Works	Koti	Indra	Mundaghat	U-277 Majhar	7.00	296450	-	-	
	Plantation Works	Koti	Koti	Phaneot	U-267 Thund	10.00	423500	-	-	
	Plantation Works	Bhajji	Sunni	Bhajhol	U-594 Kotla	5.60	237160	-	-	
	Plantation Works	Bhajji	Sunni	Bhajhol	U-594 Kotla	0.50	21175	-	-	
	Plantation Works	Koti	Koti	Malansheel	U-254 Banlog	3.60	152460	-	-	
	Plantation Works	Bhajji	Sunni	Mandhorghat	U-591 Disti	10.00	423500	-	-	
					Total	88.70	3756445			
Maintenance of old Plantations										
1st Year Maintenance										
	Maint. Works	Koti	Koti	Karoli	U-254 Banlog	1.60	16016	-	-	
	Maint. Works	Koti	Koti	Karoli	U-254 Banlog	3.60	36036	-	-	
	Maint. Works	Bhajji	Sunni	Mandhorghat	U-581 Disti	10.00	100100	-	-	
					Total	15.20	152152			
2nd Year Maintenance										
	Maint. Works	Bhajji	Sunni	Bhajhol	U-594 Kotla	5.60	37822	-	-	
	Maint. Works	Bhajji	Sunni	Bhajhol	U-594 Kotla	0.50	3377	-	-	
	3377	Bhajji	Khatnol	Kadharghat	U-22 Palag	1.60	10806	-	-	
	3377	Bhajji	Khatnol	Kadharghat	U-22 Palag	2.20	14859	-	-	
	Maint. Works	Bhajji	Himri	Himri	D-10 Malgi	4.00	27016	-	-	
					Total	13.90	93881			
3rd Year Maintenance										



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maint. Works		Bhajji	Sunni	Mandhorghat	U-36 Mandhorghat	0.50	1749	-	-
	Maint. Works		Bhajji	Sunni	Mandhorghat	U-36 Mandhorghat	10.00	34980	-	-
	Maint. Works		Bhajji	Sunni	Mandhorghat	U-36 Mandhorghat	5.50	19239	-	-
						Total	16.00	55968		
4th Year Maintenance										
	Maint. Works		Dhami	Halog	Okhroo	U-494 Okhroo Madya	10.00	34980	-	-
						Total	10.00	34980		
5th Year Maintenance										
	Maint. Works		Bhajji	Sunni	Mandhorghat	U-36 Mandhorghat	3.50	12243	-	-
	Maint. Works		Bhajji	Khatnol	Kadharghat	U-22 Palag	16.52	57787	-	-
						Total	20.02	70030		
6th Year Maintenance										
	Maint. of Old Plantation		Koti	Indra	Mundaghat	U-227 Katain Majhar	10.00	34980	-	-
	Maint. of Old Plantation		Koti	Koti	Karoli	D-95 Karoli C-IV	8.00	27984	-	-
	Maint. of Old Plantation		Koti	Koti	Karoli	U-268 jhandi (Chikkhar)	8.00	27984	-	-
	Maint. of Old Plantation		Koti	Koti	Karoli	U-268 Jhandi (Shilli)	8.00	27984	-	-
	Maint. of Old Plantation		Koti	Koti	Malansheel	U-255 Shalail C-II	4.50	15741	-	-
						Total	38.50	134673		
7th Year Maintenance										
	Maint. of Old Plantation		Bhajji	Himri	Sandoa	D-10 Malgi	11.00	38478	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maint. of Old Plantation		Bhajji	Sunni	Bhajhol	U-594 Kotla	7.10	24836	-	-
						Total	18.10	63314		
	8th Year Maintenance									
	Maint. of Old Plantation		Bhajji	Himri	Sandoa	D-10 Malgi	9.45	33056	-	-
	Maint. of Old Plantation		Bhajji	Khatnol	Kadharghat	U-47 Jajher	1.00	3498	-	-
						Total	10.45	36554		
	9th Year Maintenance									
	Maint. of Old Plantation		Dhami	Halog	Dhalaya	UPF Dhalaya	10.00	34980	-	-
	Maint. of Old Plantation		Bhajji	Sunni	Basantpur	U-26 Basantpur	10.00	34980	-	-
	Maint. of Old Plantation		Bhajji	Khatnol	Kadharghat	U-47 Jajher	14.00	48972	-	-
	Maint. of Old Plantation		Koti	Koti	Karoli	U-268 Jhandi	9.20	32182	-	-
						Total	43.20	151114		
	10th Year Maintenance									
			Tara Devi	Totu	Tall	D-203 Neri	4.60	16091	-	-
			Tara Devi	Tara Devi	Tara Devi	R-29 Sandal	5.00	17490	-	-
			Tara Devi	Jubberhatti	Shoghi	D-225 Tarab	4.00	13992	-	-
			Tara Devi	Jubberhatti	Kaljun	D-217 Khariar	20.00	69960	-	-
			Tara Devi	Jubberhatti	Kalihatti	GCL Barog	1.50	5247	-	-
			Bhajji	Sunni	Mandhorghat	U-36 Mandhorghat	2.00	6996	-	-
			Bhajji	Himri	Sandoa	U-9 Gadheri	5.50	19239	-	-
			Bhajji	Himri	Karyali	U-16 Karyali	8.50	29733	-	-
			Koti	Koti	Karoli	U-268 Jhandi	10.00	34980	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
			Koti	Koti	Karoli	U-268 Jhandi	4.00	13992	-	-
			Koti	Koti	Karoli	U-268 Jhandi	4.00	13992	-	-
			Koti	Koti	Karoli	U-268 Jhandi	2.00	6996	-	-
			Koti	Koti	Karoli	U-268 Jhandi	0.70	2449	-	-
			Koti	Koti	Karoli	U-222 Patgair	6.00	20988	-	-
			Koti	Koti	Karoli	U-267 Thund	0.10	350	-	-
			Mashobra	Mashobra	Naldehra	U-160 Kogi Naldehra	2.60	9095	-	-
			Mashobra	Kasumpati	Bharari	U-182 Pagog	0.10	350	-	-
			Mashobra	Kasumpati	Kasumpati	U-Shilari	0.10	350	-	-
						Total	80.70	282289		
						Total	266.07	1074954		
						Total		8164344		
33	Name of Division - Theog									
	Advance Works									
	RCC Fencing of Land Banks									
	Fencing of Areas	kotkhai	Gowatch	Himari	U-490 Chanodhar	3.00	127050	31.3.7.321N	77.23.44.20E	
	Fencing of Areas	Balson	Ghorna	Balag	U-368 Rail	3.00	127050	30.07.50.694N	77.28.31.580E	
	Fencing of Areas	Balson	Ghorna	Balag	U-368 Rail	8.00	338800	31.1.25.85N	77.24.1.508E	
	Fencing of Areas	Balson	Ghorna	Kuthar	U-356 Kanori	7.35	311272	31.7.17.496N	77.28.37.214E	
	Fencing of Areas	kotkhai	Gowatch	Himari	U-491 Bhareli	6.00	254100	31.717.496N	77.28.37.214E	
	Fencing of Areas	kotkhai	Gowatch	Himari	U-491 Bhareli	5.48	232078	31.717.496N	77.28.37.214E	
	Fencing of Areas	Balson	Ghorna	Kuthar	U-361 Kishor	1.00	42350	31.717.496N	77.28.37.214E	
	Fencing of Areas	Balson	Ghorna	Kuthar	U-362 Deothi	13.00	550550	31.39.964N	77.23.57.572E	
	Fencing of Areas	Balson	Ghorna	Balag	U-368 Rail	2.76	116809	30.07.50.694N	77.28.31.580E	
	Fencing of Areas	Balson	Ghorna	Balag	U-366 Khanar	1.00	42350	30.07.50.694N	77.28.31.580E	
	Fencing of Areas	Theog	Matiana	Shilli	D-126 Guthan C-I	5.30	224455	31.09.2.225N	77.27.19.878E	



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Fencing of Areas		Balson	Ghorna	Balag	U-368 Rail	3.14	132979	31.03.375N	77.23.46.61E
	Fencing of Areas		Theog	Theog	Kaleri	U-328 Kareli	3.00	127050	31.619.636N	77.25.8.121E
						Total	62.03	2626893		
Raising of Nursery										
	Raising of nursery		-	-	-	-	126000.00	837200	-	-
						Total	126000.00	837200		
						Total	126062.03	3464093		
Plantations										
Plantations in Land Banks With (RCC)										
	Plantation		kotkhai	Gowatch	Himari	U-490 Chanodhar	3.00	149028	31.3.7.321N	77.23.44.20E
	Plantation		Balson	Ghorna	Balag	U-368 Rail	3.00	149028	30.07.50.694N	77.28.31.580E
	Plantation		Balson	Ghorna	Balag	U-368 Rail	8.00	397408	31.1.25.85N	77.24.1.508E
	Plantation		Balson	Ghorna	Kuthar	U-356 Kanori	7.35	365118	31.7.17.496N	77.28.37.214E
	Plantation		kotkhai	Gowatch	Himari	U-491 Bhareli	6.00	298056	31.717.496N	77.28.37.214E
	Plantation		kotkhai	Gowatch	Himari	U-491 Bhareli	5.48	272224	31.717.496N	77.28.37.214E
	Plantation		Balson	Ghorna	Kuthar	U-361 Kishor	1.00	49676	31.717.496N	77.28.37.214E
	Plantation		Balson	Ghorna	Kuthar	U-362 Deothi	13.00	645788	31.39.964N	77.23.57.572E
	Plantation		Balson	Ghorna	Balag	U-368 Rail	2.76	137016	30.07.50.694N	77.28.31.580E
	Plantation		Balson	Ghorna	Balag	U-366 Khanar	1.00	49676	30.07.50.694N	77.28.31.580E
	Plantation		Theog	Matiana	Shilli	D-126 Guthan C-I	5.30	263282	31.09.2.225N	77.27.19.878E
	Plantation		Balson	Ghorna	Balag	U-368 Rail	3.14	155982	31.03.375N	77.23.46.61E
	Plantation		Theog	Theog	Kaleri	U-328 Kareli	3.00	149028	31.619.636N	77.25.8.121E
						Total	62.03	3081310		
						Total	62.03	3081310		
Maintenance of old Plantations										
1st Year Maintenance										
2nd Year Maintenance										



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maint. of Plantation	Balson	Ghorna	Kuthar	U-362 Deothi	1.50	10140	-	-	
	Maint. of Plantation	Kotkhai	Gohach	Himri	U-490 Chamodhar	0.50	3380	-	-	
	Maint. of Plantation	Balson	Ghorna	Balag	U-368 Rail	1.63	11019	-	-	
					Total	3.63	24539			
	3rd Year Maintenance									
	4th Year Maintenance									
	5th Year Maintenance									
	Maint. of Plantation	Theog	Cheog	Dreach	U-299 Aloti	2.39	8365	-	-	
	Maint. of Plantation	Kotkhai	Gowatch	Himri	U-490Chanodhar	10.62	37170	-	-	
					Total	13.01	45535			
	6th Year Maintenance									
	Maint. of Plantation	Balson	Ghorna	Kuthar	U-362 Deothi& U-361	4.98	17430	-	-	
	Maint. of Plantation	Theog	Cheog	Kalanj	U-318 Riyog	6.16	21560	-	-	
					Total	11.14	38990			
	7th Year Maintenance									
	8th Year Maintenance									
	Maint. of Plantation	Theog	Theog	Kaleri	U-326 Koti	10.00	35000	-	-	
	Maint. of Plantation	Balson	Ghorna	Balag	U-368 Rail	8.78	30730	-	-	
	Maint. of Plantation	Balson	Ghorna	Ghorna	U-397 Charain	10.00	35000	-	-	
	Maint. of Plantation	Kotkhai	Gowatch	Himri	U-490Chanodhar	10.00	35000	-	-	
					Total	38.78	135730			
	9th Year Maintenance									
	Maint. of Plantation	Balson	Ghorna	Kuthar	U-362 Deothi& U-361	51.00	178500	-	-	
					Total	51.00	178500			
	10th Year Maintenance									



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maint. of Plantation		Theog	Theog	Kaleri	U-326Gajeri	10.00	35000	-	-
	Maint. of Plantation		Balson	Ghorna	Kuthar	U-362 Deothi& U-361	70.00	245000	-	-
						Total	80.00	280000		
						Total	197.56	703294		
						Total		7248697		
	Name of Circle - Solan									
34	Name of Division - Nalagarh									
	Maintenance of old Plantations									
	5th Year Maintenance									
	Maint. of old plantations		Baddi	Baddi	Baddi	DPF Khol Dharampur	2.00	6996	-	-
						Total	2.00	6996		
	6th Year Maintenance									
	Maint. of old plantations		Badi	Baddi	Baddi	DPF Khol Dharampur C-	37.00	129426	-	-
	Maint. of old plantations		Baddi	Baddi	Malku Majra	DPF Khol Dharampur C-5	30.00	104940	-	-
	Maint. of old plantations		Baddi	Baddi	Malku Majra	DPF Khol Dharampur C-6	23.00	80454	-	-
	6th Year Maintenance		Baddi	Baddi	Malku Majra	DPF Khol Dharampur C-3	18.00	62964	-	-
						Total	108.00	377784		
	7th Year Maintenance									
	8th Year Maintenance									
	9th Year Maintenance									
	Maint. of old plantations		Baddi	Baddi	Baddi	DPF Khol Dharampur	33.80	118232	-	-
	Maintenance of old Plantations		Nalagarh	Manpura	Plahwala	Quiwal (S)	10.30	36029	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	Maintenance of old Plantations		Nalagarh	Manpura	Plahwala	Khera (S)	20.00	69960	-	-
	Maintenance of old Plantations		Ramshehar	Ramshehar	Kuwarni	DPF Bankah	26.00	90948	-	-
						Total	90.10	315170		
	10th Year Maintenance									
	Maintenance of old Plantations		Nalagarh	Manpura	Mandiyarpur	DPF Khol Nalagarh C-9	23.00	80454	-	-
	Maintenance of old Plantations		Nalagarh	Manpura	Kholbeli	DPF Khol Beli C-1	12.00	41976	-	-
	Maintenance of old Plantations		Kohu	Galot	Chamba	Gharyach	4.00	13992	-	-
						Total	39.00	136422		
						Total	239.10	836372		
						Total		836372		
35	Name of Division - Solan									
	Advance Works									
	RCC Fencing of Land Banks									
	RCC Fencing		Parwanoo	Kasauli	Kasauli	R-54 Kurardev C-1	42.00	1778700	30.53.67	76.58.042
	RCC fencing		Dharampur	Joharji	Joharji	D-213 Kaba Kalna	60.00	2541000	30.48.29.7	77.04.40'40.3
						Total	102.00	4319700		
						Total	102.00	4319700		
	Plantations									
	Plantations in Land Banks With (RCC)									
	Planting		Chail	Gaura	Gaura	GCI Rehad	10.00	496760	30.54'22.77	77.11'59.80
						Total	10.00	496760		
						Total	10.00	496760		
	Maintenance of old Plantations									



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
1st Year Maintenance										
	Maintenance		Dharmapur	Joharji	Bohli	r-40 bohli C2a , D-180 siriguli ka tibba c1	34.00	340340	30.54'22.77	77.11'59.80
						Total	34.00	340340		
2nd Year Maintenance										
3rd Year Maintenance										
	Maint.		Dharampur	Joharji	Joharji	R-44 Jhanai C1	30.34	106129	-	-
						Total	30.34	106129		
4th Year Maintenance										
	Maintenance		Parwanoo	Parwanoo	Parwanoo	D-233 -Datiyar C3	1.20	4198	-	-
						Total	1.20	4198		
5th Year Maintenance										
6th Year Maintenance										
	maint.		Parwanoo	Kasauli	Kasauli	D-230 Jangeshu	48.00	167904	-	-
	Maint.		Subathu	Serighat	Thathol	Bagh Kharki	11.00	38478	31.02.37.1	77.00.09.2
	Maint.		Subathu	Serighat	Mamligh	Kaisu	30.00	104940	31*02'04	77*00'38
	Maint.		Dharampur	Joharji	Joharji	D-214 Gulzar C1 &C2	25.00	87450	-	-
	Maint.		Dharampur	Joharji	Joharji	D-214 Gulzar C3	23.00	80454	-	-
						Total	137.00	479226		
7th Year Maintenance										
	Maint.		Parwanoo	Parwanoo	Parwanoo	R-56 Parwanoo C1 and C2	30.00	104940	-	-
	Maint.		Parwanoo	Lugon	Barog	R-61 Narayani C1	25.00	87450	-	-
	Maint.		Parwanoo	Kasauli	Kasauli	D-230 Jangeshu	30.00	104940	-	-
	Maint.		Parwanoo	Kasauli	Tiron	R-53 Tiron	15.00	52470	-	-



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
								Maint.		Dharampur	Joharji
	Maint.		Subathu	Serighat	Thathol	Naitta Patta Brawary	20.00	69960	31*02'29	76*59'22.4	
	Maint.		Subathu	Serighat	Thathol	Ghori Gharyan	14.00	48972	31*02'37	77*00'09	
	Maint.		Subathu	Serighat	Thathol	Khalba	11.00	38478	31*02'09	77*00'29	
	Maint.		Subathu	Serighat	Thathol	Jakotha	34.00	118932	31*04'54	76*59'24	
	maint.		Subathu	Serighat	Mamligh	Bhola Panog	28.00	97944	31*01'56.7	77*01'07.4	
	maint.		Subathu	Serighat	Mamligh	Dochi	12.00	41976	31*02'23	77*00'40	
	maint.		Subathu	Serighat	Mamligh	Kakra Chapla	20.00	69960	31*02'23.3	77*00'39.9	
	Maint.		Solan	Ochaghat	Ochaghat	Kahan	15.00	52470	-	-	
						Total	304.00	1063392			
8th Year Maintenance											
	maint.		Parwanoo	Lugon	Badog	D-192 Nabhon Pratha	32.00	111936	-	-	
	Maint.		Dharampur	Dharampur	Kumarhatti	D-168 Kairad,D-169 Kairad C-1	30.00	104940	30*51'49.8 30*51.59.6	77*03'37.3 77*03'17.2	
	maint.		Dharampur	Joharji	Neri	R-43 Halda C3	50.00	174900	30*46'50.5	77*02'56.3	
	maint.		Subathu	Subathu	Kothi	Kothi	30.00	104940	30*59'53	77*02'53	
	maint.		Subathu	Subathu	Subathu	Chaproli	25.00	87450	30*57'33	77*00'43	
	maint.		Subathu	Subathu	Alobra	Alobra	70.00	244860	30*01'14	76*05'59	
	maint.		Subathu	Subathu	Alobra	Raikot	52.00	181896	31*02'48	76*05'43	
						Total	289.00	1010922			
9th Year Maintenance											
10th Year Maintenance											
	maint.		Dharampur	Dharampur	Sultanpur	R-31 Barog C-7 &C-8b	6.60	23087	30*31'89	77*06'41.9	
						Total	6.60	23087			
						Total	802.14	3027294			



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location		Amount in (Rs.)
							Phy.	Fin.	Lat.	Long.	
							Total				
	Name of Circle - Wildlife (S) Shimla										
36	Name of Division - WL Shimla										
	Maintenance of old Plantations										
	4th Year Maintenance										
	Maint.		-	-	-	-	25.00	88250	-	-	
						Total	25.00	88250			
	5th Year Maintenance										
	Maint.		-	-	-	-	65.00	229450	-	-	
						Total	65.00	229450			
	6th Year Maintenance										
	Maint.		-	-	-	-	60.00	209880	-	-	
						Total	60.00	209880			
	7th Year Maintenance										
	Maint.		-	-	-	-	30.00	104940	-	-	
						Total	30.00	104940			
						Total	180.00	632520			
						Total		632520			
	Name of Circle - Wildlife (N) Dharamshala										
37	Name of Division - WL Hamirpur										
	Maintenance of old Plantations										
	8th Year Maintenance										
	Maint.		Ngrota Surina	.	.	.	6.07	19302	-	-	
						Total	6.07	19302			
						Total		19302			
	Name of Circle - GHNP Shamshi										
38	Name of Division - GHNP Shamshi										
	Maintenance of old Plantations										



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
1st Year Maintenance										
	Maint. of Plantation		Tirthan	Bathad	Bathad	Tung-III UPF	6.00	41100	-	-
	Maint. of Palntation		Tirthan	Gushaini	Gushaini	UPF Nohanda-II	10.36	70966	-	-
	Maint of Plantation		Tirthan	Gushaini	Gushaini	UPF Nohand-III	7.10	48635	-	-
						Total	23.46	160701		
2nd Year Maintenance										
3rd Year Maintenance										
	Maint of Plantation		Sainj	Shanghar	Suchain	Khaniyar	5.00	17500	-	-
	Maint of Plantation		Sainj	Shanghar	Suchain	Jognidhar	5.00	17500	-	-
	Maint of Plantation		Tirthan	Gushaini	Tinder	Baldhar	6.00	21000	-	-
	Maint of Plantation		Tirthan	Gushaini	Tinder	Sarinal	4.00	14000	-	-
						Total	20.00	70000		
4th Year Maintenance										
	Maint of Plantation		Tirthan	Bathad	Chalori	Tung-III UPF	12.17	42595	-	-
	Maint of Plantation		Tirthan	Gushaini	Gushaini	Tinder Nal	7.50	26250	-	-
	Maint of Plantation		Jiwanal	Deun	Majhan	Riyara	13.00	45500	-	-
	Maint of Plantation		Jiwanal	Raila	Shainsher	Swankanda	12.00	42000	-	-
	Maint of Plantation		Jiwanal	Kunder	Majhan	Thanor	12.00	42000	-	-
						Total	56.67	198345		
5th Year Maintenance										
	Maint of Plantation		Tirthan	Bathad	Mashiyar	Channu Nala	3.63	12705	-	-
						Total	3.63	12705		
6th Year Maintenance										
	Maint of Plantation		Jiwanal	Deun	Majhan	Mail	10.00	35000	-	-
	Maint of Plantation		Jiwanal	Kunder	Majhan	Ranaga	13.00	45500	-	-
	Maint of Plantation		Jiwanal	Raila	Bah	Ratna	10.00	35000	-	-
						Total	33.00	115500		



Sr. No.	Name of Activity	Name of Work	Range	Block	Beat	Area	Amount in (Rs.)			
							Proposed Targets		GPS Location	
							Phy.	Fin.	Lat.	Long.
	7th Year Maintenance									
	Maint of plantation		Jiwanal	Kunder	Majhan	Banaugi	13.00	45500	-	-
	Maint of Plantation		Jiwanal	Kunder	Majhan	Karehila	13.00	45500	-	-
						Total	26.00	91000		
						Total	162.76	648251		
						Total		648251		
39	Name of Division - State CAMPA									
	Advance Works									
	Provision for nursery raising		-	-	-	-	0.00	25695673	-	-
						Total	0.00	25695673		
	Plantations									
	LS Provision for enhancement in wage rate @17%		-	-	-	-	0.00	18284781	-	-
						Total	0.00	18284781		
						Total		43980454		



ACTIVITY WISE ABSTRACT OF				
CATCHMENT AREA TREATMENT PLAN (CAT PLANS)				
FOR THE YEAR 2022-23				
				Amount in (Rs.)
Sr. No.	Name of Activity	Proposed Targets		Remarks
		Phy.(Ha/No. cum etc.)	Fin.	
1	Plantations	635	32186748	
2	Maintenance of Plantations	2173	11799712	
3	Soil Moisture Works	113197	90513381	
4	Research, Training & Capacity Building	17	6567310	
5	Infrastructure & Forest Protection	3568	44418625	
6	Wildlife Activate	45	14466877	
7	Other Works	2928	31823576	
8	Nursery Infrastructure	8028.7	28223772	
	Total		260000000	



**ACTIVITY, CIRCLE, DIVISION AND CAT PLANS WISE ABSTRACT OF
CATCHMENT AREA TREATMENT PLAN (CAT PLANS)
FOR THE YEAR 2022-23**

Name of Circle	Name of Division	Name of CAT Plans	Name of Activity	Amount in (Rs.)	
				Proposed Targets Phy. (Ha/No./cu m etc.)	Fin.
Bilaspur					
	Kunihar				
		Koldam			
			Maintenance of Plantations	5	17490
			Total		17490
			Total Kunihar		17490
Hamirpur					
	Hamirpur				
		Nadaun Irrigation Project			
			Maintenance of Plantations	46	119600
			Soil Moisture Works	14	282600
			Infrastructure & Forest Protection	0	50000
			Wildlife Activate	1	25000
			Other Works	22	466400
			Total		943600
			Total Hamirpur		943600
	Dehra				
		Dhula Sidh			
			Plantations	2	96580
			Soil Moisture Works	44	928000
			Total		1024580
			Total Dehra		1024580
Chamba					
	Dalhousie				
		Phina Singh IP			
			Maintenance of Plantations	212	733044
			Nursery Infrastructure	8000	62020
			Total		795064
			Total Dalhousie		795064
	Chamba				
		Chanju-1			
			Plantations	53	1800800



Name of Circle	Name of Division	Name of CAT Plans	Name of Activity	Amount in (Rs.)	
				Proposed Targets Phy. (Ha/No./cu m etc.)	Fin.
			Maintenance of Plantations	70	329000
			Soil Moisture Works	39540	4276500
			Infrastructure & Forest Protection	68	5073250
			Wildlife Activate	8	940000
			Other Works	1	750000
			Nursery Infrastructure	3	400000
			Total		13569550
			Total Chamba		13569550
	Bharmour				
		Kuther			
			Plantations	94	5492800
			Maintenance of Plantations	338	1534360
			Soil Moisture Works	4335	7302177
			Research, Training & Capacity Building	0	200000
			Wildlife Activate	4	500000
			Total		15029337
		Holi Bajoli			
			Plantations	45	3158100
			Maintenance of Plantations	637	3301828
			Soil Moisture Works	4104	10255309
			Infrastructure & Forest Protection	0	500000
			Wildlife Activate	0	3500
			Other Works	0	2000000
			Total		19218737
		Budhil			
			Maintenance of Plantations	51	146300
			Total		146300
		Chamera-III			
			Maintenance of Plantations	65.5	216150
			Other Works	0	200000
			Total		416150
			Total Bharmour		34810524
	Shimla				
	Rohru				
		Sawara-Kuddu			
			Maintenance of Plantations	15	125730
			Total		125730



Name of Circle	Name of Division	Name of CAT Plans	Name of Activity	Amount in (Rs.)	
				Proposed Targets Phy. (Ha/No./cu m etc.)	Fin.
		Paudi-Tal Lassa			
			Maintenance of Plantations	49	171402
			Total		171402
			Total Rohru		297132
GHNP Shamshi					
	GHNP Shamshi				
		Parvati-III			
			Maintenance of Plantations	144	156400
			Wildlife Activate	0	2250000
			Other Works	0	2000000
			Nursery Infrastructure	0	500000
			Total		4906400
		Sainj			
			Maintenance of Plantations	65	105000
			Soil Moisture Works	595	2302700
			Wildlife Activate	0	1200000
			Other Works	0	2650000
			Nursery Infrastructure	0	300000
			Total		6557700
			Total GHNP Shamshi		11464100
WL Kullu					
		Sunni Dam			
			Research, Training & Capacity Building	0	26100
			Infrastructure & Forest Protection	1	893875
			Wildlife Activate	0	2900
			Other Works	0	1297290
			Total		2220165
			Total WL Kullu		2220165
Wildlife (N) Dharamshala					
	WL Chamba				
		Chamera-III			
			Maintenance of Plantations	15	11100
			Infrastructure & Forest Protection	503	587500
			Wildlife Activate	2	500000
			Other Works	6	1620000
			Total		2718600
		Budhil			



Name of Circle	Name of Division	Name of CAT Plans	Name of Activity	Amount in (Rs.)	
				Proposed Targets Phy. (Ha/No./cu m etc.)	Fin.
			Plantations	30	720000
			Maintenance of Plantations	5	12000
			Total		732000
			Total WL Chamba		3450600
Kullu					
	Parvati				
		Parvati-II			
			Maintenance of Plantations	11.5	34275
			Soil Moisture Works	4335	23475600
			Total		23509875
		Malana-II			
			Plantations	95	3803500
			Maintenance of Plantations	129	496650
			Total		4300150
		Malana-I			
			Maintenance of Plantations	5	12000
			Total		12000
			Total Parvati		27822025
	Kullu				
		Allain Duhangan			
			Maintenance of Plantations	14	33600
			Soil Moisture Works	348	2920000
			Other Works	5	180000
			Total		3133600
		Baragaon			
			Infrastructure & Forest Protection	20	400000
			Other Works	40	400000
			Total		800000
			Total Kullu		3933600
Rampur					
	Rampur				
		Luhari HEP Stage-I			
			Plantations	35	1185000
			Soil Moisture Works	40624	8355020
			Research, Training & Capacity Building	0	1300000
			Infrastructure & Forest Protection	3	5000000
			Wildlife Activate	17	4471637



Name of Circle	Name of Division	Name of CAT Plans	Name of Activity	Amount in (Rs.)	
				Proposed Targets Phy. (Ha/No./cu m etc.)	Fin.
			Other Works	13	3050000
			Total		23361657
		Jogini			
			Maintenance of Plantations	15	37500
			Other Works	0	820000
			Total		857500
		Sumez			
			Maintenance of Plantations	5	10000
			Other Works	0	2505000
			Total		2515000
		Upper Nanti			
			Maintenance of Plantations	20	66000
			Research, Training & Capacity Building	0	1004000
			Other Works	0	60000
			Total		1130000
		Lower Nanti			
			Maintenance of Plantations	25	87500
			Other Works	1	3243200
			Total		3330700
			Total Rampur		31194857
	Ani				
		Rampur HEP			
			Plantations	181	6909000
			Soil Moisture Works	3	625000
			Research, Training & Capacity Building	2	1237210
			Infrastructure & Forest Protection	1103	2260000
			Wildlife Activate	2	800000
			Other Works	34	721539
			Total		12552749
		Luhari HEP Stage-I			
			Plantations	83	6037750
			Soil Moisture Works	3599	19692665
			Research, Training & Capacity Building	6	900000
			Infrastructure & Forest Protection	8	5700000
			Wildlife Activate	11	848840



Name of Circle	Name of Division	Name of CAT Plans	Name of Activity	Amount in (Rs.)	
				Phy. (Ha/No./cu m etc.)	Fin.
			Other Works	6	2611897
			Nursery Infrastructure	2.7	900000
			Total		36691152
			Total Ani		49243901
	Kinnaur				
		Tidong-I			
			Plantations	17	941200
			Maintenance of Plantations	15	101500
			Soil Moisture Works	1	200000
			Infrastructure & Forest Protection	4	1539000
			Other Works	15	402500
			Total		3184200
		Kashang			
			Plantations	17	74332.5
			Research, Training & Capacity Building	0	150000
			Infrastructure & Forest Protection	200	540000
			Wildlife Activate	0	500000
			Other Works	2000	2000000
			Total		3264332.5
		Shongtong Karchham			
			Plantations	50	1967685
			Maintenance of Plantations	174	3793633
			Soil Moisture Works	0	3480000
			Research, Training & Capacity Building	9	1750000
			Infrastructure & Forest Protection	1	8200000
			Wildlife Activate	0	1700000
			Other Works	335	2085750
			Nursery Infrastructure	19	434734
			Total		23411802
		NJPC			
			Maintenance of Plantations	13	28600
			Total		28600
		Sorang			
			Soil Moisture Works	0	800000
			Infrastructure & Forest Protection	4	2300000
			Wildlife Activate	0	600000



HP State Authority – APO For the Year 2022-23

Name of Circle	Name of Division	Name of CAT Plans	Name of Activity	Amount in (Rs.)	
				Proposed Targets	
				Phy. (Ha/No./cu m etc.)	Fin.
			Total		3700000
		Selti Masrang			
			Maintenance of Plantations	15	79250
			Soil Moisture Works	5	2200000
			Infrastructure & Forest Protection	1600	755000
			Nursery Infrastructure	0	150000
			Total		3184250
		Roura-II			
			Maintenance of Plantations	14	39800
			Infrastructure & Forest Protection	6	2000000
			Other Works	450	460000
			Total		2499800
			Total Kinnaur		39272985
HP State CAMPA					
		State CAMPA			
		Koldam			
			Nursery Infrastructure	0	23977018
			Total		23977018
			Total State CAMPA		23977018
Mandi					
		Karsog			
		Sunni Dam			
			Soil Moisture Works	15647	2717810
			Infrastructure & Forest Protection	47	8620000
			Wildlife Activate	0	125000
			Other Works	0	2300000
			Nursery Infrastructure	2	2200000
			Total		15962810
			Total Karsog		15962810
			Total CAT Plans		260000000



**COMPONENT, ACTIVITY, CIRCLE, DIVISION AND CAT PLANS WISE ABSTRACT OF
CATCHMENT AREA TREATMENT PLAN (CAT PLANS) APO
FOR THE YEAR 2022-23**

Amount in (Rs.)

Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
Name of Circle -Bilaspur									
Name of Division - Kunihar									
Name of CAT Plans - Koldam									
Plantations									
Maintenance of Plantations									
	Plantation	Darlaghat	Kandhar	Labrath	UPF Siharli	5	17490	-	-
					Total	5	17490		
					Total		17490		
					Total Kunihar		17490		
Name of Circle -Hamirpur									
Name of Division - Hamirpur									
Name of CAT Plans - Nadaun Irrigation Project									
Plantations									
Maintenance of Plantations									
	Maint.	Nadaun	Nadaun	Tillu	DPF Tillu c2c Nala Near Tillu Khas (well)Village	1	2600	N31°46'325"	" E076°21'790
	Maint.	Nadaun	Nadaun	Tillu	P-38-Kuthar c-1-b	3	7800	N31°46'213"	E76°21'629"
	Maint.	Nadaun	Nadaun	Chathiar	P-35-Rarajori c-1-c (Palyal)	3	7800	N31°45'968"	E076°25'859"
	Maint.	Nadaun	Nadaun	Jeehan	P-36-Jeehan c5c	8	20800	N31°47'02"	E076°26'30"
	Maint.	Nadaun	Kangoo	Batran	P-27-Basaral c3b& c3c	4	10400	N31°42' 02"	E 076°21'42"
	Maint.	Nadaun	Kangoo	Dangri	Govt. Land Buni	2	5200	N31°42'36"	E 076°24'32"
	Maint.	Nadaun	Kangoo	Batran	P-24-Batran c1a & c1b	3	7800	N31°42' 17"	E 076°23' 03"



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Maint.	Nadaun	Kangoo	Batran	U-270 Ghaloon c-2	2	5200	N31°43' 27"	E076° 22'52"
	Maint.	Nadaun	Kangoo	Batran	P-28-Bhounti c1a	3	7800	N31°43' 34"	E076°22'42"
	Maint.	Nadaun	Kangoo	Batran	P-28-Bhounti c1c	3	7800	N31°43'23"	E76°22'05"
	Maint.	Nadaun	Chathiar	Nadaun	P35 Rarajori c3b& c3c	4	10400	-	-
	Maint.	Nadaun	Nadaun	Chathiar	P35 Rarajori c-5-a	2	5200	N31°45'380"	E076°26'445"
	Maint.	Nadaun	Nadaun	Chathiar	U-342 Plassi	6	15600	N31°44'592"	E076°26'588"
	Maint.	Nadaun	Nadaun	Chathiar	U-341 Amlehru	2	5200	N31°44'535"	E076°26'488"
					Total	46	119600		
Soil Moisture Works									
	Maint.	Nadaun	Nadaun	Tillu	U-303-Tillu nala near Tillu Village	1	2600	N31°46'745"	E076°21'752"
	Maint.	Nadaun	Nadaun	Tillu	P-39- Tillu c2b	1	2600	N31°46'251"	E076°21'587"
	Maint.	Nadaun	Kangoo	Batran	P-28-Bhounti c-3-a	2	5200	N31°43'20"	E076°22'35"
	Maint.	Nadaun	Kangoo	Batran	P-28-Bhounti c-1-c	2	5200	N31°43'23"	E76°22'05"
	Silt Deduction dam	Nadaun	Nadaun	Chathiar	Dry Masonary Check Dam	3	126000	-	-
	Dry Mesonary Check Dam	Nadaun	Nadaun	Chathiar	Create wire check Dam	4	32000	-	-
	DMCD	Nadaun	Nadaun	jeehan	---	1	109000	-	-
					Total	14	282600		
Infrastructure & Forest Protection									
	F/wood	Nadaun	Kangoo	Kangoo	---	0	50000	-	-
Wildlife Activate									
	---	---	---	---	WILDLIFE management and biodiversity conservation	1	25000	-	-
					Total	1	25000		
Other Works									
	Maint. of old Plant. (Eco Development Enrichment Planting)	Nadaun	Nadaun	Tillu	P-39-Tillu c-1-a, C1c	4	10400	-	-
		Nadaun	Kangoo	Kangoo	P-20-Malag-c-2-b, c-2-c & c2-d	10	26000	N31°41' 34.8"	E 76°24'58.0"
		Nadaun	Kangoo	Kangoo	Private Tikka Badhera	2	0	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Maint. (Private Land Planting 1100 Plants)	Nadaun	Kangoo	Kangoo	Private Tikka Gujrera	1	0	-	-
		Nadaun	Kangoo	Batran	Private Tikka Sai	2	0	-	-
	Mobiliz. Mobilization of user group	Nadaun	kangoo	Kangoo	---	0	25000	-	-
	Documentation	Nadaun	Nadaun	Tillu	-	1	15000	-	-
	Moisture Re-tension interventions	Nadaun	Nadaun	Tillu	--	1	0	-	-
	Forest protection from forest Fire	Nadaun	Nadaun	Tillu	---	1	200000	-	-
	Distribution of Plants	Nadaun	Nadaun	Tillu	---	0	40000	-	-
	implementation of support infrastructure	Nadaun	Nadaun	Tillu	---	0	50000	-	-
	Site Specific Measures	Nadaun	Nadaun	----	---	0	100000	-	-
					Total	22	466400		
					Total		893600		
					Total Hamirpur		893600		
Name of Division - Dehra									
Name of CAT Plans - Dhula Sidh									
Plantations									
	New plantation	Khundian	Majheen	Sihorwala	UP7 D Sihorwala C11	2	96580	31-51-820	76-26-4583
					Total	2	96580		
Maintenance of Plantations									
Soil Moisture Works									
	crate wire structure large	Khundian	Majheen	Sihorwala	UP 7 D Sihorwala C1	10	423000	31.48.2510	76-27-404
	Crate wire structure small	Khundian	Majheen	Sihorwala	UP 7 D Sihorwala C13	12	296400	31-49-2634	076-27-4223
	Bursh wood check dams	Khundian	Majheen	Sihorwala	UP 7 D Sihorwala c1	10	61000	31-48-1991	76-16-5155
	Dry stone check dam	Khundian	Majheen	Sihorwala	UP7 D Sihorwala c1	12	147600	31-48-2558	076-26-5719
					Total	44	928000		
					Total		1024580		



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
Total Dehra							1024580		
Name of Circle -Chamba									
Name of Division - Dalhousie									
Name of CAT Plans - Phina Singh IP									
Plantations									
Maintenance of Plantations									
	3rd Maintenance	Chowari	Raipur	Lower Chakki	Kutt	10	34980	-	-
	3rd Maintenance	Chowari	Kainthly	khadadanda	Khadadanada	8	27984	-	-
	3rd Maintenance	Chowari	Raipur	Lower Chakki	Reaseid	2	6996	-	-
	4rd Maintenance	Chowari	Manhuta	Hathidhar	Khadet-II	5	17490	-	-
	4th Maintenance	Chowari	Manhuta	Manhuta	Godra	3	10494	-	-
	4th Maintenance of energy Plantation	Chowari	Manhuta	Parsiyara	Gumrahar	1	2400	-	-
	5th year Maintenance	Chowari	Chowari	Lower Chowari	Tornu Nalla	2	4800	-	-
	5th year maintenance	Chowari	Chowari	Upper Chowari	Gurnalk	2	4800	-	-
	5th year Maintenance	Chowari	Chowari	Lahroo	Nargada Nalla	4	9600	-	-
	Maintenance work	Chowari	Raipur	Raipur	Harnala c2	3	7200	-	-
	Maintenance work	Chowari	Raipur	Saloh	Tatru	2	4800	-	-
	Maintenance works	Chowari	Manhuta	Hathidhar	Bane Da Nalla	5	12000	-	-
	Maintenance works	Chowari	Manhuta	Manhuta	Gummu	5	12000	-	-
	5th year Maintenance	Chowari	Raipur	Lower Chakki	Drabbar Banchho	20	76000	-	-
	5th year Maintenance	Chowari	Raipur	Lower Chowari	Kumahar Ghodi	15	57000	-	-
	5th year Maintenance	Chowari	Chowari	Lower Chowari	Jhanjroo	9	34200	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	5th year maintenance	Chowari	Chowari	Manhuta	Chaffru Sipiyan Da	15	57000	-	-
					Total	111	379744		
Other Works									
Nursery Infrastructure									
	Raising of Nursery	Chowari	Chowari	0	0	8000	62020	-	-
					Total	8000	62020		
					Total		795064		
					Total Dalhousie		857084		
Name of Division - Chamba									
Name of CAT Plans - Chanju-1									
Plantations									
	Parabha DPF	Tikri	Chanju	Bhaghei	Parabha CA	5	211750	-	-
	Tundara DPF	Tikri	Chanju	Baghei	Tundara DPF	10	423500	-	-
	Patwal DPF	Tikri	Chanju	Chanju	Daka CA	8	338800	-	-
	Fanotha CA	Tikri	Chanju	Sundri	Kanodi CA	5	211750	-	-
		Tikri	Chanju	Bhaghei	Jawara Dhar	10	246000	-	-
		Tikri	Chanju	Dantuine	Deyothal	5	123000	-	-
		Tikri	Chanju	Bhaghei	Sencer Pata	10	246000	-	-
					Total	53	1800800		
Maintenance of Plantations									
		Tikri	Chanju	Bhaghei	Jiyuna CA	10	45000	-	-
		Tikri	Chanju	Sundri	Bhangudi CA	5	22500	-	-
	Shuklu CA	Tikri	Chanju	Chanju	Shuklu CA	5	22500	-	-
	Nalot CA	Tikri	Chanju	Bhaghei	Nalot CA	10	52000	-	-
		Tikri	Chanju	Chanju	Jammu	10	52000	-	-
		Tikri	Chanju	Bhaghei	Khander CA	10	45000	-	-
		Tikri	Chanju	Bhaghei	Sunderwua CA	10	45000	-	-
		Tikri	Chanju	Sundri	Sunderi CA	10	45000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
Total						70	329000		
Soil Moisture Works									
	Kunga DPF	Tikri	Chanju	Bhaghei	Kunga Nalla	7	700000	-	-
	Milgu DPF	Tikri	Chanju	Chanju	Panglodi Nalla	4	400000	-	-
	Deyothal DPF	Tikri	Chanju	Dantuien	Sapan Nalla	7	700000	-	-
	Deyothal DPF	Tikri	Chanju	Dantuien	Tapri Nalla	4	400000	-	-
	Churseu DPF	Tikri	Chanju	Chanju	Chanju Nalla	7	700000	-	-
	Khali DPF	Tikri	Chanju	Chanju	Khali Ghar	7	700000	-	-
	Bhangod DPF	Tikri	Chanju	Sundri	Shahed Nalla	4	400000	-	-
		0 Tikri	Chanju	Bhaghei	Kharaw	28000	196000	-	-
	Khalli DPF	Tikri	Chanju	Chanju	Khalli	11500	80500	-	-
Total						39540	4276500		
Research, Training & Capacity Building									
Infrastructure & Forest Protection									
	Jured RF	Tikri	Chanju	Bhaghei	Jured RF	45	173250	-	-
	Forest Protection	Tikri	Chanju	Bhaghei	Repair of Forest Path Sawala to Jured	4	400000	-	-
	Forest Protection	Tikri	Chanju	Dantuien	R/o B/Path Jasuie to Dantuin	4	400000	-	-
	Forest Protection	Tikri	Chanju	Sundri	R/o B/Path Trathana to Andhi Challi	4	400000	-	-
	Forest Protection	Lower Chamba	Chamba	Gudda	R/o B/Path Karunti Buti to Pichala Gana	1	100000	-	-
	Maint. of Building	Tikri	Jassor	Tikri	R/o FRH Tikrei	1	500000	-	-
	Maint. of Building	Tikri	Chanju	Chanju	R/o FRH Chanju	1	200000	-	-
	Maint. of Building	Tikri	Chanju	Chanju	R/o B.O. Qtr. Chanju	1	200000	-	-
	Maint. of Building	Tikri	Chanju	Chanju	R/o FRH Deola	1	500000	-	-
	Maint. of Building	Tikri	Jassor	Tikri	R/o Range Office Tikri	1	200000	-	-
	Luneg DPF	Tikri	Chanju	Chanju	R/o B.O. Qtr. Chanju	1	200000	-	-
	Sawala DPF	Tikri	Chanju	Chanju	R/o FGD Hut Chanju	1	250000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Tikri DPF	Tikri	Chanju	Tikri	B/Wall around the Range Office Tikri	1	300000	-	-
	Khender DPF	Tikri	Chanju	Bhaghei	R/o Fgd Hut Baghaie	1	250000	-	-
	Maint. of Building	Lower Chamba	Chamba	Shamdhar	R/o of Forest Colony	1	1000000	-	-
					Total	68	5073250		
Wildlife Activate									
	Jawara DPF	Tikri	Chanju	Bhaghei	Dhar Jwara	2	300000	-	-
	Sanserpatta DPF	Tikri	Chanju	Bhaghei	Dhar Senserpatta DPF	2	200000	-	-
	Anderle Sari DPF	Tikri	Chanju	Dantuien	Dhar Anderle Sari	1	120000	-	-
	Panjoth Dhar	Tikri	Chanju	Sundri	Banjoth	2	200000	-	-
	Pakhara DPF	Tikri	Chanju	Chanju	Dhar Pakhara	1	120000	-	-
					Total	8	940000		
Other Works									
	Mora DPF	Tikri	Chanju	Chanju	C/o Tracking Hut near Dantuine Mata Temple	1	750000	-	-
					Total	1	750000		
Nursery Infrastructure									
	Dev. of Nursery	Tikri	Chanju	Bhaghei	Kund Nursery-I	1	100000	-	-
	Dev. of Nusery	Tikri	Chanju	Bhaghei	Kund Nursery-II	1	200000	-	-
	Dev. of Nursery	Tikri	Chanju	Chanju	Mehla Nursery	1	100000	-	-
					Total	3	400000		
					Total		13569550		
					Total Chamba		13969550		
Name of Division - Bharmour									
Name of CAT Plans - Kuther									
Plantations									
	New Aff.	Bharmour	Sandi	Sirdi	Daroon	5	350900	32°29'22"	76°29'52"
	New Aff.	Bharmour	Sandi	Chobia	Choki	5	350900	32°28'17"	76°34'46"



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	New Aff.	Bharmour	Sandi	Chobia	Kao	5	350900	32°28'48"	76°35'5"
	New Aff.	Bharmour	Bharmour	Arki	Chaki	5	350900	32°26'47"	76°28'38"
	New Aff.	Bharmour	Bharmour	Bharmour	Simra goth	5	350900	32°26'28"	76°32'49"
	New Aff.	Bharmour	Bharmour	Gharadu	Narad	5	350900	32°26'04"	76°31'19"
	Enrichment Planting New	Trehta	Holi	Sutkar	Burji	7	411950	32°19'00"	76°32'02"
	Enrichment Planting New	Trehta	Holi	Sutkar	Adour	7	411950	32°18'44"	76°33'06"
	Enrichment Planting New	Swai	Garola	Ullansa	Sadli	5	294250	32°26'17"	76°25'20"
	Enrichment Planting New	Swai	Garola	Swai	Sarnu	5	294250	32°24.31'7268"	76°26.36'0408"
	Enrichment Planting New	Swai	Chanhaouta	Karer	Kareri	8	470800	32°21'54"	76°2'52"
	Enrichment Planting New	Swai	Chanhaouta	Quarsi	Bangedi	7	411950	32°20'32"	76°27'15"
	Enrichment Planting New	Swai	Chanhaouta	Chanhaouta	Tolu	5	294250	32°21'31"	76°29'07"
	Pasture Dev. New	Trehta	Holi	Sutkar	Satkhuni Dhar	10	399000	-	-
	Pasture Dev. New	Trehta	Holi	Sutkar	Sara Dhar	10	399000	-	-
					Total	94	5492800		
Maintenance of Plantations									
	1st year Maint.	Trehta	Holi	Sutkar	Majharna	2	18810	-	-
	2nd year Maint.	-	-	-	-	75	478500	-	-
	3rd Year Maint.	-	-	-	-	118	571120	-	-
	4th Year Maint.	-	-	-	-	74	244200	-	-
	5th Year Maint.	-	-	-	-	36	118800	-	-
	1st Year Maint. Enrichment Planting					3	20790	-	-
	4th Year Maint. Enrichment Planting					27	65340	-	-
	Pasture Dev. New	Bharmour	Sandi	Sirdi	Khapru Dhar	3	16800	-	-
					Total	338	1534360		
Soil Moisture Works									
	Stone Masonary Check Dam/ Check walls	Trehta	Holi	Deol	Guwad	9	19700	-	-
	Gully Plugging	Trehta	Holi	Deol	Deol	62	78430	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
Gully Plugging	Trehta	Holi	Deol	Guwad	62	78430	-	-	
Gully Plugging	Trehta	Holi	Deol	Bantoo	60	75900	-	-	
Gully Plugging	Trehta	Holi	Deol	Kuleth	60	78430	-	-	
Gully Plugging	Trehta	Holi	Deol	Kuleth Ghar	60	75900	-	-	
Gully Plugging	Trehta	Holi	Sutkar	Kee Nalla	60	75900	-	-	
Gully Plugging	Trehta	Holi	Sutkar	Daraman	58	73370	-	-	
Gully Plugging	Trehta	Holi	Sutkar	Udani	60	75900	-	-	
Gully Plugging	Trehta	Holi	Sutkar	Udani Nalla	58	73370	-	-	
Gully Plugging	Trehta	Holi	Sutkar	Kuther	58	73370	-	-	
Gully Plugging	Trehta	Holi	Sutkar	Kuther Nalli	60	75900	-	-	
Gully Plugging	Trehta	Holi	Sutkar	Oans	60	75900	-	-	
Gully Plugging	Trehta	Holi	Tiyari	Kalah Khol Nalla	61	77165	-	-	
Gully Plugging	Trehta	Holi	Tiyari	Kalah	61	77165	-	-	
Gully Plugging	Trehta	Holi	Tiyari	Kujay-II	62	75900	-	-	
Gully Plugging	Trehta	holi	Tiyari	Tiyari	62	75900	-	-	
Gully Plugging	Trehta	Holi	Tiyari	Oie	61	77165	-	-	
Gully Plugging	Trehta	Barabanchoo	Nayagran	Chuned	60	75900	-	-	
Gully Plugging	Trehta	Barabanchoo	Nayagran	Ghadoh	60	75900	-	-	
Gully Plugging	Trehta	Barabanchoo	Bajol	Hohar	60	75900	-	-	
Gully Plugging	Trehta	Lamu	Chanhail	Maina	60	75900	-	-	
Gully Plugging	Trehta	Lamu	Chanhail	Maina	58	73370	-	-	
Gully Plugging	Trehta	Lamu	Chanhail	Thapnali	62	78430	-	-	
Gully Plugging	Trehta	Lamu	Chanhail	Thapnali Khabar	58	73370	-	-	
Gully Plugging	Trehta	Lamu	Chanhail	Gharanu	60	75900	-	-	
Gully Plugging	Trehta	Lamu	Banog	Bhatada Nalli	60	75900	-	-	
Gully Plugging	Trehta	Lamu	Banog	Banni Nalli	58	73370	-	-	
Gully Plugging	Trehta	Lamu	Lamu	Rakshanu	60	75900	-	-	
Gully Plugging	Trehta	Lamu	Lamu	Toat Nalli	62	78430	-	-	



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
Gully Plugging	Trehta	Lamu	Lamu	Lamu	Hiland Nalli	62	78430	-	-
Gully Plugging	Trehta	Lamu	Lamu	Lamu	Kumarti	58	73370	-	-
Gully Plugging	Bharmour	Sandi	Sandi	Sirdi	Khiyogdi Ghar	78	98670	-	-
Gully Plugging	Bharmour	Sandi	Sandi	Sirdi	Rajta Ghar	77	97405	-	-
Gully Plugging	Bharmour	Sandi	Sandi	Sirdi	Kustan Ghar	75	94875	-	-
Gully Plugging	Bharmour	Sandi	Sandi	Sirdi	Khani Ghar	79	99935	-	-
Gully Plugging	Bharmour	Sandi	Sandi	Chobia	Dibba Ghar	78	98670	-	-
Gully Plugging	Bharmour	Sandi	Sandi	Kailang	Budal Ghar	76	96140	-	-
Gully Plugging	Bharmour	Sandi	Sandi	Kailang	Bugal Nalla	77	97405	-	-
Gully Plugging	Bharmour	Sandi	Sandi	Kailang	Jantra Ghar	78	98670	-	-
Gully Plugging	Bharmour	Sandi	Sandi	Hadsar	Balmuhi ghar	79	99935	-	-
Gully Plugging	Bharmour	Sandi	Sandi	Hadsar	Sandi Nalla	78	98670	-	-
Gully Plugging	Bharmour	Sandi	Sandi	Pranghalla	Dali Ghar	77	97405	-	-
Gully Plugging	Bharmour	Sandi	Sandi	Pranghalla	Belia ghar	77	97405	-	-
Gully Plugging	Bharmour	Sandi	Sandi	Pranghalla	Gloth Nalla	78	98670	-	-
Gully Plugging	Bharmour	Sandi	Sandi	Khund	Jumri Ghar	79	99935	-	-
Gully Plugging	Bharmour	Bharmour	Bharmour	Gharadu	Bardi Nalla	77	97405	-	-
Gully Plugging	Bharmour	Bharmour	Bharmour	Gharadu	Chaled Nalli	78	98670	-	-
Gully Plugging	Bharmour	Bharmour	Bharmour	Gharadu	Magzine Nalla	77	97405	-	-
Gully Plugging	Bharmour	Bharmour	Bharmour	Gharadu	Khulate Nalla	79	99935	-	-
Gully Plugging	Bharmour	Bharmour	Bharmour	Arki	Khupad Nalla	79	99935	-	-
Gully Plugging	Bharmour	Bharmour	Bharmour	Arki	Baat Nalli	78	98670	-	-
Gully Plugging	Bharmour	Bharmour	Bharmour	Sinur	Baat Nalli	78	98670	-	-
Gully Plugging	Bharmour	Bharmour	Bharmour	Sinur	Gurade Nalla	79	99935	-	-
Gully Plugging	Bharmour	Bharmour	Bharmour	Lahal	Changuie Nalla	79	99935	-	-
Gully Plugging	Bharmour	Bharmour	Bharmour	Lahal	Banani Ghar	78	98670	-	-
Gully Plugging	Bharmour	Bharmour	Bharmour	Lahal	Chanchni Nalla	79	99935	-	-
Gully Plugging	Bharmour	Bharmour	Bharmour	Bharmour	Bharmani Nalla	76	96140	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Gully Plugging	Bharmour	Bharmour	Bharmour	Kelu Ghar	79	99935	-	-
	Gully Plugging	Bharmour	Bharmour	Bharmour	Simra ghar	76	96140	-	-
	Gully Plugging	Bharmour	Bharmour	Bharmour	Bad Ghar	76	96140	-	-
	Protection Works for Land Slides & Slips	Trehta	Holi	Deol	Deol	39	81325	-	-
		Trehta	Holi	Deol	Kuleth Nalli	38	78394	-	-
		Swai	Garola	Garola	Garola Nallahj	46	94898	-	-
		Swai	Garola	Garola	Pippari Ghar	45	92835	-	-
	Vegetation of Check Dams	Trehta	Holi	Deol	Deol	18	36600	-	-
	Providing Wire Crate	Trehta	Holi	Deol	Bantooth Nalla	11	39500	-	-
	Stream Bank Protection	Trehta	Holi	Deol	Guwad	1	3450	-	-
	Bio Engineering Measures (Raising & Planting)	Trehta	Holi	Deol	Holi	3	450000	-	-
		Trehta	Holi	Tiyari	Barala	4	600000	-	-
		Trehta	Barabanchoo	Nayagran	Nayagran	4	600000	-	-
					Total	4335	7302177		
Research, Training & Capacity Building									
	General Awareness	-	-	-	-	0	200000	-	-
Infrastructure & Forest Protection									
Wildlife Activate									
	C/o of Water Pond	Trehta	Holi	Deol	Sara Dhar	1	100000	-	-
	C/o of Water Pond	Trehta	Holi	Deol	Guwalla	1	150000	-	-
	C/o of Water Pond	Trehta	Holi	Sutkar	Sutkar RF	1	100000	-	-
	C/o of Water Pond	Trehta	Barabanchoo	Bajol	Dhardi	1	150000	-	-
					Total	4	500000		
Other Works									
					Total		14829337		
Name of CAT Plans - Holi Bajoli									
Plantations									
	New Aff.	Trehta	Holi	Deol	Pad	10	701800	32°28'20"	76°28'17"



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	New Aff.	Trehta	Barabanchoo	Nayagraj	Nayagraj	2	140360	32°17'00"	76°38'42"
	New Aff.	Bharmour	Sandi	Kailang	Dugli	5	350900	32°28'50"	76°41'24"
	New Aff.	Bharmour	Sandi	Hadsar	Hag Dhar	5	350900	32°25'42"	76°35'55"
	New Aff.	Bharmour	Sandi	Pranghalla	Duglu	5	350900	32°26'37.1"	76°34'63.5"
	New Aff.	Bharmour	Sandi	Khund	Jumri	5	350900	32°26'10.0"	76°53'49.8"
	New Aff.	Bharmour	Bharmour	Arki	Batbehi	5	350900	32°26'38"	76°28'45"
	New Aff.	Bharmour	Bharmour	Sinur	Agasan	5	350900	32°25'06"	76°30'51"
	New Aff.	Bharmour	Bharmour	Sinur	Fugla	3	210540	32°25'12"	76°29'46"
					Total	45	3158100		
Maintenance of Plantations									
	1st Year Maint . (Previous Year)			-	-	149	1401345	-	-
	2nd Year Maint . (Previous Year)			-	-	56	357280	-	-
	3rd Year Maint. (Previous Year)			-	-	53	256520	-	-
	4th Year Maint. (Previous Year)			-	-	89	293700	-	-
	5th Year Maint. (Previous Year)			-	-	50	165000	-	-
	1st Year Maint . (Previous Year)			-	-	25	173250	-	-
	2nd Year Maint . (Previous Year)			-	-	25	116875	-	-
	3rd Year Maint. (Previous Year)			-	-	62	218240	-	-
	4th Year Maint. (Previous Year)			-	-	10	24200	-	-
	5th Year Maint. (Previous Year)			-	-	20	48400	-	-
	1st Year Maint . (Previous Year)			-	-	12	69600	-	-
	Stone Masonry Check Dams/ Check Walls	Bharmour	Bharmour	Lahal	Labbi Nalla	48	99024	-	-
	Gully Plugging	Trehta	Barabanchoo	Nayagraj	Nawai ghar	38	78394	-	-
					Total	637	3301828		
Soil Moisture Works									
	Stone Masonry Check Dams/ Check Walls	Trehta	Barabanchoo	Nayagraj	Nayagraj	73	150599	-	-
		Trehta	Barabanchoo	Bajol	Dardi	76	156788	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
		Trehta	Barabanchoo	Bajol	Ghour	76	156788	-	-
		Trehta	Barabanchoo	Yada	Bhanora	76	156788	-	-
		Trehta	Barabanchoo	Yada	Mohan	77	158851	-	-
		Bharmour	Sandi	Sirdi	Bagdu Ghar	48	99024	-	-
		Bharmour	Sandi	Sirdi	Panjhari Ghar	48	99024	-	-
		Bharmour	Sandi	Sirdi	Harchu Ghar	48	99024	-	-
		Bharmour	Sandi	Sirdi	Gharani Ghar	48	99024	-	-
		Bharmour	Sandi	Sirdi	Mehter Ghar	48	99024	-	-
		Bharmour	Sandi	Sirdi	Naini Nalla	48	99024	-	-
		Bharmour	Sandi	Chobia	Daruni Ghar	48	99024	-	-
		Bharmour	Sandi	Chobia	Gudagar Ghar	48	99024	-	-
		Bharmour	Sandi	Chobia	Dhanore Ghar	48	99024	-	-
		Bharmours	Sandi	Kailang	Dibri Nalla	48	99024	-	-
		Bharmour	Sandi	Kailang	Kugti Ghar	48	99024	-	-
		Bharmour	Sandi	Kailang	Upper Kugti Ghar	48	99024	-	-
		Bharmour	Sandi	Hadsar	Bilgar Nalla	48	99024	-	-
		Bharmour	Sandi	Pranghalla	Khabar Nalla	48	99024	-	-
		Bharmour	Sandi	Pranghalla	Pranghalla Nalla	48	99024	-	-
		Bharmour	Sandi	Pranghalla	Mohan Nalla	48	99024	-	-
		Bharmour	Sandi	Pranghalla	Gloth Nalla	48	99024	-	-
		Bharmour	Sandi	Khund	Khund Nalla	48	99024	-	-
		Bharmour	Sandi	Khund	Shatlli Nalla	48	99024	-	-
		Bharmour	Bharmour	Bharmour	Khuni Ghar	48	99024	-	-
		Bharmour	Bharmour	Bharmour	Falsa ghar	48	99024	-	-
		Bharmour	Bharmour	Bharmour	Bharmani Nalla	48	99024	-	-
		Bharmour	Bharmour	Gharadu	Daghi Ghar	48	99024	-	-
		Bharmour	Bharmour	Gharadu	Chalotu Ghar	48	99024	-	-
		Bharmour	Bharmour	Gharadu	Darati Ghar	48	99024	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
		Bharmour	Bharmour	Gharadu	Bangetu Ghar	48	99024	-	-
		Bharmour	Bharmour	Arki	Khandoly Ghar	48	99024	-	-
		Bharmour	Bharmour	Arki	Khani Ghar	48	99024	-	-
		Bharmour	Bharmour	Arki	Halali Ghar	47	96961	-	-
		Bharmour	Bharmour	Sinur	Khaani Ghar	48	99024	-	-
		Bharmour	Bharmour	Sinur	Kehala Ghar	48	99024	-	-
		Bharmour	Bharmour	Sinur	Kehala Ghar	46	94898	-	-
		Bharmour	Bharmour	Lahal	Spedka Ghar	48	99024	-	-
		Bharmour	Bharmour	Lahal	Rakhon Ghar	48	99024	-	-
		Bharmour	Bharmour	Lahal	Gharat Nalla	48	99024	-	-
		Bharmour	Bharmour	Lahal	Labbi Nalla	48	99024	-	-
	Gully Plugging	Trehta	Barabanchoo	Nayagran	Agrali	38	78394	-	-
	Gully Plugging	Trehta	Barabanchoo	Nayagran	Nayagran	38	78394	-	-
	Gully Plugging	Trehta	Barabanchoo	Nayagran	Agrali Nawai	40	82520	-	-
	Gully Plugging	Trehta	Barabanchoo	Bajol	Gowar	39	80457	-	-
	Gully Plugging	Trehta	Barabanchoo	Bajol	Khabar	39	80457	-	-
	Gully Plugging	Trehta	Barabanchoo	Bajol	Garaunda Nalli	38	78394	-	-
	Gully Plugging	Trehta	Barabanchoo	Bajol	Dhardi Nalli	39	80457	-	-
	Gully Plugging	Trehta	Barabanchoo	Yada	Kudma	38	78394	-	-
	Gully Plugging	Trehta	Barabanchoo	Yada	Pandban	38	78394	-	-
	Gully Plugging	Trehta	Barabanchoo	Yada	Pandban Nalli	39	80457	-	-
	Gully Plugging	Trehta	Barabanchoo	Yada	Bat Behi	39	80457	-	-
	Gully Plugging	Trehta	Barabanchoo	Surehi	Khol Ghar	39	80457	-	-
	Gully Plugging	Trehta	Barabanchoo	Surehi	Chualan	38	78394	-	-
	Gully Plugging	Trehta	Barabanchoo	Surehi	Jaralu	39	80457	-	-
	Gully Plugging	Trehta	Barabanchoo	Surehi	Khud & Sundrali Nalli	40	82520	-	-
	Gully Plugging	Trehta	Barabanchoo	Surehi	Deyoti	39	80457	-	-
	Gully Plugging	Trehta	Barabanchoo	Nayagran	Nawai ghar	38	78394	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
Protection Works for Land Slides & Slips	Trehta	Barabanchoo	Nayagran	Agrali -I	40	82520	-	-	
	Trehta	Barabanchoo	Nayagran	Agralli-II	38	78394	-	-	
	Trehta	Barabanchoo	Nayagran	Nayagran	38	78394	-	-	
	Trehta	Barabanchoo	Nayagran	Chunad-I	38	78394	-	-	
	Trehta	Barabanchoo	Nayagran	Chunad-II	38	78394	-	-	
	Trehta	Barabanchoo	Nayagran	Nayagram Nalli	37	76331	-	-	
	Trehta	Barabanchoo	Nayagran	Ghadoh Ghar	38	78394	-	-	
	Trehta	Barabanchoo	Bajol	Kalang Madi	40	82520	-	-	
	Trehta	Barabanchoo	Bajol	Kalang Nalli	38	78394	-	-	
	Trehta	Barabanchoo	Bajol	Gowar	38	78394	-	-	
	Trehta	Barabanchoo	Bajol	Garounda-I	38	78394	-	-	
	Trehta	Barabanchoo	Bajol	Garaunda Fair Nalli	38	78394	-	-	
	Trehta	Barabanchoo	Bajol	Sandi-I	37	76331	-	-	
	Trehta	Barabanchoo	Bajol	Kharudu -II	37	76331	-	-	
	Trehta	Barabanchoo	Yada	Chani-II	38	78394	-	-	
	Trehta	Barabanchoo	Yada	Kudma-I	38	78394	-	-	
	Trehta	Barabanchoo	Yada	Kudma Nalli-I	39	80457	-	-	
	Trehta	Barabanchoo	Yada	Kudma Nalli-II	37	76331	-	-	
	Trehta	Barabanchoo	Surehi	Urna	39	80457	-	-	
	Trehta	Barabanchoo	Surehi	Urna Phat	39	80457	-	-	
	Trehta	Barabanchoo	Surehi	Urna Khod Nalli	38	78394	-	-	
	Trehta	Barabanchoo	Surehi	Surehi	38	78394	-	-	
	Trehta	Barabanchoo	Surehi	Surehi Galan	38	78394	-	-	
	Trehta	Barabanchoo	Surehi	Surehi Dhin Nalla	38	78394	-	-	
	Trehta	Holi	Deol	Phat	38	78394	-	-	
	Trehta	Holi	Deol	Surehi Nalli	38	78394	-	-	
	Trehta	Holi	Deol	Deol	37	76331	-	-	
	Trehta	Holi	Deol	Jabal	37	76331	-	-	



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
		Trehta	Holi	Deol	Khart Nalla	37	76331	-	-
		Trehta	Holi	Deol	Kharat Ghar	38	78394	-	-
		Trehta	Holi	Deol	Kuleth Ghar	38	78394	-	-
	Providing Wire Crate	Trehta	Barabanchoo	Nayagran	Baggi	52	173056	-	-
	Providing Wire Crate	Trehta	Barabanchoo	Bajol	Tilla	52	173056	-	-
	Providing Wire Crate	Trehta	Barabanchoo	Bajol	Garounda	55	183040	-	-
	Raising of Bio Eng. Plants	Trehta	Lamu	Lamu	Lamu Nursery	0	700000	-	-
	Planting Bio Engg. Plants	Trehta	Holi	Deol	Jabal	3	450000	-	-
	Planting Bio Engg. Plants	Trehta	Holi	Deol	Deol	3	450000	-	-
					Total	4104	10255309		
Research, Training & Capacity Building									
Infrastructure & Forest Protection									
	Forest Protection Through User Groups/ Village Groups					0	500000	-	-
Wildlife Activate									
	Anti poaching Activities	0	0	0	0	0	3500	-	-
Other Works									
	Repair & Maint. of vehicle & Machinery					0	200000	-	-
	Engagement of DEO/ Computer Operator & MPW in Bharmour Forest Division					0	1100000	-	-
	Misc. Office Furniture etc.					0	200000	-	-
	C/o Eco-Park at Gharadu	Bharmour	Bharmour	Gharadu	C/o Eco-Park at Gharadu	0	500000	-	-
					Total		31544574		
Name of CAT Plans - Budhil									
Plantations									
Maintenance of Plantations									
	5th Year Maint.	-	-	-	-	26	85800	-	-
	4th Year Maint.	-	-	-	-	15	36300	-	-
	5th Year Maint.	-	-	-	-	10	24200	-	-
					Total	51	146300		



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
Total							31690874		
Name of CAT Plans - Chamera-III									
Plantations									
Maintenance of Plantations									
	5th year Maint.	-	-	-	-	65.5	216150	-	-
Total						65.5	216150		
Other Works									
	Agriculture & Horticulture Support					0	100000	-	-
	Animal Husbandry Support					0	100000	-	-
Total							31907024		
Total Bharmour							31907024		
Name of Circle - Shimla									
Name of Division - Rohru									
Name of CAT Plans - Sawara-Kuddu									
Plantations									
Maintenance of Plantations									
	Maintenance of plantation	Tikkar	Tikkar	Naksetli	C.no 20(A)	7.5	75075	-	-
	Maintenance of plantation	Tikkar	Tikkar	Naksetli	C.no 9	7.5	50655	-	-
Total						15	125730		
Total							125730		
Name of CAT Plans - Paudi-Tal Lassa									
Plantations									
Maintenance of Plantations									
	Maintenance of plantation	Rohru	Rohru	Machoti	Khilargi	10	34980	-	-
	Maintenance of plantation	Rohru	Rohru	Dalgoan	Balta	9	31482	-	-
	Maintt	Rohru	Summerkot	Summerkot	Bhamnoli	10	34980	-	-
	Maintenance of plantation	Khashdhar	Todsa	Todsa	Ranol	10	34980	-	-
	Maintenance of plantation	Rohru	Rohru	Buthara	Khanola	5	17490	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Maintenance of plantation	Rohru	Goas	Bagi	Bagi	5	17490	-	-
					Total	49	171402		
					Total		297132		
					Total Rohru		297132		
Name of Circle -GHNP Shamshi									
Name of Division - GHNP Shamshi									
Name of CAT Plans - Parvati-III									
Plantations									
Maintenance of Plantations									
	2nd year Maint. of ANR Plantation	Jiwanal	Kunder	Bhupan	Murda Thach	4	4800	-	-
		Jiwanal	Kunder	Bhupan	Socha	3	3600	-	-
		Jiwanal	Kunder	Bhupan	Khainieri	2	2400	-	-
		Jiwanal	Deun	Majhan	Otidhar	4	4800	-	-
		Jiwanal	Deun	Majhan	Majhan Gad	3	3600	-	-
	3rd year Maint. of ANR Plantation	Jiwanal	Raila	Neuli	Paleni	4	2800	-	-
		Jiwanal	Raila	Shainsher	Baghi	3	2100	-	-
		Jiwanal	Deun	Majhan	Gahidhar	4	2800	-	-
		Jiwanal	Deun	Majhan	Gnbhar	3	2100	-	-
		Jiwanal	Deun	Majhan	Thachan	2	1400	-	-
		Jiwanal	Kunder	Bhupan	Tiwa	4	2800	-	-
		Jiwanal	Kunder	Bhupan	Murda	4	2800	-	-
		Jiwanal	Kunder	Bhupan	Khaneri	3	2100	-	-
		Jiwanal	Kunder	Bhupan	Bela Nala	3	2100	-	-
	4th year Maint. of ANR Plantation	Jiwanal	Raila	Neuli	Thali Age	3	2100	-	-
		Jiwanal	Raila	Shainsher	Dhara	2	1400	-	-
		Jiwanal	Raila	Neuli	Barmot	3	2100	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
		Jiwanal	Raila	Saran	Koichet	2	1400	-	-
		Sainj	Shanghar	Suchain	Ratna	15	10500	-	-
		Sainj	Shanghar	Shanghar	Jagnahu	15	10500	-	-
		Jiwanal	Deun	Bah	Niharni	3	2100	-	-
		Jiwanal	Deun	Bah	Sauniseri	2	1400	-	-
	5th year Maint. of ANR Plantation	Jiwanal	Raila	Neuli	Jognidhar	5	3500	-	-
		Jiwanal	Raila	Neuli	Murda	5	3500	-	-
		Sainj	Shanghar	Shanghar	Jagnahu	5	3500	-	-
		Sainj	Shanghar	Shanghar	Madrachi	5	3500	-	-
		Sainj	Shanghar	Shanghar	Kolibana	5	3500	-	-
	3rd year Maint. of Energy Plantation	Jiwanal	Raila	Shainsher	Riyara	5	12000	-	-
		Sainj	Shanghar	Shanghar	Shanghar	5	12000	-	-
	4th year Maint. of Energy Plantation	Jiwanal	Kunder	Bhupan	Bhupan Nala	2	4800	-	-
		Jiwanal	Kunder	Pashi	Kunder	3	7200	-	-
		Sainj	Shanghar	Barshanghar	Barshanghar	3	7200	-	-
	5th year Maint. of Energy Plantation	Jiwanal	Raila	Neuli	Kunder	5	12000	-	-
		Jiwanal	Raila	Raila	Majhan	5	12000	-	-
Total						144	156400		
Soil Moisture Works									
Research, Training & Capacity Building									
Infrastructure & Forest Protection									
Wildlife Activate									
	Eco development works	Jiwanal/Sainj	Shanghar, Marror, Kunder, Deun, Raila			0	1000000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	support to WSCGs etc	Sainj/Tirthan/Jiwanal	Shanghar, Marror, Kunder, Deun, Raila, Gushaini, Bathad,			0	200000	-	-
	abundance survey of diversity and imp. species	Jiwanal	Raila, Kunder, Deun			0	50000	-	-
	Habitat management	Jiwanal/Sainj	Shanghar, Marror, Kunder, Deun, Raila			0	200000	-	-
	Repair of Path/Bridges	Jiwanal/Sainj	Shanghar, Marror, Kunder, Deun, Raila			0	500000	-	-
	Posters/pamphlets/post card etc	Jiwanal/Sainj	Shanghar, Marror, Kunder, Deun, Raila			0	200000	-	-
	Contingencies	Jiwanal/Sainj	Shanghar, Marror, Kunder, Deun, Raila			0	100000	-	-
Other Works									
	Raising of grass/fodder, fruit plants, soil moisture conservation	Jiwanal/Sainj	Shanghar, Marror/Deun, Railla, Kunder			0	200000	-	-
	Wach and Ward	Jiwanal/Sainj	Shanghar, Marror/Deun, Railla, Kunder			0	800000	-	-
	Printing of publicity material, awareness camps	Jiwanal/Sainj	Shanghar, Marror/Deun, Railla, Kunder			0	200000	-	-
	capacity building programme for field staff and member of local community	Jiwanal/Sainj	Shanghar, Marror/Deun, Railla, Kunder			0	600000	-	-
	Contingencies	Sainj/Jiwanal/Tirthan	-			0	200000	-	-
Nursery Infrastructure									
	Dev . of various nurseries	Jiwanal/Sainj	Shanghar, Marror, Kunder, Deun, Raila	Shainsher, Raila, Shanghar, Majhan, Kunder		0	500000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
Total							156400		
Name of CAT Plans - Sainj									
Plantations									
Maintenance of Plantations									
	Maint of Plantation	Jiwanal	Deun	Majhan	Socha Thach	5	6000	-	-
	Maint. of Plantation	Jiwanal	Deun	Bah	Niharni	5	3500	-	-
	Maint of ANR plantation	Jiwanal	Deun	Bah	Majhan Presi	5	3500	-	-
	Maint of ANR plantation	Jiwanal	Deun	Majhan	Bajijagni Thach	5	8500	-	-
	Maint of ANR Plantation	Jiwanal	Deun	Majhan	Bajijagni Thach (Mauara)	5	8500	-	-
	Maint of ANR Plantation	Jiwanal	Deun	Bah	Ean Thach & Jammu Thach	10	7000	-	-
	Maint of ANR Plantation	Jiwanal	Deun	Bah	Niharni	5	3500	-	-
	Maint of ANR Plantation	Jiwanal	Deun	Majhan	Dhara	3	2100	-	-
	Maint of ANR Plantation	Jiwanal	Deun	Majhan	Khada Nala	2	1400	-	-
	Maint of 2nd Energy Plantation	Sainj	Marror	Shakti	Marror	5	17500	-	-
	Maint of 4th year Energy Plantation	Sainj	Marror	Shakti	shakti	5	17500	-	-
	Maint of 4th year Energy Plantation	Sainj	Marror	Shakti	Sugad	5	17500	-	-
	Maint of ANR plantation	Jiwanal	Deun	Majhan	Bajijagni Thach (Mauara)	5	8500	-	-
Total						65	105000		
Soil Moisture Works									
	Contour trenching	Sainj	Marror	Humkhani	Bheard Nala	500	14500	31°45'52.66"N	77°29'35.61"E
	Sod checks	Sainj	Marror	Humkhani	Bheard Nala	0.5	35650	-	-
	Tree & Shrub checks	Sainj	Marror	Humkhani	Bheard Nala	0.5	35650	-	-
	Brush wood c/Dam	Sainj	Marror	Humkhani	Bheard Nala	10	46700	-	-
	Small size DRSM C/Dam	Sainj	Marror	Humkhani	Bheard Nala	5	129500	-	-
	M Size DRSM C/dam	Sainj	Marror	Humkhani	Bheard Nala	3	116700	-	-
	L Size DRSM C/dam	Sainj	Marror	Humkhani	Bheard Nala	2	103800	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Small size Crate wire C/dam	Sainj	Marror	Humkhani	Bheard Nala	2	103800	-	-
	L Size Crate wire C/dam	Sainj	Marror	Humkhani	Bheard Nala	1	64800	-	-
	Diversion drain	Sainj	Marror	Humkhani	Bheard Nala	50	25900	-	-
	Dry stone r/wall	Sainj	Marror	Humkhani	Bheard Nala	14	362600	-	-
	Sod Checks	Sainj	Marror	Humkhani	Bheard nala	0.5	35650	-	-
	Shrub checks	Sainj	Marror	Humkhani	Bheard Nala	1	71300	-	-
	Trees and shrub checks	Sainj	Marror	Humkhani	Bheard Nala	0.5	35650	-	-
	Grass sod plantation	Sainj	Marror	Humkhani	Bheard Nala	0.5	35650	-	-
	Shrub Plantation	Sainj	Marror	Humkhani	Bheard Nala	1	71300	-	-
	Tree and shrub checks	Sainj	Marror	Humkhani	Bheard nala	0.5	35650	-	-
	Crate wire revetment	Sainj	Marror	Humkhani	Bheard Nala	1	64800	-	-
	crate wire dry boulder spurs	Sainj	Marror	Humkhani	Bheard nala	1	64800	-	-
	raising of bio-engineering plants	-	-	-	-	-	777000	-	-
	Shrub Checks	Sainj	Marror	Humkhani	Bheard Nala	1	71300	-	-
Total						595	2302700		
Research, Training & Capacity Building									
Infrastructure & Forest Protection									
Wildlife Activate									
	Abundance survey	Sainj	-	-	-	0	200000	-	-
	repair of path/bridge	Sainj	-	-	-	0	300000	-	-
	Repair of patrolling huts/shelters	Sainj	-	-	-	0	200000	-	-
	Bridge and dhipies	Sainj	-	-	-	0	200000	-	-
	Awareness programme	sainj	-	-	-	0	100000	-	-
	Posters/pamphlets etc	Sainj	-	-	-	0	200000	-	-
Other Works									
	Silt observatory	Sainj	-	-	-	0	2000000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Eco task force	Sainj	-	-	-	0	650000	-	-
Nursery Infrastructure									
	Dev/Maint. of Nurseries	Sainj	Shanghar/Marror	Suchain,Shakti, Shanghar	Suchain,Shakti, Shanghar	0	200000	-	-
	Watch and Ward	Sainj/Jiwana l/Tirthan	-	-	-	0	100000	-	-
Total							3064100		
Total GHNP Shamshi							3364100		
Name of Division - WL Kullu									
Name of CAT Plans - Sunni Dam									
Plantations									
Maintenance of Plantations									
Soil Moisture Works									
Research, Training & Capacity Building									
	Planning	Karsog	Shikari Devi	Bharmeri	Shikari Devi	0	14500	31 27 3	31 16 0 N
	Training	Karsog	Shikari Devi	Bharmeri	Shikari Devi	0	5800	31 27 3	31 16 0 N
	Research and Monitoring	Karsog	Shikari Devi	Bharmeri	Shikari Devi	0	5800	31 27 3	31 16 0 N
Infrastructure & Forest Protection									
	Maintenance of departmental building	Karsog	Shikari Devi	Bharmeri	Snarli	1	150000	31 27 3 31 16 0N	77 5 36 77 13 41 E
	Purchase of Fire Fighting Equipments	Karsog	Shikari Devi	Bharmeri	Shikari Devi	0	35000	31 27 3	31 16 0 N
	Cultural Operations	Karsog	Shikari Devi	Bharmeri	Tangrala PF	0	40000	31 27 3	31 16 0 N
	Modern Tools and equipments	Karsog	Shikari Devi	Bharmeri	Shikari Devi	0	614500	31 27 3	31 16 0 N
	Implementation	Karsog	Shikari Devi	Bharmeri	Shikari Devi	0	54375	31 27 3	31 16 0 N
Total						1	893875		
Wildlife Activate									



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Help resolve man-animal conflict with emphasis on socila land environmental justice especially for farmers.	Karsog	Shikari Devi	Bharmeri	Shikari Devi	0	2900	31 27 3	31 16 0 N
Other Works									
	Contingency	Karsog	Shikari Devi	Bharmeri	Shikari Devi	0	290	31 27 3	31 16 0 N
	Transportation support to forest staff	Karsog	Shikari Devi	Bharmeri	Shikari Devi	0	1000000	31 27 3	31 16 0 N
	Colputer with printer and Fax	Karsog	Shikari Devi	Bharmeri	Shikari Devi	0	25000	31 27 3	31 16 0 N
	Maintenance of machinery and equipments	Karsog	Shikari Devi	Bharmeri	Shikari Devi	0	25000	31 27 3	31 16 0 N
	Aminities to Staff	Karsog	Shikari Devi	Bharmeri	Shikari Devi	0	37500	31 27 3	31 16 0 N
	Payment of Environmental Service	Karsog	Shikari Devi	Bharmeri	Shikari Devi	0	58000	31 27 3	31 16 0 N
	Eco-Tourism	Karsog	Shikari Devi	Bharmeri	Shikari Devi	0	50000	31 27 3	31 16 0 N
	Monitoring and Evaluation	Karsog	Shikari Devi	Bharmeri	Shikari Devi	0	14500	31 27 3	31 16 0 N
	Contingencies	Karsog	Shikari Devi	Bharmeri	Shikari Devi	0	87000	31 27 3	31 16 0 N
Nursery Infrastructure									
					Total		893875		
					Total WL Kullu		893875		
Name of Circle -Wildlife (N) Dharamshala									
Name of Division - WL Chamba									
Name of CAT Plans - Chamera-III									
Plantations									
Maintenance of Plantations									
	maintenec of plantation	bharmour	kugti	banni	chadallo dpf	5	3700	N 320-35-40.	E 0760-30-55.4



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	maintenance of plantaion	bhamour	kugti	bhadra	thlabari dhar	5	3700	N 320-34-47.4	E 0760-33-11.6
	maintenance of plantaion	bharmour	tundah	tundah	thandei dhar	5	3700	N 320-31-470	E 0760-28-843
					Total	15	11100		
Soil Moisture Works									
Research, Training & Capacity Building									
Infrastructure & Forest Protection									
	Development of antipoacher & antigrazers	bharmour	kugti	all beats	tundah and kugti block	300	112500	-	-
	fire watcher	bharmour	kugti	all beats	tundah and kugti blokc	200	75000	-	-
	Hiring of vehicle for patrolling and nakas etc	bhamour	kugti	all beats	tundah and kugti	1	50000	-	-
	Antipoaching Camps AND Ration to Patrolling frontline staff upto R.O. level	bharmour	kugti	all beats	tundah and kugti	1	100000	-	-
	Maintenance of FRH Tripna (Electrification, Plastring and Painting etc)	bharmour	tundah	badgran	frh tripna	1	250000	-	-
					Total	503	587500		
Wildlife Activate									
	Improvement of treks in BharmourRange and also publicity	bharmour	kugti	all beats	tundah and kugti	1	300000	-	-
	Engaging people for monitoring and Driving away of problematic wild animals	bharmour	kugti	all beats	tundah and kugti	1	200000	-	-
					Total	2	500000		
Other Works									



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Training , nature Awareness Programme for students and local peoples	bharmour	kugti	all beats	tundah and kugti block	1	300000	-	-
	Camping and trekking equipments to facilitates field touring	bhamour	kugti	all beats	tundah and kugti	1	200000	-	-
	C/o Water Ponds, WHS for drinking water facility to Cattle/ships and also to wildlife	bharmour	kugti	all beats	tundhanand kugti	1	420000	-	-
	Awareness CAMPS	bhamour	kugti	all beats	tundah and kugti	1	200000	-	-
	Distribution of agriculture/horticulture fodder seedling/seed	bharmour	kugti	all beats	tundah and kugti	1	300000	-	-
	Awareness CAMPS for agriculture activities	bharmour	kugti	all beats	tundah and kugti	1	200000	-	-
					Total	6	1620000		
Nursery Infrastructure									
					Total		2718600		
Name of CAT Plans - Budhil									
Plantations									
	natural plantain woden fence post	bharmour	kugti	upper kugti	bhiyanu	10	240000	N 320-27-300	E 0760-43-340
		Bhamour	kugti	lower kugti	deosa DPF	10	240000	N 320-28-360	E 0760-40-520
		bhamour	tundah	tundah	tandei	5	120000	N 320-30-360	E 0760-27-290
		bhamour	tundah	banni	sarthotha dpf	5	120000	N 320-32-240	E 0760-26-490
					Total	30	720000		
Maintenance of Plantations									
	maintenance of plantation	bhamour	kugti	upper kugti	chalathu	5	12000	N 320-27-826	E 0760-37-182



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
					Total	5	12000		
					Total		3450600		
					Total WL Chamba		3450600		
Name of Circle -Kullu									
Name of Division - Parvati									
Name of CAT Plans - Parvati-II									
Plantations									
Maintenance of Plantations									
	Maintenance	Kasol	Tosh	Ucch	Ucch Pichhe	1.5	10275	-	-
	Maintenance	Kasol	Pulga	Tulga	Bhandung	5	12000	-	-
	Maintenance	Kasol	Tosh	Tosh	Shadithach	5	12000	-	-
					Total	11.5	34275		
Soil Moisture Works									
	Soil Conservation Work	Kasol	Pulga	Tulga	Bada Nala	9	246600	-	-
	Soil Conservation Works	Kasol	Pulga	Tulga	Komti Nala	9	246600	-	-
	Soil Conservation Works	Kasol	Pulga	Tulga	Ghenchu Nala	8	219200	-	-
	Soil Conservation Works	Kasol	Pulga	Tulga	Tiri Chandri	9	246600	-	-
	Soil Conservation Works	Kasol	Pulga	Tulga	Saraji Nala	9	246600	-	-
	Soil Conservation Works	Kasol	Pulga	Tulga	Garsti Nala	9	246600	-	-
	Soil Conservation Works	Kasol	Pulga	Tulga	Mandru Nal	9	246600	-	-
	Soil Conservation Works	Kasol	Pulga	Tulga	Liptu Nala	9	246600	-	-
	Soil Conservation Works	Kasol	Pulga	Tulga	Kapu Nal	9	246600	-	-
	Soil Conservation Works	Kasol	Pulga	Tulga	Gahi	9	246600	-	-
	Soil Conservation Works	Kasol	Pulga	Tulga	Tiri Chandri	9	246600	-	-
	Soil Conservation Works	Kasol	Pulga	Tulga	Tugrund	9	246600	-	-
	Soil Conservation Works	Kasol	Pulga	Tulga	Shangti Nal	9	246600	-	-
	Soil Conservation Works	Kasol	Pulga	Tulga	Nihara Nala	9	246600	-	-
	Soil Conservation Works	Kasol	Pulga	Tulga	Parang Nala	9	246600	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Soil Conservation works	Kasol	Pulga	Pulga	Bharti Nala	9	246600	-	-
	Soil Conservation work	Kasol	Tosh	Tosh	Grasang	9	246600	-	-
	Soil Conservation Works	Kasol	Tosh	Tosh	Kawadi Thach	9	246600	-	-
	Soil Conservation Works	Kasol	Tosh	Tosh	Oachi	9	246600	-	-
	Soil Conservation Works	Kasol	Tosh	Tosh	Mandru	9	246600	-	-
	Soil Conservation Works	Kasol	Tosh	Tosh	Kachdi Nal	9	246600	-	-
	Soil Conservation Works	Kasol	Tosh	Tosh	Forshu Nal	8	219200	-	-
	Soil Conservation Works	Kasol	Tosh	Ucch	Tahuk Nala	7	191800	-	-
	Soil Conservation Works	Kasol	Tosh	Tosh	Jirah	9	246600	-	-
	Soil Conservation works	Kasol	Tosh	Tosh	Maskar	9	246600	-	-
	Soil conservation works	Kasol	Tosh	Tosh	Yannu	9	246600	-	-
	soil Conservation works	Kasol	Tosh	Tosh	Chhorang	9	246600	-	-
	soil Conservation works	Kasol	Tosh	Tosh	Shila Nal	9	246600	-	-
	Soil Conservation work	Kasol	Pulga	Pulga	Nihara Nala	9	246600	-	-
	Soil Conservation Work	Kasol	Tosh	Tosh	Kachuber	9	246600	-	-
	Soil Conservation Work	Kasol	Pulga	Tulga	Kharu	37	481000	-	-
	Soil Conservation Work	Kasol	Pulga	Tulga	Dhupu	37	481000	-	-
	Soil Conservation Work	Kasol	Pulga	Tulga	Chhepi	37	481000	-	-
	Soil Conservation Work	Kasol	Pulga	Tulga	Piyachkari	37	481000	-	-
	Soil Conservation Work	Kasol	Pulga	Tulga	Jagrai Nala	37	481000	-	-
	Soil Conservation Work	Kasol	Tosh	Tosh	Niaru	35	455000	-	-
	Soil Conservation Work	Kasol	tosh	tosh	Satang	37	485000	-	-
	Soil Conservation Work	Kasol	Tosh	Tosh	Khaneri	37	485000	-	-
	Soil Conservation Work	Kasol	Pulga	Tulga	Bindravan	100	250000	-	-
	Soil Conservation Work	Kasol	Pulga	Tulga	Bhunbhuni	60	150000	-	-
	Soil Conservation Work	Kasol	Pulga	Tulga	Gati Age	60	150000	-	-
	Soil Conservation Work	Kasol	Pulga	Tulga	Jarai Nala	100	250000	-	-
	Soil Conservation Work	Kasol	Tosh	Tosh	Kutla	40	100000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Soil Conservation Work	Kasol	Tosh	Tosh	Chawa	40	100000	-	-
	Soil Conservation Work	Kasol	Tosh	Tosh	Jirah	100	250000	-	-
	Soil Conservation Work	Kasol	Tosh	Tosh	Budha Van	100	250000	-	-
	Soil Conservation Work	Kasol	Tosh	Tosh	Shadi	40	100000	-	-
	Soil Conservation Work	Kasol	Tosh	Tosh	Tharangal	40	100000	-	-
	Soil Conservation work	Kasol	Tosh	Tosh	Mandru Khol	40	100000	-	-
	soil Conservation work	Kasol	Pulga	Tulga	Bhalingcha	40	100000	-	-
	soil Conservation work	Kasol	Pulga	Tulga	Khobi	40	100000	-	-
	soil Conservation work	Kasol	Pulga	Tulga	Rakhalu	40	100000	-	-
	soil Conservation work	Kasol	Pulga	Tulga	Kungati	40	100000	-	-
	soil Conservation work	Kasol	Pulga	Tulga	Saraji	40	100000	-	-
	soil Conservation work	Kasol	Pulga	Tulga	Jarai Nala-2	20	250000	-	-
	soil Conservation work	Kasol	Pulga	Tulga	Chodri age	15	195000	-	-
	soil Conservation work	Kasol	Pulga	Tulga	Liptu Nala	17	221000	-	-
	soil Conservation work	Kasol	Pulga	Tulga	Piachkari Nala	15	195000	-	-
	soil Conservation work	Kasol	Pulga	Tulga	Bindravan	20	250000	-	-
	soil Conservation work	Kasol	Pulga	Tulga	Jigrai Nala	18	234000	-	-
	soil Conservation work	Kasol	Pulga	Tulga	Tiri Chandri	16	208000	-	-
	soil Conservation work	Kasol	Pulga	Tulga	Tabla	20	250000	-	-
	soil Conservation work	Kasol	Pulga	Tulga	Saraji Nala	19	247000	-	-
	soil conservation work	Kasol	Pulga	Tulga	Jagrai Nala	16	208000	-	-
	soil conservation work	Kasol	Pulga	Tulga	Jagrai Nala	18	234000	-	-
	soil conservation work	Kasol	Pulga	Tulga	Batti Nala	15	195000	-	-
	soil conservation work	Kasol	Pulga	Tulga	Chakshi Nala	20	250000	-	-
	soil conservation work	Kasol	Tosh	Tosh	Kabul	19	247000	-	-
	soil conservation work	Kasol	Tosh	Tosh	Kachumb Nai	17	221000	-	-
	soil conservation work	Kasol	Tosh	Tosh	Kashi	17	221000	-	-
	soil conservation work	Kasol	Tosh	Tosh	Budha Van	19	247000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
soil conservation work	Kasol	Tosh	Tosh	Kutla	19	247000	-	-	
soil conservation work	Kasol	Tosh	Tosh	Grasang	19	247000	-	-	
soil conservation work	Kasol	Tosh	Tosh	Jagrai Nala	19	247000	-	-	
soil conservation work	Kasol	Tosh	Tosh	Tahuk	19	247000	-	-	
soil conservation work	Kasol	Tosh	Tosh	Drangal	18	234000	-	-	
soil conservation work	Kasol	Tosh	Tosh	Chhepni	18	234000	-	-	
soil conservation work	Kasol	Tosh	Tosh	Chharing	19	247000	-	-	
soil conservation work	Kasol	Pulga	Tulga	2/6 Bhandag	142	250000	-	-	
soil conservation work	Kasol	Pulga	Tulga	Mandru Nala	135	236000	-	-	
soil conservation work	Kasol	Pulga	Tulga	Khirganga	136	238000	-	-	
soil conservation work	Kasol	Pulga	Tulga	Bhunbhuni	137	240000	-	-	
soil conservation work	Kasol	Pulga	Tulga	Jagrai Nala	142	250000	-	-	
soil conservation work	Kasol	Pulga	Tulga	Tebla	137	240000	-	-	
soil conservation work	Kasol	Pulga	Tulga	Chandri	142	250000	-	-	
soil conservation work	Kasol	Pulga	Tulga	R/1 Pulga	137	240000	-	-	
soil conservation work	Kasol	Tosh	Tosh	Khriyayi Nishashi	135	236000	-	-	
soil conservation work	Kasol	Tosh	Tosh	Chabha	142	250000	-	-	
soil conservation work	Kasol	Tosh	Tosh	Upper Chawa	135	236000	-	-	
soil conservation work	Kasol	Tosh	Tosh	Nichla Chawa	137	240000	-	-	
soil conservation work	Kasol	Tosh	Tosh	2/6 Bhandag	274	480000	-	-	
soil conservation work	Kasol	Tosh	Tosh	Khirganga	228	400000	-	-	
soil conservation work	Kasol	Tosh	Tosh	Chabha	228	400000	-	-	
soil conservation work	Kasol	Pulga	Tulga	Dhupu	6	49200	-	-	
soil conservation work	Kasol	Pulga	Tulga	Chhepi	6	49200	-	-	
soil conservation work	Kasol	tosh	Tosh	Khaneri	6	49200	-	-	
soil conservation work	Kasol	Pulga	Tulga	Piyachkari	6	49200	-	-	
soil conservation work	Kasol	Pulga	Tulga	Nihara Nala	6	49200	-	-	
soil conservation work	Kasol	Tosh	Tosh	Kachumb Nal	6	49200	-	-	



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location		
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.	
						Total	4335	23475600		
						Total		23509875		
Name of CAT Plans - Malana-II										
Plantations										
	Afforestation	Kasol	Kasol	Kasol	Fushko Nala		15	781500	-	-
	Afforestation	Kasol	Kasol	Malana	Kachani Nala		20	1042000	-	-
	Pasture Dev	Kasol	Kasol	Malana	Aegdog Thach, Nagar-III, UPF		60	1980000	-	-
						Total	95	3803500		
Maintenance of Plantations										
	Maintenance	Kasol	Kasol	Kasol	Katagla		15	102750	-	-
	Maintenance	Kasol	Kasol	Malana	Nagar-III UPF		17	59500	-	-
	Maintenance	Kasol	Kasol	Malana	Nagar-III UPF		20	70000	-	-
	Maintenance	Kasol	Kasol	Malana	Barnidhar-II		12	28800	-	-
	Maintenance	Kasol	Kasol	Malana	Nagruni		50	224500	-	-
	Maintenance	Kasol	Kasol	Malana	Aaina		15	11100	-	-
						Total	129	496650		
						Total		27810025		
Name of CAT Plans - Malana-I										
Plantations										
Maintenance of Plantations										
	Maintenance	Kasol	Kasol	Malana	Ushko		5	12000	-	-
						Total	5	12000		
						Total Parvati		27822025		
Name of Division - Kullu										
Name of CAT Plans - Allain Duhangan										
Plantations										
Maintenance of Plantations										



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	4th year maint.	Manali	Vashishat	Prini	2/17 Hamta C-IC	4	9600	-	-
	5th year maint	Manali	Vashishat	Prini	2/17 Hamta C-IC	10	24000	-	-
					Total	14	33600		
Soil Moisture Works									
	Soil conservation works	Manali	Vashishat	Aeo	2/16 Upper rahani	74	370000	-	-
	C/o Check wall	Manali	Vashishat	Aleo	2/16 Upper rahani	182	910000	-	-
	Construction of spur	Manali	Vashishat	Aleo	1/6 Aleo Bihal	7	875000	-	-
	Construction c/dam	Manali	Vashishat	Prini	J-III Allain Nalla	55	495000	-	-
	Construction of check	Naggar	Khakhnal	Jagatsukh	Duhagan Nalla	30	270000	-	-
					Total	348	2920000		
Other Works									
	hiring of vehicle	Manali	Manali	Manali	Manali	5	180000	-	-
					Total	5	180000		
Nursery Infrastructure									
					Total		3133600		
Name of CAT Plans - Baragaon									
Infrastructure & Forest Protection									
	Fuel saving device	Patlikuhul	Katrain	Pankot & Patlikuhul	Peeh, mangna, pankot, Shilla and Patlikuhul & Bari	20	400000	-	-
					Total	20	400000		
Wildlife Activate									
Other Works									
	Contingency charges	-	-	-	-	40	400000	-	-
					Total	40	400000		
Nursery Infrastructure									
					Total		3933600		
					Total Kullu		3933600		
Name of Circle -Rampur									



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
Name of Division - Rampur									
Name of CAT Plans - Luhari HEP Stage-I									
Plantations									
	grazing land development (low lying pasture)	Nankhari	Sholi	delath	Near Barkeli	5	156000	31°21'47.35"	77°33'10.14"
		Nankhari	Sholi	Delath	Near Barkeli	L/S	39000	31°21'47.35"	77°33'10.14"
		Nankhari	sholi	Chakti	Deori	10	264000	31°20'34.18"	77°36'04.11"
		Nankhari	Sholi	Chakti	Deori	L/S	66000	31°20'34.18"	77°36'04.11"
		Nankhari	Nankhari	Bai Bahli	Tangri	10	330000	31°17'45.62"	77°38'03.46"
		Bahli	Bahli	Bahli	Dhuni Nal	5	165000	31°21'51.60"	77°39'30.05"
		Bahli	Surad	Beaunthal	Gencha	5	165000	31°20'28.22"	77°40'12.61"
					Total	35	1185000		
Maintenance of Plantations									
Soil Moisture Works									
	Straggled trenches	Bahli	Surad	Beaunthal	Natal0	3000	165000	31° 20' 19.32"	77°39'42.09"
	Straggled trenches	Bahli	Surad	Beaunthal	Near Beaunthal	1500	82500	31°20'58.78"	77°38'06.63"
	Straggled trenches	Rampur	Nogli	Duttanagar	Bhadrash-I	12000	660000	31°23'06.48"	77°33'37.32"
	Straggled trenches	Rampur	Nogli	Duttanagar	Bhadrash-II	12000	660000	31°23'11.06"	77°34'00.36"
	Straggled trenches	ram	Nogli	Duttanagar	Duttanagar	12000	66000	31°23'14.31"	77°34'35.97"
	Wire crate check wall	Bahli	Bahli	Bahli	Bunju Nalla	14	281344	31°22'15.64"	77°36'23.23"
	wire crate check wall	Bahli	Bahli	Bahli	Bhunju Nalla	L/S	70336	31°22'15.64"	77°36'23.23"
	wire crate check wall	Bahli	Bahli	Bahli	Sharan Nalla	17	341632	31°18'46.79"	77°42'50.11"
	wire crate check wall	Bahli	Bahli	Bahli	Sharan Nalla	L/S	85408	31°18'46.79"	77°42'50.11"
	Wire crate check dam	Bahli	Surad	Beaunthal	Ghat Nalla	10	200960	31°20'38.80"	77°37'54.77"
	wire crate check dam	Bahli	Surad	Beaunthal	Ghat Nalla	L/S	50240	31°20'38.80"	77°37'54.77"
	wire crate check dam	Nankhari	Nankhari	Kungal Munder	Kungal Nalla	L/S	228000	31°16'26.95"	77°37'02.66"
	Wire crate retaining wall	Bahli	Surad	Surad	Ghared Nalla	L/S	243840	31°20'31.75"	77°40'25.86"
	Wire crate retaining wall	Bahli	Surad	Surad	Mandoli Nalla	L/S	274320	31°19'28.74"	77°38'35.41"



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	wire crate retaining wall	Nankhari	Nankhari	Bai Bahli	Bai Bahli Nalla	L/S	406960	31°16'57.61"	77°37'46.13"
	wire crate retaining wall	Nankhari	Nankhari	Kungal Munder	Kungal Nalla	L/S	406960	31°16'26.95"	77°37'02.66"
	wire crate check walls	Nankhari	Sholi	Delath	Machhad Gad	30	602880	31°21'38.44"	77°36'06.31"
	wire crate check walls	Nankhari	Sholi	Delath	Machhad Gad	L/S	150720	31°21'38.44"	77°36'06.31"
	wire crate check walls	Nankhari	Nankhari	Nankhari	Punan Khad Slip	20	401920	31°17'34.57"	77°36'49.94"
	wire crate check walls	Nankhari	Nankhari	Nankhari	Punan Khad Slip	L/S	100480	31°17'34.57"	77°36'49.94"
	wire crate retaining wall	Nankhari	Sholi	Delath	Machhad Gad	25	1526000	31°21'38.44"	77°36'06.31"
	wire crate retaining walls	Nankhari	Sholi	Delath	Machhad Gad	L/S	381500	31°21'38.44"	77°36'06.31"
	wire crate retaining walls	Nankhari	Sholi	Delath	Nau Nalla	L/S	145580	31°21'55.10"	77°33'59.41"
	wire crate retaining walls	Nankhari	Nankhari	Kungal Munder	Kungal Balti	8	515200	31°17'27.23"	77°37'45.22"
	wire crate retaining walls	Nankhari	Nankhari	Kungal Munder	Kungal Balti	L/S	128800	31°17'27.23"	77°37'45.22"
	wire crate retaining walls	Bahli	Bahli	Bahli	neri	L/S	178440	31°21'40.28"	77°36'28.94"
					Total	40624	8355020		
Research, Training & Capacity Building									
	Publicity	-	-	-	-	L/S	100000	-	-
	Awareness camp	-	-	-	-	L/S	300000	-	-
	workshop	-	-	-	-	L/S	500000	-	-
	Hiring of local consultant vor vrious activities in CAT Plan					L/S	300000	-	-
	Publication	-	-	-	-	L/S	100000	-	-
Infrastructure & Forest Protection									
	new construction	Rampur	Nogli	Duttanagar	Fgd. hut	L/S	300000	-	-
	New construction	Nankhari	Nankhari	Kungal Munder	Fgd. hut	1	960000	-	-
	New construction	Nankhari	Nankhari	Kungal Munder	Fgd. hut	L/S	240000	-	-
	New construction	Bahli	Surad	Khamadi	Fgd. hut	1	1120000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	New construction	Bahli	Surad	Khamadi	Fgd. hut	L/S	280000	-	-
	New construction	Bahli	Surad	Beaunthal	Fgd. hut	1	1120000	-	-
	New construction	Bahli	Surad	Beaunthal	Fgd. hut	L/S	280000	-	-
	energy saving devices	-	-	-	-	L/S	700000	-	-
						Total	3	5000000	
Wildlife Activate									
	Habitat enrichment new plantation	Bahli	Bahli	Bahli	Nehra	5	692000	-	-
	Habitat enrichment	Bahli	Bahli	Bahli	Nehra	L/S	173000	-	-
	Habitat enrichment new plantation	Bahli	Surad	Surad	UF-Surad	5	692000	-	-
	Habitat enrichment	Bahli	Surad	Surad	UF-Surad	L/S	173000	-	-
	1st Year maintenance	Rampur	Nogli	Duttanagar	Bhadrash	2	26182	-	-
	1st year maintenance	Nankhari	Sholi	Chaktyi	Tarana	5	65455	-	-
	Development of Bio-diversity Park	Rampur	Nogli	Duttanagar	Talai	L/S	1650000	-	-
	Purchase of GPS-20 Nos., Trap Camera-12 Nos., Computer with Printer-4 Nos. & Scanner-5 Nos.	-	-	-	Division office	L/S	1000000	-	-
						Total	17	4471637	
Other Works									
	purchase of fire fighting equipment	-	-	-	-	L/S	50000	-	-
	Hiring of vehicle during fire season	-	-	-	-	L/S	500000	-	-
	Cultural operation	-	-	-	-	L/S	1000000	-	-
	Trekker hut at Bahli	Bahli	Bahli	Bahli	Bahli	1	1000000	-	-
	Development of walking trail	Bahli	Bahli	Bahli	Narain Bahli	12	400000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Equipement/publications	-	-	-	-	L/S	100000	-	-
					Total	13	3050000		
					Total		22061657		
Name of CAT Plans - Jogini									
Plantations									
Maintenance of Plantations									
	-	Rampur	Deothi	Munish	Janthal	5	12500	-	-
	-	Rampur	Deothi	Kashapat	Jaghotidhar	10	25000	-	-
					Total	15	37500		
Other Works									
	Payment for eco-services					L/S	500000	-	-
	mobility for protection vehicle					L/S	100000	-	-
	maintenance of motor vehicle					L/S	20000	-	-
	monitoring & evaluation					L/S	200000	-	-
					Total		22099157		
Name of CAT Plans - Sumez									
Plantations									
Maintenance of Plantations									
	-	Sarahan	Phancha	Sarpara	C-213 b Manjkalaya	5	10000	-	-
					Total	5	10000		
Other Works									
	payment for eco-services					L/S	1500000	-	-
	maintenance of motor vehicle					L/S	5000	-	-
	Monitoring & evaluation					L/S	1000000	-	-
Nursery Infrastructure									
					Total		22109157		



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
Name of CAT Plans - Upper Nanti									
Plantations									
Maintenance of Plantations									
	-	Sarahan	Phancha	Phancha	-	10	15000	-	-
	-	Sarahan	Phancha	Phancha	-	10	51000	-	-
					Total	20	66000		
Soil Moisture Works									
Research, Training & Capacity Building									
	-	-	-	-	-	L/S	1004000	-	-
Infrastructure & Forest Protection									
Wildlife Activate									
Other Works									
	maintenance of motor vehicle					L/S	10000	-	-
	reward t incentive to informers					L/S	50000	-	-
Nursery Infrastructure									
					Total		22175157		
Name of CAT Plans - Lower Nanti									
Plantations									
Maintenance of Plantations									
	-	Sarahan	Jaghori	Jaghori	C-199 Karai	10	29000	-	-
	-	Sarahan	Phancha	Phancha	C-208 Phancha Kanda	5	7500	-	-
	-	Sarahan	Jaghori	Jaghori	UF-Chandi	5	25500	-	-
	-	Sarahan	Phancha	Phancha	UF-Kandri	5	25500	-	-
					Total	25	87500		
Soil Moisture Works									
Research, Training & Capacity Building									
Infrastructure & Forest Protection									



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
Wildlife Activate									
Other Works									
	payment for eco-services	-	-	-	-	L/S	1500000	-	-
	mobility for protection vehicle	-	-	-	-	L/S	68200	-	-
	maintenance of vehicle	-	-	-	-	L/S	30000	-	-
	monitoring & evaluation	-	-	-	-	L/S	800000	-	-
	Site specific work	Sarahan	Jaghori	Jaghori	Ghati Gad	1	845000	-	-
					Total	1	3243200		
Nursery Infrastructure									
					Total		25505857		
					Total Rampur		25505857		
Name of Division - Ani									
Name of CAT Plans - Rampur HEP									
Plantations									
	Development of Alpine Pasture	Arsu	Kharga	Sarga	Muharna Kanda	10	330000	-	-
		Nither	Nither	Sarahar	Chambul	10	330000	-	-
		Arsu	Arsu	Pali	Pankwa Chanwa	5	165000	-	-
	Development of low lying Pasture	Arsu	Kharga	Sarga	Mohali Pasture	10	390000	-	-
		Arsu	Kharga	Sarga	Barguridhar	5	195000	-	-
		Arsu	Kharga	Kharga	Ochhimaw	5	195000	-	-
		Arsu	Kharga	Tunan	UPF Tunan	10	390000	-	-
		Arsu	Nirmand	Brow	UPF Ralu-III	5	195000	-	-
		Arsu	Nirmand	Averi	Shalunidhar	10	390000	-	-
		Arsu	Kharga	Kindla	Nalina	5	195000	-	-
		Arsu	Kharga	Kindla	Kimcha	5	195000	-	-
		Arsu	Arsu	Arsu	Doba	1	39000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
		Arsu	Sarahan	Sarahan	Barelidhar	5	195000	-	-
		Arsu	Sarahan	Shamani	Ishwa	5	195000	-	-
		Arsu	Sarahan	Tharla	2/16 Marya	10	390000	-	-
		Arsu	Sarahan	Juagi	UPF Nager	5	195000	-	-
		Nither	Moin	Moin	Janas	5	195000	-	-
		Nither	Moin	Moin	Chuini	10	390000	-	-
		Nither	Moin	Moin	Kukarjan	10	390000	-	-
		Nither	Nither	Nither	Monnale	10	390000	-	-
		Nither	Moin	Koil	Shanah	5	195000	-	-
		Nither	Margi	Margi	Chimti	10	390000	-	-
		Nither	Margi	Margi	Deoridhar	10	390000	-	-
		Nither	Margi	Nore	Nore	10	390000	-	-
		Nither	Margi	Katmore	Katmore	5	195000	-	-
Total						181	6909000		
Maintenance of Plantations									
Soil Moisture Works									
	Rain water Harvesting structure	Arsu	Nirmand	Nirmand	Nirmand	1	200000	-	-
		Arsu	Nirmand	Pujarli	Kosh	1	225000	-	-
		Nither	Nither	Moin	Moin	1	200000	-	-
Total						3	625000		
Research, Training & Capacity Building									
	Training and Studies	Division	Division	Division	Division	1	244710	-	-
	Awareness and Publicity	Division	Division	Division	Division	1	992500	-	-
Total						2	1237210		
Infrastructure & Forest Protection									
	Village Ponds and Tanks	Nither	Moin	Moin	Chuini	1	100000	-	-
		Nither	Nither	Nither	Khadvecha	1	100000	-	-
		Arsu	Kharga	Tunan	Gaonbil	1	100000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Repair of Springs, Bawari and other water sources	Arsu	Kharga	Tunan	Thachwa	1	100000	-	-
		Arsu	Kharga	Tunan	Gaonbil	1	50000	-	-
		Arsu	Kharga	Tunan	Pali	1	50000	-	-
		Arsu	Kharga	Tunan	Kasholi	1	50000	-	-
		Arsu	Arsu	Pali	Dogri	1	50000	-	-
		Arsu	Sarahan	Sarahan	Bagipul	1	50000	-	-
		Arsu	Nirmand	Nirmand	Newala	1	100000	-	-
		Arsu	Moin	Moin	Shaini	1	200000	-	-
	Strengthening village road and path	Arsu	Kharga	Kindla	Kunikhad to Tandri	1	100000	-	-
		Arsu	Kharga	Sarga	Shaungi Dhar to Kindla	1	100000	-	-
		Arsu	Arsu	Pali	Kasholi to Chunagai	1	100000	-	-
		Arsu	Arsu	Pali	Kasholi to Pankwa	1	100000	-	-
	C/o Foot Bridge	Arsu	Kharga	Kharga	Dogri Khad	1	200000	-	-
	C/o Crematoria	Arsu	Nirmand	Averi	Averi	1	150000	-	-
	Distribution of pressure cookers	Arsu	Kharga	Sarga	Bahan & Dhar	15	30000	-	-
		Arsu	Kharga	Kharga	Kharga	15	30000	-	-
		Arsu	Kharga	Tunan	Kasholi	15	30000	-	-
		Arsu	Nirmand	Pujarli	Pujarli	15	30000	-	-
		Nither	Nither	Moin	Moin	10	20000	-	-
	Clearance of Fire line	Arsu	Nirmand	Nirmand	UPF Shataldhar	1.5	4500	-	-
	Clearance of Fire line	Arsu	Nirmand	Brow	UPF Brow	1	3000	-	-
	Clearance of Fire line	Arsu	Nirmand	Pujarli	R/3 RG Kandi	3	9000	-	-
	Clearance of Fire line	Arsu	Arsu	Pali	UPF Pankwa	1.5	4500	-	-
	Clearance of Fire line	Arsu	Kharga	Sarga	2/1 Brati	4	12000	-	-
	Clearance of Fire line	Arsu	Sarahan	Juagi	2/12 Balacha	3	9000	-	-
	Clearance of Fire line	Nither	Margi	Katmore	1/8 Lohar	1	3000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Engagement of Fire watcher in Arsu at Nirmand Range	Arsu	Arsu	Range	Range	500	150000	-	-
	Engagement of Fire watcher in Nither Range	Nither	Range	Range	Range	500	150000	-	-
	Purchasing of Fire Fighting Equipment's	Division	Division	Division	Division	1	75000	-	-
					Total	1103	2260000		
Wildlife Activate									
	Wildlife Improvement	Arsu	Sarahan	Juagi	Tinder	1	400000	-	-
	Wildlife Improvement	Nither	Nither	Koil	Dogri	1	400000	-	-
					Total	2	800000		
Other Works									
	Subsidiary Silvicultural Operation (Cleanings, ClimberCutting Slash Disposal and debries collection / Burning etc to improve the growth conditions and hygiene of the forest)	Arsu	Kharga	Sarga	Humku	10	50000	-	-
		Arsu	Kharga	Sarga	2/1 Brati C-II	10	50000	-	-
		Arsu	Kharga	Kharga	2/6 Gada Mahwa	5	25000	-	-
		Nither	Nither	Sarahar	Jagerdhar	5	25000	-	-
	Amenities to Staff and labour	Division	Division	Division	Division	1	30000	-	-
	Moter Vehicle	Division	Division	Division	Division	1	191539	-	-
	Horticultural Supports	Division	Division	Division	Division	1	250000	-	-
	Animal Husbandry Supports	Division	Division	Division	Division	1	100000	-	-
					Total	34	721539		



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
Nursery Infrastructure									
Total							12552749		
Name of CAT Plans - Luhari HEP Stage-I									
Plantations									
	New Plantation Afforestation	Nither	Margi	Nore	Thantal Chambi	5	383750	77*33'37.78"	31*27'39.02"
	New Plantation Afforestation	Nither	Margi	Nore	Khatu Banu	5	383750	-	-
	New Plantation Afforestation	Nither	Margi	Nore	Bangu	3	230250	-	-
	New Enrichment Plantation	Nither	Moin	Moin	Anas	10	720000	77*32'01.76"	31*22'28.85"
	New Plantation Afforestation	Nither	Nither	Nithern	Charni	15	1080000	77*30'36.20"	31*24'16.70"
	New Enrichment Plantation	Nither	Nither	Sarahar	Durah	15	1080000	77*30'41.94"	31*24'21.39"
	New Enrichment Plantation	Nither	Nither	Sarahar	Khani Kapri	10	720000	77*31'31.54"	31*24'19.49"
	New Enrichment Plantation	Nither	Nither	Nither	Shagnu	10	720000	77*30'41.94"	31*24'21.39"
	New Enrichment Plantation	Nither	Nither	Sarahar	Bakhnu	5	360000	77*30'32.16"	31*24'58.84"
	New Enrichment Plantation	Nither	Nither	Nither	Charni	5	360000	77*30'20.27"	31*24'42.85"
Total						83	6037750		
Maintenance of Plantations									
Soil Moisture Works									
	Moisture retention work	Nither	Moin	Moin	Anas	25	120000	-	-
	Moisture retention work	Nither	Nither	Nither	Charni	25	120000	77*30'36.20"	31*24'16.70"
	Moisture retention work	Nither	Nither	Nither	Shagnu	25	120000	77*30'41.94"	31*24'21.39"
	Moisture retention work Straggled Trenches	Nither	Nither	Nither	Durah	25	105000	77*32'13.52"	31*24'01.05"
	Moisture retention work Straggled Trenches	Nither	Nither	Sarahar	Khani Kapri	25	135000	77*31'31.54"	31*24'19.49"
		Nither	Nither	Sarahar	Bakhnu	25	25000	77*30'32.16"	31*24'58.84"



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Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
		Nither	Nither	Sarahar	Charni	25	25000	77*30'20.42"	31*24'42.85"
		Nither	Nither	Sarahar	Ropru Khad	25	87500	77*32'40.41"	31*24'37.15"
		Nither	Margi	Ghatu	Pokhan	25	25000	77*33'04.12"	31*25'53.54"
		Nither	Margi	Margi	Dodnal	25	168750	77*31'56.31"	31*26'49.91"
		Nither	Margi	Margi	Thuad Thach	25	168750	77*31'15.05"	31*26'46.19"
		Nirmand	Nirmand	Nirmand	Avera	25	250000	77*34'42.60"	31*24'21.25"
		Nirmand	Nirmand	Nirmand	Pipti	25	250000	77*33'37.30"	31*25'57.94"
		Nirmand	Nirmand	Nirmand	Nawbagh	25	25000	77*36'03.18"	31*25'24.40"
		Nirmand	Nirmand	Nirmand	Pi[paldhar	25	25000	77*34'49.60"	31*24'25.80"
		Nirmand	Nirmand	Nirmand	Pi[paldhar	25	25000	77*34'49.60"	31*24'25.80"
		Nirmand	Nirmand	Nirmand	Sabhaur	25	250000	77*34'27.84"	31*24'52.67"
		Nither	Margi	Nore	Bara Nal	25	142500	77*32'29.56"	31*27'37.02"
		Nither	Margi	Nore	Thanthal-I	25	150000	77*33'23.92"	31*27'53.84"
		Nither	Margi	Nore	Bainal	25	150000	77*33'14.39"	31*27'40.16"
		Nither	Margi	Nore	Thanthal Chambi	25	25000	77*33'37.78"	31*27'39.02"
		Nither	Margi	Nore	Khatu Banu	25	25000	77*32'58"	31*28'00.14"
		Nither	Margi	Nore	Bangu	25	15000	77*33'16.41"	31*27'18.41"
		Nither	Margi	Nore	Daju	25	187500	77*33'42.44"	31*27'55.70"
		Nither	Margi	Katmore	Dawada	25	160000	77*31'57.41"	31*28'04.22"
		Arsu	Sarahan	Tharvi	Devsu	25	240000	77*34'46.71"	31*29'16.78"
		Arsu	Sarahan	Tharvi	Devi Dhar	25	240000	77*34'42.27"	31*30'12.21"
		Arsu	Sarahan	Tharvi	Bekhwa	25	165000	77*34'39.79"	31*29'59.75"
		Arsu	Sarahan	Tharvi	Deem	25	150000	77*34'20.77"	31*30'58.65"
		Arsu	Sarahan	Tharvi	Dugha	25	120000	77*34'36.95"	31*30'02.23"
		Arsu	Nirmand	Nirmand	Kedas	25	140000	77*33'30.73"	31*27'20.53"
		Arsu	Nirmand	Pujarli	Kedas	25	50000	77*33'37.16"	31.26'45.3
		Arsu	Arsu	Buini	Below Deem	25	37500	77*33'52.10"	31*31'13.70"
		Nither	Margi	Katmore	Lohr PF	25	25000	77*31'39.67"	31*29'52.61"



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
		Nither	Margi	Katmore	Bijli PF	25	25000	77*30'51.13"	31*29'50.86"
		Nither	Margi	Nore	Sarla Banu	25	25000	77*33'13.68"	31*28'13.47"
		Nither	Margi	Nore	Deoridhar	25	25000	77*33'04.81"	31*29'13.29"
		Nither	Margi	Nore	Manjwa Dhar	25	25000	77*33'03.94"	31*29'06.26"
		Arsu	Sarahan	Shamani	Shalat-I	25	175000	77*32'41.82"	31*29'44.81"
		Arsu	Sarahan	Shamani	Panhada	25	187500	77*32'55.49"	31*29'57.24"
		Arsu	Sarahan	Shamani	Darad PF	25	37500	77*31'02.12"	31*30'48.70"
		Arsu	Sarahan	Sarahan	Bagi	25	187500	77*33'29.58"	31*31'18.40"
		Arsu	Sarahan	Sarahan	Chenai-I	25	180000	77*32'29.71"	31*32'03.05"
		Arsu	Sarahan	Sarahan	Chenai-II	25	172500	77*32'28.93"	31*32'19.94"
		Arsu	Sarahan	Sarahan	Sharni	25	250000	77*32'28.98"	31*32'20.01"
		Arsu	Sarahan	Sarahan	Near Dhorinal	25	37500	77*33'07.31"	31*31'50.91"
	Drainage line treatment Brushwood	Arsu	Arsu	Buini	Below Deem	22	2530	77*33'04.38"	31*23'05.47"
		Nither	Moin	Koil	Anas Nala II	25	2875	77*36'54.15"	31.23'38.70"
		Nither	Moin	Koil	Koil Nala	15	1725	77*34'13.02"	31.23'42.21"
		Nither	Moin	Koil	Nagra Nala	18	2070	77*32'47.92"	31.23'19.81"
		Nither	Moin	Koil	Shanah Nala I	15	1725	77*32'45.23"	31.23'06.41"
		Nither	Moin	Koil	Shanah Nala II	15	1725	77*32'44.79"	31*23'16.49"
		Nither	Nither	Nither	Naharu Nala	400	7200	77*30'38.55"	31*24'22.79"
		Nither	Nither	Nither	Sharthi Nala	145	2610	77*30'37.28"	31*23'36.81"
		Nither	Nither	Sarahar	Khamot Nala	45	5175	77*31'36.22"	31*24'20.11"
		Nither	Margi	Margi	Chawada Nalla	25	2875	77*31'14.45"	31*26'47.378"
		Nither	Margi	Margi	Bada Nala	30	3450	77*30'44.61"	31*26'27.97"
		Nither	Margi	Margi	Kuthal Nalla	20	2300	77*30'40.85"	31*26'23.19"
		Nither	Margi	Margi	Nai Gad	30	3450	77*31'02.92"	31*26'02.82"
		Arsu	Nirmand	Nirmand	Pakvidhar Nala-I	18	2070	77*34'25.49"	31*26'02.82"
		Arsu	Nirmand	Nirmand	Pakvidhar Nala-II	20	2300	77*34'31.49"	31*25'24.82"



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
		Arsu	Nirmand	Nirmand	Poktu Nalla	35	4025	77*34'44.89"	31*25'24.82"
		Arsu	Nirmand	Nirmand	Bathwa Nala	25	2875	77*31'57.40"	31*28'15.20"
		Nither	Margi	Nore	Bai Nala	100	11500	77*34'27.55"	31*29'19.57"
		Nither	Margi	Nore	Thanthal Nala	25	2875	77*33'27.34"	31*27'46.56"
		Arsu	Sarahan	Tharvi	Bekhwa Nala	60	6900	77*34'38.44"	31*30'00.51"
		Arsu	Sarahan	Tharvi	Raga	20	2300	77*34'32.28"	31*30'44.30"
		Arsu	Nirmand	Pujarli	Kandu Nala	35	4025	77*33'36.29"	31*26'44.03"
		Nither	Margi	Nore	Nore (Devrii) Nala	35	4025	77*32'52.41"	31*29'24.85"
	Live Hedge in (rmt)	Nither	Moin	Koil	Anas Nala I	18	3600	77*33'04.38"	31*23'05.47"
	Live Hedge in (rmt)	Nither	Moin	Koil	Anas Nala II	18	7200	77*36'54.15"	31*23'38.70"
	Live Hedge in (rmt)	Nither	Moin	Koil	Koil Nala	18	1800	77*34'13.02"	31*23'42.21"
	Live Hedge in (rmt)	Nither	Moin	Koil	Nagra Nala	18	3600	77*32'47.92"	31*23'19.81"
	Live Hedge in (rmt)	Nither	Moin	Koil	Shanah Nala I	18	1800	77*32'45.23"	31*23'06.41"
	Live Hedge in (rmt)	Nither	Moin	Koil	Shanah Nala II	18	3600	77*32'45.23"	31*23'16.49"
	Live Hedge in (rmt)	Nither	Nither	Nither	Naharu Nala (Above Lotkaon PF)	18	7200	77*30'38.55"	31*24'22.79"
	Live Hedge in (rmt)	Nither	Nither	Nither	Sharthi Nala	18	2610	77*30'37.28"	31*23'26.81"
	Live Hedge in (rmt)	Nither	Nither	Sarahar	Khamot Nala	18	4500	77*31'36.22"	31*24'20.11"
	Live Hedge in (rmt)	Nither	Margi	Margi	Bada Nala	18	9000	77*30'44.61"	31*26'27.97"
	Live Hedge in (rmt)	Nither	Margi	Margi	Chawada Nalla	18	9000	77*31'14.45"	31*26'47.38"
	Live Hedge in (rmt)	Nither	Margi	Margi	Kuthal Nalla	18	3600	77*30'40.85"	31*26'13.19"
	Live Hedge in (rmt)	Nither	Margi	Margi	Nai Gad	18	9000	77*31'02.92"	31*26'43.64"
	Live Hedge in (rmt)	Nither	Margi	Ghatu	Sunara Nalla	18	7200	77*31'33.82"	31*26'48.87"
	Live Hedge in (rmt)	Arsu	Nirmand	Nirmand	Pakvidhar Nala-II	18	5400	77*34'31.49"	31*25'52.63"
	Live Hedge in (rmt)	Arsu	Nirmand	Nirmand	Kurpan Khad Left Bank	18	54000	77*33'20.45"	31*25'46.55"
	Live Hedge in (rmt)	Arsu	Nirmand	Nirmand	Chambu Nala	18	5400	77*34'37.16"	31*24'44.36"
	Live Hedge in (rmt)	Nither	Margi	Katmore	Bashod Nala	18	9000	77*30'33.26"	31*27'50.10"
	Live Hedge in (rmt)	Nither	Margi	Katmore	Bathwa Nala	18	7200	77*31'57.41"	31*28'15.20"



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Live Hedge in (rmt)	Nither	Margi	Nore	Bai Nala	18	10800	77*34'27.55"	31*29'19.57"
	Live Hedge in (rmt)	Nither	Margi	Nore	Nai Nala	18	9000	77*33'25.75	31*27'29.71"
	Live Hedge in (rmt)	Nither	Margi	Nore	Thanthal Nala	18	5400	77*33'27.34"	31*27'46.56"
	Live Hedge in (rmt)	Nither	Margi	Nore	Kurpan Gad (MWs boundry in north to Chambi Village))	18	27000	77*33'44.28"	31*28'16.18"
	Live Hedge in (rmt)	Arsu	Sarahan	Tharvi	Bekhwa Nala	18	12600	77*34'38.44"	31*30'00.51"
	Live Hedge in (rmt)	Arsu	Sarahan	Tharvi	Ragad Nala	18	5400	77*34'32.28"	31*30'44.30"
	Live Hedge in (rmt)	Arsu	Nirmand	Pujarli	Kandu Nala	18	3600	77*33'36.29"	31*26'44.03"
	Live Hedge in (rmt)	Nither	Margi	Nore	Nore (Devrii) Nala	18	9000	77*32'52.41"	31*29'24.85"
	Live Hedge in (rmt)	Nither	Margi	Nore	Throw Nala	18	9000	77*33'23.27"	31*28'14.60"
	Live Hedge in (rmt)	Arsu	Sarahan	Shamani	Ishwa Nala	18	3600	77*31'49.52"	31*30'15.47"
	Live Hedge in (rmt)	Arsu	Sarahan	Shamani	Nagachship Nala	18	3600	77*33'34.10"	31*31'12.89"
	Live Hedge in (rmt)	Arsu	Sarahan	Sarahan	Badel Nala	18	5400	77*32'28.06"	31*32'20.50"
	Live Hedge in (rmt)	Arsu	Sarahan	Sarahan	Chenai Gad	18	7200	77*33'27.85"	31*31'25.98"
	Live Hedge in (rmt)	Arsu	Sarahan	Sarahan	Kurpan Khad right bank	18	27000	77*33'4373"	31*31'36.11"
	Live Hedge in (rmt)	Arsu	Sarahan	Sarahan	Jhalar Nala	18	5400	77*32'10.42"	31*32'08.64"
	Live Hedge in (rmt)	Arsu	Sarahan	Sarahan	Kanaoun Nala	18	9000	77*32'48.49"	31*31'55.80"
	Live Hedge in (rmt)	Arsu	Sarahan	Sarahan	Handu Nala	18	7200	77*32'41.09"	31*32'09.72"
	Live Hedge in (rmt)	Arsu	Sarahan	Sarahan	Baga Nala	18	11700	77*32'08.03"	31*32'50.82"
	Dry Stone Check Dam / Wall	Nither	Nither	Sarahar	Khamol Nala	8	54880	-	-
	Dry Stone Check Dam / Wall	Nither	Nither	Sarahar	Khamol Nala	10	159200	-	-
	Dry Stone Check Dam / Wall	Arsu	Sarahan	Juagi	Tinder Nala	2	23900	-	.
	Wire Crate Check Dam / Wall	Nither	Moin	Koil	Anas Nala -I	8	148000	-	-
	Wire Crate Check Dam / Wall	Nither	Moin	Koil	Anas Nala -I	4	100480	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Check Dam	Nither	Moin	Koil	Anas Nala -I	3	104910	-	-
	Wire Crate Check Dam / Wall	Nither	Moin	Koil	Anas Nala II	10	185000	-	-
	Wire Crate Check Dam / Wall	Nither	Margi	Ghatu	Sonara Nala	11	276320	-	-
	Wire Crate Check Dam / Wall	Arsu	Arsu	Tharvi	Bekhwa Nala	6	111000	-	-
	Wire Crate Check Dam / Wall	Arsu	Arsu	Tharvi	Bekhwa Nala	7	175840	-	-
	Wire Crate Check Dam / Wall	Arsu	Arsu	Tharvi	Bekhwa Nala	8	279760	-	-
	Wire Crate Check Dam / Wall	Arsu	Arsu	Tharvi	Bekhwa Nala	8	279760	-	-
	Wire Crate Check Dam / Wall	Arsu	Arsu	Tharvi	Bekhwa Nala	8	279760	-	-
	Wire Crate Check Dam / Wall	Arsu	Arsu	Tharvi	Bekhwa Nala	10	416000	-	-
	Wire Crate Check Dam / Wall	Arsu	Arsu	Tharvi	Ragad Nala	10	185000	-	-
	Wire Crate Check Dam / Wall	Arsu	Arsu	Tharvi	Ragad Nala	8	200960	-	-
	Wire Crate Check Dam / Wall	Arsu	Arsu	Tharvi	Ragad Nala	4	139880	-	-
	Wire Crate Check Dam / Wall	Arsu	Nirmand	Pujarli	Kandu Nala	5	92500	-	-
	Wire Crate Check Dam / Wall	Arsu	Nirmand	Pujarli	Kandu Nala	5	125600	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Juagi	Tinder Nala	3	55500	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Juagi	Tinder Nala	4	100480	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Wire Crate Check Dam / Wall	Arsu	Nirmand	Averi	Bael Nala	4	339600	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Juagi	Dewar Khad	7	175840	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Juagi	Dewar Khad	7	244790	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Juagi	Nagad Khad	7	198450	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Juagi	Nagad Khad	6	209820	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Tharvi	Sheel Nala	6	111000	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Tharvi	Sheel Nala	5	125600	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Tharvi	Sheel Nala	7	244790	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Tharla	Badari Nala	10	185000	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Tharla	Badari Nala	10	251200	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Tharla	Kandu Bhagir Nala	10	185000	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Tharla	Kandu Bhagir Nala	7	291200	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Sarahan	Badel Nala	9	166500	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Sarahan	Badel Nala	10	251200	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Sarahan	Badel Nala	8	279760	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Sarahan	Chenai Gad	10	349700	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Sarahan	Chenai Gad	10	416000	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Sarahan	Jhalar Nala	9	166500	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Sarahan	Jhalar Nala	10	251200	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Sarahan	Jhalar Nala	8	279760	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Sarahan	Kanon Nala	10	152600	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Sarahan	Kanon Nala	10	185000	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Sarahan	Handu Nala	10	185000	-	-
	Wire Crate Check Dam / Wall	Nither	Margi	Nore	Nore (Devrii) Nala	10	185000	-	-
	Wire Crate Check Dam / Wall	Nither	Margi	Nore	Majwa Nala I	10	185000	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Shamani	Ishwa Nala	5	92500	-	-
	Wire Crate Check Dam / Wall	Arsu	Sarahan	Shamani	Ishwa Nala	5	125600	-	-
	Wire Crate Check Dam / Wall	Nither	Margi	Katmore	Bashod Nala	10	185000	-	-
	Wire Crate Check Dam / Wall	Nither	Margi	Katmore	Bashod Nala	9	226080	-	-
	Wire Crate Check Dam / Wall	Nither	Margi	Katmore	Bashod Nala	6	249600	-	-
	Wire Crate Check Dam / Wall	Arsu	Nirmand	Nirmand	Bagri Gad	10	185000	-	-
	Wire Crate Check Dam / Wall	Arsu	Nirmand	Nirmand	Bagri Gad	5	125600	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Wire Crate Check Dam / Wall	Arsu	Nirmand	Nirmand	Bagri Gad	9	314730	-	-
	Crate wire retaining Wall	Arsu	Sarahan	Shamani	Ishwa Nala	4	363200	-	-
	Live Hedges	Arsu	Sarahan	Sarahan	Deogi	100	1800	-	-
	Bioengineering Works	Arsu	Sarahan	Tharla	Khungar	1	160000	-	-
	Bioengineering Works	Arsu	Sarahan	Juagi	Baacha (Shingad)	0.5	80000	-	-
	Bio Engineering Works	Arsu	Sarahan	Tharla	Samatan	0.5	80000	-	-
	Bio Engineering Works	Arsu	Sarahan	Shamani	Pajinda (Left bank of Ogan Gad, above the road and below the road near pajinda village)	0.5	80000	-	-
	Bio Engineering Works	Nither	Margi	Ghatu	Jarla	0.5	80000	-	-
	Wire crate Check Wall	Nither	Margi	Ghatu	Jarla	10	185000	-	-
	Wire crate Check Wall	Arsu	Sarahan	Tharla	Khungar	10	152600	-	-
	Wire crate Check Wall	Arsu	Sarahan	Tharla	Khungar	10	185000	-	-
	Wire crate Check Wall	Arsu	Sarahan	Juagi	Baacha (Singhgad)	15	228900	-	-
	Wire crate Check Wall	Arsu	Sarahan	Juagi	Baacha (Singhgad)	15	277500	-	-
	Wire crate Check Wall	Arsu	Sarahan	Tharla	Samatan	10	152600	-	-
	Wire crate Check Wall	Arsu	Sarahan	Tharla	Samatan	15	277500	-	-
	Wire crate retaining wall	Arsu	Sarahan	Tharla	SiliGirchi	1	440000	-	-
	Silt monitoring Stations	Division	Division	Division	Division	1	650000	-	-
					Total	3599	19692665		
Research, Training & Capacity Building									
	Publicity	Division	Division	Division	Division	1	100000	-	-
	Awareness Camp	Division	Division	Division	Division	1	200000	-	-
	Workshop	Division	Division	Division	Division	1	200000	-	-
	Training on soil conservation information technology, envolvment to forest staff	Division	Division	Division	Division	1	300000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Hiring local consultant for various activities in CAT Plan	Division	Division	Division	Division	1	50000	-	-
	Publication	Division	Division	Division	Division	1	50000	-	-
					Total	6	900000		
Infrastructure & Forest Protection									
	Compound Development DFO Office premises at Luhri	Division	Division	Division	Division	1	1500000	-	-
	Repair of Forest Guard hut Sarahar	Nither	Nither	Nither	Fgd hut Sarahar	1	100000	-	-
	Repair of Residence cum Range office Nither	Nither	Nither	Nither	Residence cum Range office Nither	1	600000	-	-
	Renovation of Fgd Qtr Damehli	Arsu	Arsu	Damehli	Fgd hut Damehli	1	600000	-	-
	Sarahan to Samatan i/c construction of foot bridge	Arsu	Sarahan	Sarahan	Samatan	1	1800000	-	-
	Purchasing fire fighting equipment	Division	Division	Division	Division	1	100000	-	-
	Hiring of vehicle during fire season	Division	Division	Division	Division	1	500000	-	-
	Cultural Operation	Division	Division	Division	Division	1	500000	-	-
					Total	8	5700000		
Wildlife Activate									
	Water holes	Division	Division	Division	Division	1	100000	-	-
	Habitat Enrichment	Nither	Margi	Ghatu	UPF Ghatu	2	149768	-	-
	Habitat enrichment	Nither	Margi	Koil	UPF Khattla	3	224652	-	-
	Habitat Enrichment	Nither	Moin	Moin	UPF Moin	3	224652	-	-
	Habitat Enrichment	Arsu	Nirmand	Nirmand	UPF Khatanda	2	149768	-	-
					Total	11	848840		



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
Other Works									
	Development of walking trail (Rs. 5 Lakh from Nither to Margi and Rs. 5 lakh from Margi to Sarahan)	Division	Division	Division	Division	2	1000000	-	-
	Equipment's / Publication	Division	Division	Division	Division	1	68000	-	-
	Logistic support staffs (Pickup for Range)	Division	Division	Division	Division	1	687897	-	-
	Joint forest management and micro planning	Division	Division	Division	Division	1	260000	-	-
	Eco Battalion	Division	Division	Division	Division	1	596000	-	-
					Total	6	2611897		
Nursery Infrastructure									
	Storage tank, Irrigation system, Polyhouse Potting mixture shed, nursery	Nither	Margi	Ghatu	Ghatu	1	300000	-	-
		Nither	Margi	Margi	Margi	0.25	100000	-	-
		Arsu	Sarahan	Shamani	Ishwa	0.25	100000	-	-
		Arsu	Sarahan	Tharla	Tharla	0.5	100000	-	-
		Arsu	Arsu	Tharvi	Deem	0.25	100000	-	-
		Arsu	Arsu	Buini	Buini	0.2	100000	-	-
		Arsu	Arsu	Arsu	arsu	0.25	100000	-	-
					Total	2.7	900000		
					Total		49243901		
					Total Ani		50143901		
Name of Division - Kinnaur									
Name of CAT Plans - Tidong-I									
Plantations									



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Conifer and B/L Plantation	Moorang	Ribba	Ribba	C 189 Nagri	8	510400	-	0
	II) Conifer and B/L Plantation	Moorang	Ribba	Ribba	C 188 Batu	3	191400	.	.
	Pasture Improvement	Moorang	Ribba	Moorang	Lalanti Kanda	6	239400	.	.
					Total	17	941200		
Maintenance of Plantations									
	Ist year maintenance	Moorang	Jangi	Moorang	Thangi	10	85500	.	.
	3rd Year maint.	Moorang	Ribba	Moorang	C-196-I	5	16000	.	.
					Total	15	101500		
Soil Moisture Works									
	Rain/Snow Harvesting Structure	Moorang	Jangi	Moorang	Charang	1	200000	.	.
					Total	1	200000		
Research, Training & Capacity Building									
Infrastructure & Forest Protection									
	Distribution of Solar Appliances	Moorang	-	-	To be distributed / provide in vallages Thangi, Moorang and Rispa	0	250000	-	-
	To be distributed / provide in vallages Thangi, Moorang and Rispa	Moorang	-	-	-	-	74000	.	.
	C/o crematoria at Lamber	Moorang	Ribba	Rispa	Rispa	1	400000	.	.
	Strengthening of village road and path	Moorang	Ribba	Rispa	Veterinary hospital to Magung Khotog	1	200000	.	.
	Strengthening of village road and path	Moorang	Ribba	Rispa	Tunel C 192 to Dowa	1	300000	.	.
	Repair of Forest Path	Moorang	Jangi	Rarang	Approach road to FRH Akpa	1	315000	.	.
					Total	4	1539000		
Wildlife Activate									



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
Other Works									
	Operational Mobility	-	-	-	-	-	250000	.	.
	Office Equipment	-	-	-	-	-	50000	.	.
	tRAVEL eXPENSES	-	-	-	-	-	50000	.	.
	Subsidiary Silvicultural Operatation	Moorang	Ribba	Rispa	C 191	5	17500	.	.
	Subsidiary Silvicultural Operatation	Moorang	Ribba	Ribba	C 189 & 188	10	35000	.	.
					Total	15	402500		
Nursery Infrastructure									
					Total		3184200		
Name of CAT Plans - Kashang									
Plantations									
	Maint. of 3rd year old plantation	Kalpa	Kalpa	Pangi	C-234	5	21862.5	31.36.25	078.15.57
	Maint. of 4th year old plantaton	Kalpa	Kalpa	Pangi	C-233	5	21862.5	31.31.40.05	078.17.13.75
	Maint. of 4th year old plantaton	Kalpa	Kalpa	Pangi	C-240	7	30607.5	31.34.39.40	078.16.12.97
					Total	17	74332.5		
Maintenance of Plantations									
Soil Moisture Works									
Research, Training & Capacity Building									
	Training in respect of work releated NTFP cultivartion, animal husbantry, gardening & farm works etc,	Mooramg	-	-	-	0	150000	.	.
Infrastructure & Forest Protection									



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Distribution of Induction Heater	Moorag	-	-	-	200	440000	.	.
	Fire watcher	Kalpa	kalpa	-	-	0	100000	.	.
					Total	200	540000		
Wildlife Activate									
	Soil Stabalization & Bio-eng. Works	Mooramg	Jangi	lippa	Lippa Asrang WL Sencury.	-	500000	.	.
Other Works									
	Distriburion of GI Pipes for hoisting of flage for buddisht	Kalpa & Mooramg	-	-	-	2000	2000000	.	.
					Total	2000	2000000		
Nursery Infrastructure									
					Total		5798532.5		
Name of CAT Plans - Shongtong Karchham									
Plantations									
	I Enrichment (irrigated)	-	-	-	-	15	1286000	-	-
	Enrichment (non irrigated)	Kalpa	Shongtong	Purbani	C-183	10	535810	31.31.22	078.15.38
	1st year Maintenance of Enrichment	Kalpa	Kalpa	Pangi	C-237	10	63000	20	21
	1st year Maintenance of Enrichment	Kalpa	Shongtong	Purbani	UF Kibber	5	31500	20	21
	1st year Maintenance of Enrichment	Kalpa	Shongtong	Purbani	Uf Purbani	5	31500	20	21
	3rd year maint.	Kalpa	Kalpa	Kalpa	C-243	5	19875	31°31'44"	078°14'32"
					Total	50	1967685		
Maintenance of Plantations									
	i Normal plantaton (irrigated)	-	-	-	-	34	3213000	-	-
	New Plantation	Kalpa	Kalpa	Pangi	C-240	6	75108	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	1st year Maintenance	-	-	-	-	19	162450	31.31.22.	078.15.38
	2nd Year Maintenance	Kalpa	Shongtong	Tangling	C-177	10	42500	31.31.26.	078.17.07
	2nd year Maintenance	Kalpa	Shongtong	Purbani	C-182	5	21250	31.58.04	078.29.14
	2nd Year Maintenance	Kalpa	Shongtong	Barang	C-174	5	21250	31.21.38	078.17.10
	3rd Year Maintenance	Moorang	Ribba	Moorang	C-192	5	16300	31.34.22	078.25.38
	3rd year Maintenance	Moorang	Ribba	Moorang	C-189	5	16000	31.34.35	078.22.43
	3rd year Maintenance	Kalpa	Kalpa	Kalpa	C-241	5	16000	31.32.52.91	078.15.06.82
	3rd year Maintenance	Kalpa	Kalpa	Rogi	C-247	5	16000	31°30'37"	078°12'21"
	3rd year maint.	Kalpa	Kalpa	Pangi	C-240	5	16000	31°34'49"	078°16'03"
	3rd year maint.	Kalpa	Shongtong	Tangling	C-180	10	32000	31.32.31	078.17.27
	3rd year maint.	Kalpa	Shongtong	Barang	C-173	7	22400	31.29.34	078.15.39
	3rd year maint.	Kalpa	Shongtong	Purbani	C-183	5	16000	31.58.272	078.30.146
	4th year maint.	Kalpa	Shongtong	Purbani	C-182	3	6600	31.24.23.1	078.1640.1
	4th year maint.	Kalpa	Shongtong	Tangling	UF-landhar above Road	3	6600	31.31.27.00	078.15.53.00
	4th year maint.	Kalpa	Shongtong	Barang	C-173	3	6600	31.48.20.51	078.24.78.6
	5th year maints	Kalpa	Kalpa	Kalpa	C-241	7	15400	31.32.6.10	078.15.13.1
	5th year maints	Kalpa	Kalpa	R/Peo	Tonagche	5	11000	31.31.29.0	078.15.17.0
	5th year maints	Kalpa	Shongtong	Purbani	C-182C	3	6600	31.58.63.43	078.3.21.59
	5th year maints	Kalpa	Shongtong	Tangling	C-174B	3	6600	31.50.52.35	078.26.93.76
	5th year maints	Kilba	Sangla	Seringchha	UF-chispan	5	11000	31°24.42.2"	078°18'18.6"
	5th year maints	Kilba	Sangla	Seringchha	C-162 b	5	11000	31°25'01"	078°17'48.2"
	5th year maints	Moorang	Ribba	Ribba	C-186	5	11000	31°34'39"	078°23'52"
	5th year maints	Moorang	Ribba	Ribba	C-189	5	11000	31°34'30"	078°20'50"
	3rd year maint.	Pooh	Pooh	Namgiya	Shipkila Pasture	1	3975	-	-
					Total	174	3793633		
Soil Moisture Works									
	a. Land Slide/Slip	Kalpa	Kalpa	Roghi	Panumosarang	L/S	NaN	-	-
	Treatment Nallah	Kalpa	Kalpa	Tangling	Tangling Nalla Left	L/S	300000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Tertment Nallah	Kalpa	Kalpa	Purbani	Shungrang Nalllah	L/S	NaN	-	-
	Treatment Nallah	Moorang	Jangi	Rarang	Thkulang	L/S	300000	-	-
	Treatment Nallah	Moorang	Jangi	Rarang	Korthi Nallah	L/S	Treatment Nallah	-	-
	Treatment Nallah	Moorang	Jangi	Rarang	Shataingi	L/S	300000	-	-
	Treatment Nallah	Moorang	Jangi	Rarang	Bhoktiyo	1/s	300000	-	-
	Treatment Nallah	Moorang	Jangi	Rarang	Purang Nallah	1/s	280000	-	-
	Treatment Nallah	Moorang	Jangi	Rarang	Kharato Nallah	1/s	350000	-	-
	Treatment Nallah	Moorang	Jangi	Rarang	Sislsa Nalla	1/s	300000	-	-
	Treatment Nallah	Moorang	Jangi	Rarang	Kharato Nallah	1/s	350000	-	-
	Avlanche Control	Kalpa	Kalpa	Barang	Avlanche Control	1/s	350000	-	-
	Tarkha Kanda	Kalpa	Kalpa	Barang	Avlanche Control	1/s	300000	-	-
	Shurpu Kanda	Moorang	Ribba	Moorang	Avlanche Control	1/s	350000	-	-
Research, Training & Capacity Building									
	Maint. Of FRH Sholtu	B/Nagar	B/Nagar	Sholtu	-	1	250000	-	-
	Construction of inspection hut chowkidhar cum Driver Room hut at Kalpa	Kalpa	Kalpa	Kalpa	Construction of inspection hut chowkidhar cum Driver Room hut at Kalpa	1	NaN	-	-
	Repair/ Maintance of FGD at Pangi	Kalpa	Kalpa	Pangi	Repair/ Maintance of FGD at Pangi	1	250000	-	-
	Repair/ Maintance of Mali Quarter at Kalpa	Kalpa	Kalpa	Kalpa	Repair/ Maintance of Mali Quarter at Kalpa	1	200000	-	-
	Repair/ Maintance of BO Quarter at Shongtong	Kalpa	Barang	Barang	Repair/ Maintance of BO Quarter at Shongtong	1	150000	-	-
	Repair/ Maintance of FGD at Shongtong	Kalpa	Barang	Barang	Repair/ Maintance of FGD at Shongtong	1	150000	-	-
	Repair/ Maintance of FGD at Tangling	Kalpa	Barang	Barang	Repair/ Maintance of FGD at Tangling	1	150000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Fencing of F.G hut Moorang	Moorang	Ribba	Moorang	Fencing of F.G hut Moorang	1	300000	-	-
	Fencing of F.G hut Moorang	Moorang	Ribba	Moorang	Fencing of F.G hut Moorang	1	300000	-	-
					Total	9	1750000		
Infrastructure & Forest Protection									
	Repair of path from Shilling to Fulaych	Moorang	Ribba	Moorang	Repair of path from Shilling to Fulaych	0	200000	-	-
	Repair of path from Thowaring to Fulaych	Moorang	Ribba	Moorang	Repair of path from Thowaring to Fulaych	0	150000	-	-
	Engangment of fire watcher/ fire fighting squad (Kilba , Karchham & Sangla block Kalpa Range) Kilba forest Range.	-	-	-	i. b. Engangment Fire) forest Rangee watcher / fire fighting squad	0	250000	-	-
	Properly display the site of execution i.e. eg plantation work, Nry., pasture Dev.	-	-	-	iii. Sign Bord	0	50000	-	-
	-	-	-	-	-	1	7350000	-	-
	Anti poaching measures in Kilba, Moorang Pooh and Maling	-	-	-	-	0	200000	-	-
					Total	1	8200000		
Wildlife Activate									
	Compensation and herd insurance scheme	-	-	-	2.2 Help to Resolve to man - animal conflict	0	400000	-	-
	Purchase of equipment and medicine for management for wild life	-	-	-	-	0	450000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Purchase of equipment and medicine for management for wild life	-	-	-	-	0	450000	-	-
	Compensation and herd insurance scheme	-	-	-	2.2 Help to Resolve to man - animal conflict	0	400000	-	-
Other Works									
	Distibution of GI pipes for hoisting religious flags in lieu of pole trees being cut by the locals right holders	Kalpa	Kalpa	Kalpa	Kalpa	150	120000	-	-
	Distibution of GI pipes for hoisting religious flags in lieu of pole trees being cut by the locals right holders	Moorang	Moorang	Moorang	Moorang	75	63750	-	-
	Distibution of GI pipes for hoisting religious flags in lieu of pole trees being cut by the locals right holders	pooh	-	-	-	50	45000	-	-
	Distibution of GI pipes for hoisting religious flags in lieu of pole trees being cut by the locals right holders	Malling	-	-	-	30	28500	-	-
	Distibution of GI pipes for hoisting religious flags in lieu of pole trees being cut by the locals right holders	Malling	-	-	-	30	28500	-	-
	--	-	-	-	-	0	450000	-	-
	-	-	-	-	-	0	500000	-	-
	-	-	-	-	-	0	500000	-	-



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	-	-	-	-	-	0	200000	-	-
	-	-	-	-	-	0	150000	-	-
					Total	335	2085750		
Nursery Infrastructure									
	ii Normal plantation (non-irrigated)	-	-	-	-	6	272000	-	-
	New Plantation	Moorang	Moorang	Moorang	UF-Nesang (Somthane)	5	62590	-	-
	New plantation	Pooh	Kanam	Sunam	UF-Sunalli (Barati)	8	100144	-	-
					Total	19	434734		
					Total		24030334.5		
Name of CAT Plans - Karchham Wangtoo									
Plantations									
Maintenance of Plantations									
Soil Moisture Works									
Research, Training & Capacity Building									
Infrastructure & Forest Protection									
Wildlife Activate									
Other Works									
Nursery Infrastructure									
					Total		24465068.5		
Name of CAT Plans - NJPC									
Plantations									
Maintenance of Plantations									
	Maint of 5th year old plantation-Enrichment.	Nichar	Nichar	Nichar	UF Wangtoo	4	8800	.	.
		Nichar	Sungra	Bari	Teska	2	4400	.	.
		Nichar	Tranda	Tranda	C-71b	2	4400	.	.



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
		B/Nagar	B/Nagar	Chaura	NC-1	5	11000	.	.
					Total	13	28600		
					Total		24493668.5		
Name of CAT Plans - Sorang									
Plantations									
Maintenance of Plantations									
Soil Moisture Works									
	Stabilization of land slides/slips	B/Nagar	B/Nagar	B/kaba	Shorang Slip	0	400000	-	-
	Soil & mositure conservation	B/Nagar	B/Nagar	B/kaba	B/Kamba slip	0	400000	-	-
Research, Training & Capacity Building									
Infrastructure & Forest Protection									
	C/O / completion of I/Hut at shorang	B/Nagar	B/Nagar	Bara Khamba	Shorang	1	1000000	-	-
	Development of Range office compound at B/Nagar	B/Nagar	B/Nagar	B/Nagar	B/Nagar	1	450000	-	-
	C/o foot bridge over Jaba Nala	B/Nagar	B/Nagar	Rupi	Rupi	1	450000	-	-
	Repair of Forest Inspection path from Shorang Village to rupi Bridge	B/Nagar	B/Nagar	Bara khamba	Bara khamba	1	400000	-	-
					Total	4	2300000		
Wildlife Activate									
	Engagement of fire watcher and antipoching	B/Nagar	B/Nagar	-	-	0	600000	-	0
Other Works									
Nursery Infrastructure									



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
Total							26793668.5		
Name of CAT Plans - Selti Masrang									
Plantations									
Maintenance of Plantations									
	Afforestation	Katgaon	Katgaon	Kafnoo	UF-27	5	29000	31°42'15"	77°55'12"
	Enrichment	Katgaon	Katgaon	Musrang	UF-28	5	21250	31°41'10"	078°04'12"
	Energy Plantations	Katgaon	Katgaon	Musrang	UF-29	5	29000	31°40'10"	078°05'18"
Total						15	79250		
Soil Moisture Works									
	Stabilization of Nalla.	Katgaon	Katgaon	Musrang	Pugrang Nalla-1	1	500000	.	.
	Stabilization of Nalla.	Katgaon	Katgaon	Musrang	Pugrang Nalla-ii	1	500000	.	.
	Stabilization of Nalla.	Katgaon	Katgaon	Musrang	Kacharang Nalla	1	500000	.	.
	Stabilization of Nalla.	Katgaon	Katgaon	Kafnoo	DutrangNalla	1	600000	.	.
	River Bank Stabilization	Katgaon	Katgaon	Musrang	Rive Bankn PWD Bridge to HPSEB Bridge Bai Khad 100 mtemte	1	100000	.	.
Total						5	2200000		
Research, Training & Capacity Building									
Infrastructure & Forest Protection									
	Distrubution of Solar Lights	Katgaon	Katgaon	Musrang, Katgaon Kafnoo	Musrang, Katgaon Kafnoo	100	400000	.	.
	Distrubution of Presure Cookers	Katgaon	Katgaon	Musrang, Katgaon Kafnoo	Musrang, Katgaon Kafnoo	1500	225000	.	.
	Displaying of Sign and slogan board in the prominent places of the forest.	Katgaon	Katgaon	Musrang, Katgaon Kafnoo	Musrang, Katgaon Kafnoo	-	30000	.	.



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Construction and repair of existing boundry pillars / chack pillars	Katgaon	Katgaon	Musrang, Katgaon Kafnoo	Musrang, Katgaon Kafnoo	-	100000	.	.
					Total	1600	755000		
Wildlife Activate									
Other Works									
Nursery Infrastructure									
	Maint. of Darchi Nry	Katgaon	Katgaon	Kafnoo	Maint. of Darchi Nry	0	150000	.	.
					Total		29827918.5		
Name of CAT Plans - Roura-II									
Plantations									
Maintenance of Plantations									
	3rd year Maintt. plantation	Kalpa	Urni	Runang	UF- Rangly	3	13200	.	.
	4th year maint.	Kalpa	Urni	Tapri	UF Kutano	3	9000	.	.
	5th Year maint.	Kalpa	Urni	Tapri	UF Janakpuri	3	6600	.	.
	5th Year maint.	Kalpa	Urni	Runang	UF Chhanpunang	5	11000	.	.
					Total	14	39800		
Soil Moisture Works									
Research, Training & Capacity Building									
Infrastructure & Forest Protection									
	S/Repair of Fgd. Hut Runang	Kalpa	Urni	Runang	-	1	500000	.	.
	Maint. Of Fgd. Hut Urni	Kalpa	Urni	Urni	-	1	200000	.	.
	Maint. Of B.O. Quarter Urni	Kalpa	Urni	Urni	-	1	250000	.	.
	Maint. Of Fgd. Hut Tapri	Kalpa	Urni	Tapri	-	1	250000	.	.
	Maint of Path From Kashteh to Niru 3 KM	Kalpa	Urni	Runang	Maint of Path From Kashteh to Niru 3 KM	1	300000	.	.



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Maint of Path From Niru to Tahro 5 KM	Kalpa	Urni	Runang	Maint of Path From Niru to Tahro 5 KM	1	500000	.	.
Total						6	2000000		
Wildlife Activate									
Other Works									
	Distribution of GI Pipes for hoisting religious flags in lieu of wooden pols.	Kalpa	Urni	Urni	Urni	150	120000	.	.
	Distribution of GI Pipes for hoisting religious flags in lieu of wooden pols.	Kalpa	Urni	Runang	Runang	100	80000	.	.
	Distribution of GI Pipes for hoisting religious flags in lieu of wooden pols.	Kalpa	urni	Tapri	tapri	200	160000	.	.
	Contingencies	-	-	-	-	-	100000	.	.
Total						450	460000		
Nursery Infrastructure									
Total							32477718.5		
Total Kinnaur							32477718.5		
Name of Circle -HP State CAMPA									
Name of Division - State CAMPA									
Other Works									
Nursery Infrastructure									
	Cost escalation	-	-	-	-	0	23277017.5	-	-
Total State CAMPA							0		
Name of Circle -Mandi									



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
Name of Division - Karsog									
Name of CAT Plans - Sunni Dam									
Plantations									
Maintenance of Plantations									
Soil Moisture Works									
	Staggered trenches	Karsog	Bagshad	Mahunag	D-124, Kalotha	600	37200	31°18'4.04"	77°12'37.89"
	Staggered trenches	Karsog	Bagshad	Bagshad	D-111, Bagshad	1200	74400	31°17'54.63"	77°9'27.03"
	Staggered trenches	Karsog	Bagshad	Dharmour	Mehran	1200	74400	31°19'33.58"	77°10'29.62"
	Staggered trenches	Karsog	Bagshad	Parlog	D-130, Manjhu	1000	62000	31°16'47.58"	77°13'32.11"
	Staggered trenches	Karsog	Bagshad	Parlog	D-131, Parnout	600	37200	31°16'49.72"	77°13'18.87"
	Staggered trenches	Karsog	Bagshad	Parlog	D-135, Fafaan	1000	62000	31°16'12.39"	77°15'43.10"
	Staggered trenches	Karsog	Karsog	Kamand	D-149, Chandu	600	37200	31°20'.51.44"	77°9'41.53"
	Staggered trenches	Seri	Seri	Nehrinaal	Ganai	1000	62000	31°17'16.97"	77°19'14.03"
	Staggered trenches	Seri	Seri	Nanj	Paro	1000	62000	31°19'4.96"	77°19'31.00"
	Staggered trenches	Seri	Seri	Dhamun	Ganu	1000	62000	31°19'21.09"	77°19'12.06"
	Brushwood	Karsog	Bagshad	Bagshad	D-11, Bagshad-1 Nalla	100	13000	31°17'55.93"	77°9'37.61"
	Brushwood	Karsog	Bagshad	Parlog	Manjunalla	75	9750	31°16'59.05"	77°13'37.26"
	Brushwood	Karsog	Bagshad	Mahunag	Chalouni Nalla	90	11700	31°17'16.11"	77°14'39.72"
	Brushwood	Karsog	Bagshad	Sapnot	Dech Nalla	90	11700	31°19'48.87"	77°10'50.90"
	Brushwood	Karsog	Bagshad	Kamand	Jhunjr Nalla	250	32500	31°19'40.49"	77°13'49.63"
	Brushwood	Seri	Seri	Nehrinaal	Sihanj Nalla	300	39000	31°19'40.49"	77°13'49.63"
	Brushwood	Seri	Seri	Nanj	Choa Nalla	100	13000	31°19'40.74"	77°20'9.40"
	Brushwood	Seri	Seri	Dhamun	Kajjauni Nalla	85	11050	31°20'9.11"	77°19'22.65"
	Live Hedge	Karsog	Bagshad	Bagshad	D-111, Bagshad-1 Nalla	600	12000	31°17'55.93"	77°9'37.61"
	Live Hedge	Karsog	Bagshad	Parlog	Manjunalla	200	4000	31°16'59.05"	77°13'37.26"
	Live Hedge	Karsogs	Bagshad	Parlog	Chaklih Nala	170	3400	--	--
	Live Hedge	Karsog	Bagshad	Mahunag	Chalouni Nalla	550	11000	31°17'16.11"	77°14'39.72"
	Live Hedge	Karsog	Bagshad	Sapnot	Dech Nalla	550	11000	31°19'48.87"	77°10'50.90"



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	Live Hedge	Karsog	Bagshad	Kamand	Jhunjr Nalla	1000	20000	31°19'40.49"	77°13'49.63"
	Live Hedge	Seri	Seri	Nehrinal	Sihanj Nalla	600	12000	31°19'40.49"	77°13'49.63"
	Live Hedge	Seri	Seri	Nanj	Choa Nalla	250	5000	31°19'40.74"	77°20'9.40"
	Live Hedge	Seri	Seri	Dhamun	Kajjauni Nalla	400	8000	31°20'9.11"	77°19'22.65"
	Live Hedge	Pangna	Tattapani	Telehan	Ghavla Nala	950	19000	--	--
	C/o Check Dam	Karsog	Bagshad	Mahunag	Chalouni Nalla	3	23100	31°17'16.11"	77°14'39.72"
	C/o Check Dam	Karsog	Bagshad	Sapnot	Dech Nalla	4	30800	31°19'48.87"	77°10'50.90"
	C/o Check Dam	Karsog	Bagshad	Kamand	Jhunjr Nalla	4	49160	31°19'40.49"	77°13'49.63"
	C/o Check Dam	Seri	Seri	Nehrinal	Sihanj Nalla	5	61450	31°19'40.49"	77°13'49.63"
	C/o Check Dam	Seri	Seri	Nanj	Choa Nalla	4	49160	31°19'40.74"	77°20'9.40"
	C/o Check Dam	Seri	Seri	Dhamun	Kajjauni Nalla	4	30800	31°20'9.11"	77°19'22.65"
	C/o Crate Wall C/Dam	Karsog	Bagshad	Sapnot	Dech Nalla	2	40260	31°19'48.87"	77°10'50.90"
	C/o Crate Wall C/Dam	Karsog	Bagshad	Sapnot	Blaso	2	55560	31°19'48.87"	77°10'50.90"
	C/o Crate Wall C/Dam	Karsog	Karsog	Kakhan	Kangar Nalla	3	60390	31°21'42.67"	77°11'5.82"
	C/o Crate Wall C/Dam	Karsog	Mamail	Kashaul	Bhanach Nalla	1	20130	31°20'26.97"	77°16'3.47"
	C/o Crate Wall C/Dam	Karsog	Mamail	Kashaul	Bhanach Nalla	1	23840	31°20'26.97"	77°16'3.47"
	C/o Crate Wall C/Dam	Karsog	Mamail	Mehndi	Tharmi Nalla	1	20130	31°16'38.97"	77°19'52.13"
	C/o Crate Wall C/Dam	Karsog	Mamail	Mehndi	Tharmi Nalla	1	23840	31°16'38.97"	77°19'52.13"
	C/o Crate Wall C/Dam	Seri	Seri	Nehrinal	Khanyol Nalla	5	119200	31°18'9.66"	77°18'41.09"
	C/o Crate Wall C/Dam	Seri	Seri	Nanj	Choa Nalla	1	20130	31°19'40.74"	77°20'9.40"
	C/o Crate Wall C/Dam	Seri	Seri	Nanj	Choa Nalla	1	27780	31°19'40.74"	77°20'9.40"
	C/o Crate Wall C/Dam	Pangna	Tattapani	Talehan	Guma Khad	2	84580	31°15'24.97"	77°12'58.56"
	C/o WHS	Pangna	Tattapani	Talehan	Guma Nalla	1	300000	--	--
	C/o Farm Pound	Karsog	Bagshad	Dharmour	Thach Nalla	1	10000	--	--
	C/o Farm Pound	Karsog	Bagshad	Parlog	Balu Nalla	1	10000	--	--
	C/o Farm Pound	Seri	Seri	Nehrinal	Nehri Nalla	1	10000	--	--
	C/o WHS	Seri	Seri	Dhamun	Dhamun	1	300000	--	--
	C/o Farm Pound (Big)	Karsog	Karsog	Kamand	D-150 Jhao-Parala	1	25000	--	--



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	C/o Farm Pound (Big)	Karsog	Mamail	Mehndi	Majhol	1	25000	--	--
	C/o Farm Pound (Big)	Karsog	Mamail	Mehndi	Majhol	1	25000	--	--
	C/o Farm Pound (Big)	Karsog	Mamail	Bhanera	Bagain	1	25000	--	--
	C/o Farm Pound (Big)	Karsog	Mamail	Kakhan	Kanjol	1	25000	--	--
	C/o Farm Pound (Big)	Karsog	Karsog	Sapnot	Blaso	1	25000	--	--
	C/o Farm Pound (Big)	Karsog	Mamail	Mamail	Daludhar	1	25000	--	--
	C/o Farm Pound (Big)	Karsog	Mamail	Ghaliach	Dhara Seri	1	25000	--	--
	C/o Farm Pound (Big)	Karsog	Karsog	Shankar Dehra	Jagatkhana	1	25000	-	--
	C/o Farm Pound (Big)	Karsog	Karsog	Khanukhali	Kalidoghari	1	25000	--	--
	C/o Farm Pound (Small)	Karsog	Bagshad	Sapnot	Balaso	1	10000	--	--
	C/o Farm Pound (Small)	Karsogs	Mamail	Kashaul	Batuni	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Mamail	Bhanera	Bagain	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Karsog	Kakhan	Chakrant	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Karsog	Sanarli	Jhour	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Mamail	Mamail	Sursi	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Mamail	Mamail	Dhalog	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Mamail	Ghaliach	Latheri	2	20000	--	--
	C/o Farm Pound (Small)	Seri	Seri	Nanj	Paro	4	40000	--	--
	C/o Farm Pound (Small)	Karsog	Karsog	Shankar Dehra	Lambidhar	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Karsog	Shankar Dehra	Khalyach	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Karsog	Khanukhali	Raigarh	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Karsog	Khanukhali	Narti	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Karsog	Dofha	Rikki	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Karsog	Dofha	Bajarana	1	10000	--	-
	C/o Farm Pound (Small)	Karsog	Mamail	Mamail	Lol	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Mamail	Mamail	Hola	1	10000	--	--



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	C/o Farm Pound (Small)	Karsog	Mamail	Mamail	Chatrela	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Mamail	Mamail	Sanahar	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Bagshad	Bagshad	Bagshad	1	10000	--	--
	C/o Farm Pound (Small) q	Karsog	Bagshad	Parlog	Kashot	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Bagshad	Parlog	Duru	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Bagshad	Parlog	Galeda	1	10000	--	--
	C/o Farm Pound (Small)	Karsog	Bagshad	Parlog	Hiru	1	10000	--	--
					Total	15647	2717810		
Research, Training & Capacity Building									
Infrastructure & Forest Protection									
	Major maint. of old building I-Hut Sanarli	Karsog	Karsog	Kakhan	I-Hut Sanarli	1	500000	--	--
	Major repair of DFO Residence	Karsog	Karsog	Kakhan	Karsog	1	1200000	--	--
	Major repair of approach road from Bus stand to DFO Residence	Karsog	Karsog	Kakhan	Karsog	1	500000	--	--
	Repair of Karsog Range Compound	Karsog	Karsog	Kakhan	Karsog	1	250000	--	--
	Maintenance of DFO Office	Karsog	Karsog	Kakhan	Karsog	1	500000	--	--
	Maint. of type I Qtr. 2 Sets.	Karsog	Karsog	Kakhanq	Karsog	1	400000	--	--
	Major Maint. of F.G.H.Pakhridar	Karsog	Karsog	Karsog	Khanukhali	1	300000	--	--
	Repair of I,Hut Bagsad	Karsog	Bagsag	Bagsad	Bagsad	1	200000	--	--
	Repair of I.Hut Kandi	Karsog	Mamail	Kashol	KandiQ	1	200000	--	--
	ii) Purchase of Fire Fighting Equipments	--	--	--	Karsog Forest Division	0	500000	--	--
	iii) Hiring of vehicles during Fire Season	--	--	--	--	0	100000	--	--



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	vi) Cultural Operations (Contour Bunding Tending Operation, Pruning Bush Cutting)	--	--	--	Karsog Forest Division	0	300000	--	--
	Repair of B/path from Chaira to Parlog	Karsog	Bagshad	Parlog	Parlog	6 Km	400000	--	--
	Repair of B/path from Mahunag to Bag	Karsog	Bagshad	Mahunag	Mahunag	1.5 Km	100000	--	--
	Repair of B/path from Tatmo to Chaira	KarsogQ	Bagshad	Mahunag	Mahunag	6 Km	400000	--	--
	Repair of Path from Lashog to Dhalog	Karsog	Mamail	Mamail	Mamail	1.5 Km	400000	--	--
	Repair of Village Path from Kothi Thanaar to Murala	Karsog	Karsog	Khanukhali	Khanukhali	1 Km	90000	--	--
	Repair of Village Path from Narthi to Barsoa	Karsog	Karsog	Khanukhali	Khanukhali	1 Km	150000	--	--
	Repair Vilage from Inpection Hut Sanarli to Jhar via Saryogi Village	Karsog	Karsog	Sanarli	Sanarli	2 Km	180000	--	--
	Repair of B/path from Mashogla to Judli	Karsog	Karsog	Kakhan	Kakhan	3 Km	300000	--	--
	Repair of B/path from Tenj to Beludhar	Seri	Seri	Nehrinal	Nehrinal	6 Km	500000	--	--
	Repair of B/path from Mamla to Paidhar	Seri	Seri	Nanj	Nanj	5 Km	400000	--	--
	Repair of B/path from Balidhar to Damehal	Seri	Seri	Dhamun	Dhamun	3 Km	300000	--	--
	Repair of B/path from Marola to Chintla	Pangna	Tattapani	Talehan	Talehan	2 Km	200000	--	--



Name of Activity	Name of works	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy. (Ha. No. Site & cum etc.)	Fin.	Lat.	Long.
	v) Inverter in offices	--	--	--	Karsog Forest Division	L/s	250000	--	--
					Total	47	8620000		
Wildlife Activate									
	ii) Help resolve man-animal conflict with emphasis on social and environmental justice especially for farmers	--	--	--	Karsog Forest Division	L/s	125000	--	--
Other Works									
	iii) Misc. Office Furniture, Almirahs, Fire racks etc.	--	--	--	Karsog Forest Division	L/s	400000	--	--
	iv) Maintenance of machinery and equipments	--	--	--	Karsog Forest Division	L/s	250000	--	--
	v) Inverter in offices	--	--	--	Karsog Forest Division	L/s	250000	--	--
	viii) CCTV Cameras All Ranges & Divisional Office	--	--	--	Karsog Forest Division	L/s	250000	--	--
	Development Ecotourism site Raigarh	Karsog	Karsog	Khanukhali	Raigarh	L/s	650000	--	--
	Joint Forest Management and Micro Planning	--	--	--	Karsog Forest Division	L/s	500000	--	--
Nursery Infrastructure									
	Infrastructure Development	Karsog	Mamail	Mehandi	Mehandi	1	1000000	N31*16'378"	E077*15'968"
	Infrastructure Development	Seri	Seri	Niharinal	Chaned Nal	1	1200000	N31*18'39"	E077*18'12"
					Total	2	2200000		
					Total		13537810		
					Total Karsog		15737810		



APO under IWMP for the year 2022-23

Sr. No.	Name of Plans	Amount in Rs.	
		Amount	Remarks
1	Conservation and Protection of Protected area	150200000	
2	Flora and Fauna in and around GHNP Shamshi	13600000	
	Total IWMP	163800000	



Abstract of APO for conservation and protection of protected area in HP for the year 2022-23				
Name of Circle	Name of Division	Name of Sanctuary	Proposed APO	Remarks
1	2	3	4	5
Pr. CCF (WL) HP	DFO Hqrs	DFO Hqrs	13095489	
CCF (WL) D/Shala	Total DFO Hqrs		13095489	
	Chamba	Tundah	1326000	
		Gungul- Sieybhei	3570000	
		Kugti	4670000	
		Sachu- Tawan	4029000	
		Kalatop	990000	
	Total Chamba		14585000	
	Hamirpur	Pong Dam	1630000	
		Dhuladhar	5295000	
		Gopalpur Zoo	1520000	
		Vulture	1335000	
	Total Hamirur		9780000	
Total D/Shala WL Circle		24365000		
CCF (WL) Shimla	Shimla	Simbalbara	1379000	
		Majthal	1612500	
		Shimla Water Catchment	2420000	
		Chail	1800000	
		Renuka Ji	2400000	
		Talra	2000000	
		Renuka Zoo	1940000	
		CBC Chail	1780000	
		Kufri HNP	2520000	
		RRC Tutikandi	1197000	
	Churdhar	2200000		
	Total Shimla		21248500	
	Sarahan	Darahghati	4768040	
		Rupi- Bhaba	5865000	
		Lippa- Asrang	3170160	
Rackham- Chitkul		7481700		
Sarahan Pheansatry		1907400		
Total Sarahan		23192300		



	Kaza	PVNP Kaza	5350000	
		Kibber	5925000	
		Chandertal	2720000	
	Total Kaza		13995000	
	Total Shimla WL Circle		58435800	
CF GHNP Shamshi	GHNP	GHNP	21741000	
		Total GHNP	21741000	
	Kullu	Kais	1964800	
		Bandli	1877800	
		Kanwar	4713400	
		Khokhan	1881900	
		Manali	1861500	
		Nargu	4722100	
		Shikari Devi	11798311	
		Mini Zoo Rewlasar	1380000	
		Nehru Pheasntary Manali	1370000	
		CBC Manali	820000	
	Total Kullu		32389811	
	Total GHNP Circle		54130811	
G. Total PAs		150200000		



DFO HQRS. WILDLIFE O/o Pr. CCF (WL) HP					
Item of work/activity	Unit	Rate per unit (in Rs.)	Targets		Remarks
			Phy.	Fin. (in Rs.)	
1	2	3	4	5	6
Name of Circle - PRINCIPAL CCF (WILDLIFE) SHIMLA HIMACHAL PRADESH.					
Name of Division - DFO HQRS. WILDLIFE					
Habitat improvement				500000	
Capacity Building/Training/Research and Monitoring.					
Study and Research on Population abundance conflict landscape formulating and adoption of strategies for conflict management for common leopard and Asiatic Bears	L/S	LS	LS	4040960	
Western Himalayan Temperate Arboretum (WHTA) , Potters Hill, Shimla (Phase-II)	L/S	L/S	L/S	1700000	
Sub-Total				5740960	
Human Wildlife animal conflict					
Compensation for rights settlement in NPs/Sanctuaries and Animal Conflict	L/S	L/S	L/S	6272489	
Reserve amount with Pr.CCF.WL.& CWLW. H.P.	L/S	L/S	L/S	282040	
Sub- Total				6554529	
Operational				300000	
G.Total				13095489	



PROPOSED ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF TUNDAH WLS						
Item of Work	Unit	Rate per unit	Total		Location	
			Phy	Fin	Lat	Long
Non Recurrent Activities						
Infrastructure Development						
Construction of New building & other structures						
Dormitory						
C/o Garbage collection tank near Banni Mata	1	200000	1	200000		
Total:-	1	0	0	200000		
Construction of New Roads/Paths						
Total Infrastructure Development				200000		
Habitat improvement						
Nursery						
Raising of nursery plants, etc (Mandha)	No.	L/s	L/s	60000		
Total Nursery				60000		
Soil & moisture conservation						
Constt.of water pond at Tandai Dhar	No.	100000	1	100000	32°31'46"	76°25'43"
Constt.of check wall at Digolla DPF	No.	20000	5	100000	32°33'20"	76°29'16"
Constt.of check wall at chunjala DPF	No.	20000	5	100000	32°33'20"	76°29'49"
Constt.of check wall at Banni Nallah	No.	20000	5	100000	32°32'54"	76°27'28"
constt.of water pond at Chilota Dhar	No.	100000	1	100000	32°32'10"	76°29'18"
Total Soil & Moisture Conservation				500000		
Total habitat Improvement				560000		



Capacity Building/Training/ Research & Monitoring					
Survey/Census/ Estimation of Flora & Fauna					
Research & Monitoring					
Training					
Workshop/Seminars	0	0	0	50000	
Total Training	0	0	0	50000	
Staff welfare activities					
Other ammenties to staff	0	0	0	40000	
Total Capacity Building/Training/ Research & Monitoring	0	0	0	90000	
Wildlife Protection and Conservation Activities					
Protection					
Deployment of Antipoachers and Antigrazers	MD	375	240	90000	
Fire watchers	MD	375	240	90000	
Hiring of vehicles for patrolling and nakas etc.	NO.	L/S	L/S	20000	
Total Wildlife Protection & Conservation				200000	
Education and Awareness Generation					
Wildlife week and other awarness programme	No.	L/S	L/S	30000	
Total Education & awarness Generation				30000	
Wildlife Tourism Management					
Human-wild animal Conflict					
Engaging people for monitoring and Driving away of problematic wild animals	0	0	0	46000	
Total Human-wild animal Conflict				46000	
Total Non-Recurring				1126000	
Infrastructure Development					



Habitat improvement					
Maintenance of Nursery					
Maintenance of Mandha Nursery	no	100000	1	100000	
Total Maint of Nursery	0	0	0	100000	
Total Habitat management				100000	
Capacity Building/Training/ Research & Monitoring					
Survey/Census/ Estimation of Flora & Fauna					
Total Survey/Census/Estimation of Flora/Fona				0	
Research & Monitoring					
Total Research & Mointoring	0	0	0	0	
Training					
Exposure visits	1	0	0	20000	
Total Training	0	0	0	20000	
Staff welfare activities					
Hiring of staff					
Total Capacity Building/Training/ Research & Monitoring				20000	
Wildlife Protection and Conservation Activities					
Protection					
Antipoaching Camps	No.	L/s	L/s	40000	
Rashan To Patrolling Staff	No.	L/s	L/s	20000	
Total Wildlife Protection and Conservation Activities				60000	
Education and Awareness Generation					
Wildlife Tourism Management					
Total Wiild life Tourism management					
Field equipment					
Total Field Equipment				0	
Human-wild animal Conflict					
TOTAL RECURRENT				200000	
G. Total:-				1326000	



PROPOSED ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF GUMGUL SIYA BEHI WLS							
S. No.	Item of Work	Unit	Rate per unit	Total		Location	
				Phy	Fin	Lat	Long
	Non Recurrent Activities						
	Infrastructure Development						
	Construction of New building & other structures						
	C/o of Temporary Store near FGD Hut Sanghani	No.	L/ s	1	100000	N-32°49'46.6"	E-075°54'56.6"
	Total A.1	.	.	1	100000		
	Construction of New Roads/Paths						
	Management road	0	0		0		
	Total:-	0			0		
	Total:-				100000		
	Habitat improvement	0					
	New	0					
	Plantation						
	Pasture improvement	Hac.	45000	4	180000		
	Total:-	0			180000		
	Nursery	0					
	Raising of nursery	No.		1	150000	N-32°46'33.5"	E-075°56'52.6"
	Total:-	0			150000		
	Soil & moisture conservation	0					
	C/o Check Wall at Khalthera RF	No	L/S	8	100000	N-32°48'07"	E-075°56'48"
	C/o Check Wall at Ranjal RF	No	L/S	8	100000	N-32°51'47"	E-075°52'54.1"



C/o Check wall at Khornu	No	L/S	8	100000	N-32°52'22"	E-075°55'12.0"
C/o Check wall at Gagli RF	No	L/S	8	100000	N-32°53'04"	E-075°50'34"
C/o Bunker at Thathi Dhar	No	L/S	1	100000	N-32°48'54"	E-075°56'33"
C/o Bunker at Kiara Dhar	No	L/S	1	100000	N-32°53'58"	E-075°53'25"
C/o Water pond at Thathi Dhar	No	L/S	1	90000	N-32°48'54"	E-075°56'33"
C/o Water pond at Kiara Dhar	No	L/S	1	90000	N-32°53'58"	E-075°53'25"
C/o Water pond at Fihjal	No	L/S	1	90000	N-32°52'12"	E-075°54'54"
C/o Water pond at Beda Bajubag	No	L/S	1	90000	N-32°52.23"	E-075°48'29"
Total:-				960000		
Total AII				1290000		
Capacity Building/Training/ Research & Monitoring						
Survey/Census/ Estimation of Flora & Fauna						
Total:-						
Hiring of staff						
Data entry operators	0	0	0	10000		
Total:-	0	0	0	10000		
Total AIII				10000		
Wildlife Protection and Conservation Activities						
Protection						
Deployment of Antipoachers and Antigrazers	Days	300	330	99000		
Fire watchers	Days	300	330	99000		
Total:-	0	0	0	198000		



Education and Awareness Generation						
Wildlife week and other awareness programme	L/S	0	L/S	30000		
Publicity material	L/S	0	0	20000		
Total:-	0	0		50000		
Wildlife Tourism Management						
Field equipment						
Survey & Demarcation						
Protection						
Field Jacket, Shoes, Snow kit etc.	0	0	0	25000		
Total:-	0	0	0	25000		
Office expenses						
Stationary, Electricity bills etc	0	0	0	22360		
Total:-	L/S	0	0	22360		
Community Development through Participation						
Skill development training and exposure visits	L/S		0	50000		
Total:-	L/S	0	0	50000		
Human-wild animal Conflict						
Engaging people for monitoring and Driving away of problematic wild animals	0	0	0	50000		
Total:-				50000		
Total Non Recurring				1795360		
Infrastructure Development						
Maintenance & repair of building & other structures						



R/o FGD hut at Bhandal	No	L/S	1	100000	N-32°47'47.1"	E-075°56'03.8"
R/o FGD hut Bir	No	L/S	1	90000	N-32°52'31.2"	E-075°51'57.1"
R/o FGD hut langera	No	L/S	1	90000	N-32°52'31.2"	E-075°51'57.1"
R/O Range Store at bhandal	No	L/S	1	50000	N-32°47'47.1"	E-075°56'03.8"
R/O FGD Hut at Sanghani	No	L/S	1	90000	N-32°49'46.6"	E-075°54'56.6"
Total:-				420000		
Maintenance of Roads/Paths						
Maints. B/Path Kalthera to Chambi	Km	25000	3	75000		
Maints. B/Path Roula to Gullu Di Mandi	Km	25000	3	75000		
Repair of Census path from Bir RFC1 to Kiara Dhar	Km	25000	3	75000		
Repair of Census path from gagli to Suppacholu	Km	25000	3	75000		
TotalBI	0	0	0	300000		
Habitat improvement						
Maintenance of Plantation						
Maint. Of 1st year pasture Talei DPF	Hact.	4940	3	14820	N-32°52'28"	E-075°50'10"
Maint. Of 1st year pasture Chota Bajubag	Hact.	4940	2	9880	N-32°53'15"	E-075°50'45"
Maint. Of 1st year medicinal Talei DPF	Hact.	4940	1	4940	N-32°52'28"	E-075°50'10"
Maint. Of 2nd year medicinal Jai Dhar	Hact.	3290	2	6580		



Maint. Of 2nd year medicinal Sontghith Dhar	Hact.	3290	2	6580		
Maint. Of 2nd year medicinal SiyabheiDhar	Hact.	3290	2	6580		
Maint. Of 2nd year medicinal Suppachcholu Dhar	Hact.	3290	2	6580		
Maint. Of 3rd year medicinal Doda Dhar	Hact.	1640	4	6560		
Maint. Of 3rd year medicinal Bir RFC-II	Hact.	1640	4	6560		
Maint. Of 3rd year medicinal Gamgul Dhar	Hact.	1640	4	6560		
Total:-			26	75640		
Maintenance of Nursery						
Maintenace of nursery plants, etc	No	L/S	1	200000	N-32°46'33.5."	E-075°56'52.6"
Total				200000		
Soil & moisture conservation						
Others						
Total of B II				200000		
Training	0	0	0	0		
Training of field staff - wildlife techniques and nurseries etc,	0		0	30000		
Exposure visits	0	0	0	30000		
Workshop/Seminars	0	0	0	50000		
Staff welfare activities						
Hiring of staff						
Total B III	0	0	0	110000		
Wildlife Protection and Conservation Activities						
Protection						



Deployment of Antipoachers and Antigrazers	0	300	340	102000		
Fire watchers	0	300	340	102000		
Hiring of vehicles for patrolling and nakas etc.	0	0	0	25000		
Grouo Paterolling with Ration to Petrolling front line staff	0	0	0	40000		
Total B IV	0	0	0	269000		
Education and Awareness Generation						
Total	0	0	0	0		
Wildlife Tourism Management						
Community Development through Participation						
Community welfare activities (Providing LPG, Pressure cookers, induction, bore well, Solar Lights etc)	0	0	0	200000		
Total	0	0	0	200000		
Human-wild animal Conflict						
Veterinary facilities						
Total				0		
Sub Total Recurrent				1774640		
Sub Total Recurrent and Non Recurrent				3570000		
G.Total				3570000		

PROPOSED ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF KUGTI WLS



S. No.	Item of Work	Unit	Rate per unit	Total		Location	
				Phy	Fin	Lat	Long
	Non Recurrent Activities						
	Infrastructure Development						
	Construction of New building & other structures	0	0	0	0		
	C/o Bunker at Buhar Dhar	No	100000	1	100000	32°28'44"	76°42'34"
	C/o Bunker at Kugti Pass	No	100000	2	200000	32°26'53"	76°38'37"
	Total:-	0	0	0	300000		
	Construction of New Roads/Paths						
	Management road						
	C/o Foot Bridge at Lahal near kugti	No	200000	1	200000		
	Total:-	0	0	0	200000		
	Total Infrastructure Development				500000		
	Habitat improvement						
	New Plantation						
	Natural Plantation Wooden fencing at Bihanu D.P.F	Hac	24000	10	240000		
	Total Plantation				240000		
	Nursery						
	Raising of nursery plants, etc	No.	L/s	L/s	50000		
	Total Nursery				50000		
	Soil & moisture conservation						
	Plantation of Bio-engineering species						
	Constt.of check wall at Kugti RF II	No.	20000	5	100000	32°26'51"	76°38'52"
	Constt.of check wall at Dharoul RF	No.	20000	5	100000	32°27'59"	76°38'59"
	Constt.of check wall at Bhonkal Dhar	No.	20000	5	100000	32°29'16"	76°44'12"
	Constt.of check wall at Kangru RF	No.	20000	5	100000	32°27'26"	76°42'59"
	constt.of check wall at Dhamel Dhar	No.	20000	5	100000	32°26'11"	76°45'10"
	constt.of check wall at Tanthu DPF	No.	20000	5	100000	32°28'37"	76°42'24"
	constt.of check wall at Hali Dhar	No.	20000	5	100000	32°29'27"	76°39'13"
	constt.of check wall at Goon the Goth DPF	No.	20000	5	100000	32°27'31"	76°38'18"



C/o Water pond at Kangru RF	No.	90000	1	90000	32°27'51"	76°42'26"
C/o Water pond at KUGTI RF-1	No.	90000	1	90000	32°26'46"	76°38'27"
C/o Water pond at Nanoon Dhar	No.	90000	1	90000	32°29'53"	76°44'58"
Repair of Water Pond at Kangru Nalla	No.	30000	1	30000	32°26'14"	76°43'07"
Repair of Water Pond at Heg Dhar	No.	30000	1	30000	32°25'35"	76°42'18"
Repair of Water Pond at Baggi Dhar	No.	30000	1	30000	32°23'54"	76°46'18"
Total Soil & Moisture Conservation				1160000		
Others						
Removal of Plastic & solid waste from Hadsar to manimahesh lake	0	0	0	50000		
Total other				50000		
Total habitat Improvement				1460000		
Capacity Building/Training/ Research & Monitoring						
Survey/Census/ Estimation of Flora & Fauna						
Survey and Census of Flora and Fauna	NO	L/S	L/S	50000		
Total Survey/Census/Estimation of Flora/Fona	0	0	0	50000		
Training						
Workshop/Seminars	no	L/S	L/S	100000		
Total Training	0	0	0	100000		
Total Capacity Building/Training/ Research & Monitoring	0	0	0	150000		
Wildlife Protection and Conservation Activities						
Protection						
Deployment of Antipoachers and Antigrazers	MA NDA YS	375	600	225000		
Fire watchers	MA NDA YS	375	300	112500		
Hiring of vehicles for patrolling and nakas etc.	NO.	L/S	L/S	75000		
Antipoaching Camps	NO.	L/S	L/S	150000		



Total Wildlife Protection & Conservation					562500		
Education and Awareness Generation							
Wildlife week and other awareness programme	No.	L/S	L/S		30000		
Publicity Material		L/S	L/S		150000		
Total Education & awareness Generation					250000		
Field equipment							
Survey & Demarcation							
GPS, Trap Cameras etc	0		0	0	100000		
Monitoring							
Protection							
Field Jacket and Shoes etc.	0	L/s	L/s		60000		
Total Field Equipment					160000		
Human-wild animal Conflict							
Engaging people for monitoring and Driving away of problematic wild animals during winter	0		0	0	50000		
Total Human-wild animal Conflict					50000		
Total Non Recurring					3132500		
Infrastructure Development	0						
Maintenance & repair of building & other structures	0						
Maint. Of Range office cum residence	1		200000	1	200000	32°26'59"	76°31'20"
Maint of Manimahesh Parikarma near Dham Ghodi	No		150000	1	150000		
Total					350000		
Maintenance of Roads/Paths							
Management road							
Maint of Bridle paths from Kugti to Lihass	Km		25000	4	100000	32°28'08"	76°42'23"
Maint of Bridle paths from Deosa to Hali Dhar	Km		25000	4	100000	32°28'31"	76°41'16"
Maint of Inspection paths from Hulani to Hali Dhar	Km		25000	4	100000	32°27'23"	76°38'31"
Total Maint of Road/Paths					300000		
Total Infrastructure Development					650000		
Habitat improvement							
Maintenance of Nursery							



Maintenance of Kugti Nursery	no	100000	1	100000	
Total Maint of Nursery	0	0	0	100000	
Total Habitat management				100000	
Hiring of staff					
Data entry operators, Drivers, Boatman, Reserchers, Animal attendant, Zoo biologist, etc	no	L/s	L/s	20000	
Total Hiring of staff				20000	
Total Capacity Building/Training/ Research & Monitoring				20000	
Wildlife Protection and Conservation Activities					
Protection					
Deployment of Antipoachers and Antigrazers	Man days	375	220	82500	
Fire watchers	Man days	375	200	75000	
Maintenance of Watch towers	0	0	0	0	
maintenance of fire lines	0	0	0	0	
Hiring of vehicles for patrolling and nakas etc.	No	L/s	L/s	30000	
Antipoaching Camps	No.	L/s	L/s	60000	
Rashan To Patrolling Staff	No.	L/s	L/s	50000	
Total Wildlife Protection and Conservation Activities				297500	
Field equipment					
Total Field Equipment					
Office expenses					
Statonary, Electricity bills etc	No.	L/s	L/s	30000	
Total office Expenses	0	0	0	30000	
Community Development through Participation					
Community welfare activities (Providing LPG, Pressure cookers, induction, bore well, Solar light etc)	0	0	0	400000	
Total Community Development through participation				400000	
Human-wild animal Conflict					
Training to staff	0	L/s	L/s	40000	



Total Human Wild life conflict				40000		
TOTAL RECURRENT				1537500		
G.Total Recureent & Non Recurrent				4670000		
G. Total:-				4670000		

PROPOSED ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF SAICHU TWAN NALLA WLS

S. No.	Item of Work	Unit	Rate per unit	Total		Location	
				Phy	Fin	Lat	Long
Non Recurrent Activities							
Infrastructure Development							
Construction of New building & other structures							
	C/o Protection Wall Behind Range office cum Residence	No	0	1	100000	076°33'42.93"	32°57'46.36"
	C/o Protection Wall Behind BO Qtr.	No	0	1	100000	076°33'42.93"	32°57'46.36"
	C/o Boundry Wall Back Side of FRH Chask Bhatori	0	0	1	100000	076°37'46"	32°56'2.08"
	C/o Protection Wall Behind I/Hut Twan	No		1	100000	076°36'879"	33°01.681"
	Total Aia	0	0	0	400000		
Construction of New Roads/Paths							
	Foot Bridge at Chask Bhatori	L/S			200000		
	Total Management road	0			200000		
	Total A.1 INFRASTRUCTURE DEVELOPMENT	0			600000		
Nursery							
	Raising of nursery plants, as per new protocol etc	No.	1000	1	100000	076°35'17.06"	33°00'27.8"
	Total Nursery	0			100000		
Soil & moisture conservation							



Construction of Checkwalls at Chask Bhatore Nallah	No.	1800 0	5	90000	076° 37' 48.41"	32° 54' 57.16"
C/o Protection Wall in Shidhani Nallah	No	1800 0	5	90000	076° 34' 38.9"	32° 57' 32"
C/o Camping site at Shidhani	No.	L/S	1	100000	076° 34' 19.29"	32° 59' 07.31"
C/o Check wall at Harvin nallah	No.	1800 0	5	90000	32° 58' 85"	076° 36' 90.09"
C/o Resting Place at Harvin Dhar	No	5000 0	2	100000	32° 58' 34"	076° 36' 78.43"
C/o of I/Path Chask Bhatore to Harvin Dhar From RD No. 3/500 to 5/500	K M	5000 0	2	100000	076° 37' 77.0"	32° 54' 37.16"
C/o of Check wall Harvin Nallah	No.	1800 0	5	90000	32° 57' 85.03"	076° 37' 78.90"
C/o Check wall at Gajroon Nallah	No	2200 0	4	88000	076° 35' 846"	32° 56' 334"
C/o Check Wall Chask Bhatore Nallah Upper Part	No.	1800 0	5	90000	076° 37' 38.41"	32° 54' 97.14"
C/o Resting Place at Traund Dhar	No	5000 0	2	100000	076° 37' 26.3"	33° 03' 58.6"
C/o Protection wall in Jammu Nallah Part-I	No.	1800 0	5	90000	076° 37' 366"	33° 01' 680"
C/o Camping site Jammu Nallah	No.	5000 0	1	100000	076° 37' 34.80"	33° 01' 64.51"
C/o Check wall at Topiun Dhar	No.	1800 0	5	90000	076° 32' 155"	33° 02' 678"
C/o Protection Wall behind Chiroti Village	NO.	1800 0	5	90000	076° 34' 06.45"	33° 01' 22.51"
C/o Check wall at Gal Dhar	No.	1800 0	5	90000	076° 38' 058"	32° 01' 032"
Total Soil & Moisture Conservation				1398000		
Capacity Building/Training / Research & Monitoring						
Hiring of staff						
Data entry operators	Man days	50	300	15000		



Total Capacity Building/Training /Research & Mointoring	0	0	0	15000		
Wildlife Protection and Conservation Activities						
Protection						
Hiring of vehicles for patrolling and nakas etc.	NO	0	L/S	20000		
Total Wildlife Protection & Conservation	0	0	0	20000		
Education and Awareness Generation						
Wildlife week and other awarness programme	NO	L/S	L/S	50000		
Total Education & awarness				50000		
Wildlife Tourism Management						
Completion of I/Hut Twan and C/o out House at twan and rataining wall	No	6091 000	1	662600	076°36'879"	33°01'681"
Publicity/books/magazines/ Websites	0	0	0	50000		
Total Wildlife Tourism Management	0	0	0	712600		
Field equipment						
Survery & Demarcation						
Field Jacket, Uniform etc.	No.	L/S	0	30000		
Total Field Equipment	0	0	0	30000		
Office expenses						
Statonary, Electricity bills etc	NO	0	0	24900		
Total office Expenses	0	0	0	24900		
Community Development through Participation						
Human-wild animal Conflict						



Engaging people for monitoring and Driving away of problematic wild animals during winter	0	0	0	50000		
Total man Wild Animal Conflict				50000		
Total Non Recurring	0	0	0	3000500		
Recurrent expenditure						
Infrastructure Development						
Maintenance & repair of building & other structures						
Repair of out House Sechu	No.	1	L/S	100000	076° 33' 42.93"	32° 57' 46.36"
Repair of Boundary wall at FRH Chask Bhatari	No	1	L/S	100000	076° 37' 46"	32° 56' 2.08"
Total Infrastructure Development				200000		
Maintenance of Roads/Paths						
Repir of B/Path from Sechu to Harvin From RD No.2/00 to 4/00	km	5000 0	2	100000	076° 37' 44"	32° 56' 34.08"
Spp. Repair of I/Path Twan Vilage to Jammu Dhar	km	5000 0	2	100000	076° 36' 06.45"	33° 01' 49.51"
Total Maint of Road/Paths	0	0	0	200000		
Total B.I				400000		
Habitat improvement						
Maintenance of						
Plantation						
Maintenance of Nursery						
Maintenance of nursery plants, etc	No	8500 0	2	170000	76° 37' 185"	33° 01' 958"
Total	0	0	0	170000		
Soil & moisture conservation						
Capacity Building/Training / Research & Monitoring						
Training						



Training of field staff - wildlife techniques						
Exposure visits	0	0	0	41000		
Workshop/Seminars	0	0	0	60000		
Training on forensic and wildlife crimes	0	0	0	0		
Training on Disaster management	0	0	0	0		
Total Training	0	0	0	101000		
Hiring of staff						
Total Capacity building/Training/ Research & Mointorin	0	0	0	101000		
Wildlife Protection and Conservation Activities						
Protection						
Deployment of Antipoachers and Antigrazers		375	240	90000		
Fire watchers		375	180	67500		
Maintenance of Watch towers	0	0	0	0		
Total Wildlife Protection and Conservation Activities	0	0	0	157500		
Field equipment	0			0		
Field equipment etc.				50000		
Total equipment	0	0	0	50000		
Community Development through Participation						
Community welfare activities (Providing LPG, Pressure cookers, induction, bore well, solar lights, Trainings etc)	0	0	0	150000		
Total Community Development	0	0	0	150000		



through participation					
Sub Total Recurrent				1028500	
G.Total				4029000	

PROPOSED ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF Kalatop-Khajjiar WLS

S. No.	Item of Work	Unit	Rate per unit	Total		Location	
				Phy	Fin	Lat	Long
	Non Recurrent Activities						
	Infrastructure Development						
	Soil & moisture conservation						
	Constt.of check wall at Khajjiar	No.	25000	4	100000	N-32°32.479'	E-76°03.346'
	Constt.of check wall at Lakkarmandi	No.	25000	4	100000	N-32°32'41"	E-76°01'28"
	Constt.of check wall at Kalatop	No.	25000	4	100000	N-32°33'03"	E-76°00'59"
	Total Soil & Moisture Conservation				300000		
	Others						
	Removal of Plastic & Solid waste management	No.	L/s	L/s	30000		
	Total other				30000		
	Total habitat Improvement				330000		
	Capacity Building/Training/ Research & Monitoring						
	Staff welfare activities						
	Other ammenties to staff (field jacket, Shoes and etc)	no	L/s	L/s	50000		
	Education and Awareness Generation						



Wildlife week and other awareness programme	No.	L/S	L/S	30000	
Publicity Material	0	0	0	0	
Total Education & awareness Generation				30000	
Total Non-Recurring				410000	

PROPOSED ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF PONG DAM LAKE WILDLIFE SANCTUARY							
S. No.	Item of Work	No.	Unit	Rate per unit	2022-23		Location
					Phy	Fin	
	Recurrent expenditure						
	Infrastructure Improvement						
1	Additional Works in Interpretation Centre at Nagrota surian	1	1	L/S	1	1000000	
	Sub Total					1000000	
	Maintenance and repair of Building & other structure						
1	Maint. of Watch Tower	L/S	L/S	L/S	L/S	50000	
2	Minat.of Paths	L/S	L/S	L/S	L/S	50000	
3	Maint. of Nature Awareness Centre Jawali	L/S	L/S	L/S	L/S	50000	
	Sub Total					150000	
	Capacity Building/Training/ Research & Monitoring Survey/Census/ Estimation of Flora & Fauna						
1	Migratory Birds Survey(fortnightly)	1	No	L/S	1	100000	PDLWS
2	Annual Bird counting of migratory birds	1	No	L/S	1	100000	PDLWS
	Sub Total					200000	
	Hiring of staff						
1	Engagement of Boatman (outsourcing)					250000	
	Sub Total					250000	
	Wildlife Protection and Conservation Activities						
	Protection						
5	Collection of Smapple for Bird Flu	L/S	L/S	L/S	L/S	30000	
	Sub Total					30000	
	Education and Awareness Generation						
	Wildlife Tourism Management						
	Survey & Demarcation						



Sub Total							
Office expenses	L/S	L/S	L/S	L/S	0		
Publicity							
Human-wild animal Conflict							
Contingency	L/S	L/S	L/S	L/S	0	WL	Range Dhameta
G. Total					1630000		

ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF DHAULADHAR WILDLIFE SANCTUARY						
S. No.	Item of Work	Unit	Rate per unit		Total 2022-23	
			2022-23		Phy	Fin
	Non Recurrent Activities					
	Infrastructure Development					
	Construction of New building & other structures					
1	Construction of Steel Brigde over Uhl Khad at Palachak at Rd 5710 on Raj Gundha Bara Bhangal track/bridle path in Bir	No.	LS		1	3700000
	Construction of New Roads/Paths					
	Habitat Improvement					
1	Pasture Development in Bakker Kiyara UP 127P	10 Hac.	25000		5	150000
	Soil & moisture conservation					
1	Check Dams	No.	19000		10	190000
2	Breast walls/ Retaining wall	No.	L/S		167 mtr	150000
	Others					
	C/o Boundary pilars	LS	L/s		L/s	50000
	Capacity Building/Training/ Research & Monitoring					
	Survey/Census/ Estimation of Flora & Fauna					
	Hiring of staff					
	Wildlife Protection and Conservation Activities					
	Protection					
1	Antipoaching activity		L/S		L/S	100000
2	Hiring of vehicles	LS	0		0	25000
	Education and Awareness Generation					
1	Publicity material	LS	0		l/s	50000
	Wildlife Tourism Management					
1	Celebration of Wildlife Week				L/S	50000
	Field Equipments				L/S	300000



	Office expenses				
1	Stationary, Electricity bills etc	LS	0	0	25000
	Community Development through Participation				
I	Strengthening of livelihood	LS	LS	LS	50000
	Human-wild animal Conflict				
	Recurrent expenditure				
	Infrastructure Development				
	Maintenance & repair of building & other structures				
1	Maint of Mali Hut	LS	LS	LS	75000
2	Maintainance of Inspection Hut at Plachak (Kitchen & Bathroom)	LS	LS	LS	75000
3	Maintainace of Rest House at Bara Bhangal	LS	LS	LS	75000
4	Maint of Forest Guard Hut B/Bhangal	LS	LS	LS	75000
5	Maint. of FRH Rajgundha	LS	LS	LS	75000
	Maintenance of Roads/Paths				
I	Maintenance of Trekking Paths.	15KM	LS	LS	75000
2	Maint. & Improvement of bridle paths	LS	LS	LS	75000
	Contingency				25000
	Total				5390000
					52950000

PROPOSED ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF DHAULADHAR NATURE PARK (ZOO) GOPALPUR

SN	Item of work/activity	Unit	Rate per unit	Amount in Lakh
A	Infrastructure development and maintenance			
A.1	New			
A.1.1	C/o Boundary Wall at DNP Gopalpur	No.	L/S	50000
A.1.2	C/o Off Exhibit Enclosure	No.	L/S	50000
A.2	Maintenance			
A.2.1	Maintenance of existing enclosures	6 No.	LS	50000
A.2.2	Maint. of Treatment Room	L/S	L/S	50000
A.2.3	Annual maintenance of Zoo structure	LS	LS	50000
A.2.4	Maint. of Service Paths/ Visitor Paths	LS	LS	50000
A.2.5	Maint. of Public Toilet	LS	LS	50000
A.2.6	Upgradation of Postmortem Room	LS	LS	50000
A.2.7	Renovation of Entry Gate	LS	LS	50000
A.2.8	Maint. of quarantine facility	LS	LS	50000



B	Animal Welfare			
B.1.1	Enrichment activities inside Exhibit Enclosures	LS	LS	50000
B.2	Staff augmentation (contractual staff)			
B.2.1	Hiring of staff to carry out routine activities including cleaning	LS	LS	50000
C	Veterinary Facilities			
C.1	Equipments.	LS		50000
C.2	Medicines and Supplements	LS		50000
D	Capacity of Building			
D.1	Training			
D.1.1	Training of Zoo staff (Zoo mangement, disaster management, rescue techniques etc.)	L/S	L/S	50000
D.2	Equipments and Software's			
D.2.1	CCTV/Computer etc.	L.S	L.S	75000
D.2.2	Purchase of Fire Extinguishers	L.S	L.S	50000
E	Staff Welfare activities			
E.1	Provision of uniforms, boots, masks etc to Zoo staff	LS		75000
E.2	Protection gear for handling/rescue of animals	LS		75000
E.3	Health care and vaccination of staff	LS		50000
E.4	Self protection equipment like stun gun etc.	LS		75000
F	Zoo education and outreach programs			
F.1	Publicity material	LS		50000
F.2	Awareness campaign	LS		50000
G	Security and Monitoring			
G.2	Watch Tower	1 No.	L/s	75000
H	Research			
I	Disaster management			
J	Amount at the discretionary of DFO/ CCF WL for vaious field work			195000
O	Office Expenses			
O.3	Stationary and elctricity bill etc.	L/S		0
P	Contingency	L/S		0
	G. TOTAL			1520000

PROPOSED ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF VULTURE CONSERVATION IN HP						
S. No.	Item of Work	No.	Unit	Rate per unit	Targets	
					Phy	Fin
	Non Recurrent Activities					
A.I	Infrastructure Development					



A.I.A.						
A.II.d	Habitat improvement					
	New					
1	Maint. Of Vulture Feeding Station	1	1	L/s	L/s	100000
2	Maint. of paths in Forest area having nesting sites	L/s	L/s	L/s	L/s	100000
3	C/o Perches around feeding sites	L/s	L/s	L/s	L/s	100000
4	Maint. of fire lines in nesting sites	L/s	L/s	L/s	L/s	85000
A.III.a.	Survey/Census/ Estimation of Flora & Fauna					
1	vulture survey to know the nestings of White rumped and Egyptian Vulture in Distt Kangra	1	1	L/S	L/S	100000
2	undercover survey of medical shops in Kangra District report publishing	L/S	L/S	L/S	L/S	100000
A.III.b.	Plantation					
1	Plantation of tall plants around nesting sites	L/S	L/S	L/S	L/S	50000
A.III.c	Training					
1	Training	L/s	L/s	L/s	L/s	100000
2	Exposure visits	1	No	L/S	1	50000
A.III.e	Hiring of staff					
A.IV.a	Protection					
1	Fire watchers for protecting main vulture breeding sites for 4 months	L/S	No	L/S	L/S	100000
2	Vulture watchers around feeding stations	1	No	0.5	1	100000
3	Hiring of vehicles for patrolling, survey and protection of vulture nesting sites.	1	No	L/S	L/S	100000
A. V	Education and Awareness Generation					
1	Awareness, publicity matter etc.	L/S		L/S	L/S	50000
A.VI	Wildlife Tourism Management					
A.VII	Field equipment					
1	Field equipment	1	No	L/S	1	100000
A. VIII	Office expenses					0
A.IX	Community Development through Participation					
1	Carcas dumping through participatory mode.	0		0	0	100000
	Total					1335000
	G. Total					1335000

APO OF CONSERVATION AND PROTECTION OF PROTECTED AREAS FOR THE YEAR

2022-23 (AGAINST STIPULATION OF KOLDAM PROJECT)

Name of Circle- **WL Shimla(S)**



Name of Division- WL Division Shimla								
Name of PA/ WLS/ Zoo Simbalbara Sher Jung National Park								
Item of work/activity	Name of Beat	Name of Area	Unit	Nos/hac	Rate	Amount	GPS Coordinates	
Non Recurrent Activities							Long.	Lat
Item of Work								
Infrastructure Development								
Construction of New Buildings and other Structures.								
Construction of New Roads/Paths.								
Construction of new R/Walll (in Puruwala to Simbalbara Road)	Batta Mandi beat	RF Katta Pathar	No	L/S	L/S	50000	N30°26.9 82'	E077°3 1.368
Mintenance of Road From Puruwala to Simbalbara	Marusidh beat	RF Danda S/Pur	No	L/S	L/S	40000	N30°26.2 01'	E077°2 9.895'
	Danda S/Pur beat	RF Danda/ S/Pur	No	L/S	L/S	40000	N30°25.2 59'	E077°2 9.281'
	Batta Mandi beat	RF Katta Pathar	No	L/S	L/S	70000	N30°26.9 74'	E077°3 2.948'
Sub- Total						200000		
Habitat Improvement								
Soil and moisture conservation								
Upgrading/improvement of nursery	Kaludev beat	RF Kaludev	No	L/S	L/S	120000	N30°26.1 80'	E077°3 0.358'
Maintenance of B/Path, I/Path	Batta Mandi beat	RF Katta Pathar	No	3Km	L/S	30000	N30°25.5 20'	E077°2 8.998'
	Marusidh beat	RF Marusidh	No	1.5km	L/S	20000	N30°24.8 41'	E077°2 9.657'
	Kaludev beat	RF Kaludev	No	1.5km	L/S	20000	N30°26.3 47'	E077°2 8.248'
	Gharuk beat	RF Gharuk		3Km	L/S	30000	N30°26.9 67'	E077°2 8.510'
Sub- Total						220000		
Capacity Building/Training/Research and Monitoring								
Capacity Building Traning /						120000		



Research progame and monitoring								
Sub-total						120000		
Wildlife Protection and Conservation Activities.								
Protection								
Habitat enrichment works			No	L/S	L/S	40000		
Fire watchers				466MD	300	140000		
Sub-total						180000		
Total Non Recurrent (A)						720000		
Recurrent Activities.(B)								
Education & awareness generation								
Wildlife Week						30000		
Awareness meeting with local community						30000		
Sub-total						60000		
Wildlife Tourism Management								
Construction of new protection wall around the watch tower near FRH Simbalbara	Kaludev beat	RF Kaludev	No	L/S		60000	N30°25.5 51'	E077°2 8.968'
Construction of new rain Shelter	Gharuk beat	RF Kaludev	No	L/S		180000	N30°26.9 10'	E077°2 8.628'
Maintenance of watch Tower	Kaludev beat	RF Kaludev	No	L/S		40000	N30°25.6 21'	E077°2 9.061'
Sub-total						280000		
Field Wquipment								
Trap Camera				L/S		80000		
Sub- Total						80000		
Office Expenses								
OE/ Misc.						64000		
Sub-total						64000		
Community Development through participation								
Publicity Material						60000		
Sub-total						60000		
Human wildlife Animal Conflict								



Contingent works for human-Elephant conflict							100000		
Sub-total							100000		
Total-Recurrent Activities.							644000		
TOTAL (A+B)							1364000		
Contingency							15000		
Grand Total							1379000		

APO OF CONSERVATION AND PROTECTION OF PROTECTED AREAS FOR THE YEAR 2022-23 (AGAINST STIPULATION OF KOLDAM PROJECT)									
Name of Circle-		WL Shimla(S)							
Name of Division-		WL Division Shimla							
Name of PA/ WLS/ Zoo Majathal WLS		Majathal WLS							
Item of work/activity	Name of Beat	Name of Area	Unit	Nos/ha	Rat e	Amount	GPS Cordinates		
Non Recurrent Activities							Long.	Lat	
Infrastructure Development									
Maintenance of Fgd hut cum transit hut Chilla compound	Chandi	Chandi	No.	1	L/S	100000	N31°27.13"	E077°02.827"	
Maintenance of Fgd hut Kangri compound	Kangri	Kagri	No.	1	L/S	100000	N31°17.349"	E076°57.616"	
Sub-total						200000			
Wildlife Protection and Conservation Activities									
Fire Protection activities			0	0	0	0			
Fire Watchers			No.	416M	D	125000			
Sub-total						125000			
Capacity Building/ Training/ Reserch and Monitoring									
Reserch						175000			
Sub-total						175000			
TOTAL (A)						500000			
Recurrent Activities									
Habitat Improvement									
Cunstruction of Check dam/B/wall/R/Wall									



Check Dam (BW/R/Wall Check Wall in	Kagri	D11C3	No	5	L/S	75000	N31 022'1764 "	E076 ⁰ 55.3 363"
Check Dam	Chandi	D12c2 Harsang Nalla	No	7	L/S	98000	N31 025.9125 "	E077 ⁰ 00.8 51"
	Harsog Bhaji	Chilla Nalla	No	6	L/S	96000	N31 026.927"	E077 ⁰ 02.5 39"
	Matrec h	Matrech Nalla	No	6	L/S	96000	N31 018.086"	E076 ⁰ 56.3 30"
Check Wall/ R/ Wall	Harson Bhaji	Kiary Nalla	No	2	L/S	60000	N31 027.789"	E077 ⁰ 01.5 29"
Water Harvesting Structure	Harson g Bhaji	Kiary Nalla	No	1	L/S	100000	N31 027.521"	E077 ⁰ 01.2 16"
	Chadi	D12c6 near ghaur kufar	No	1	L/S	100000	N31 027.9346 "	E077 ⁰ 00.1 144"
Sub-total						625000		
Education and Awareness Generations								
Willife week and other awareness programme						71750		
Sub-total						71750		
Willife tourism Managment								
Providing benches			No	0	L/S	50000		
Sub-total						50000		
Field equipment								
Camera						75000		
Sub-total						75000		
Community Development through Participation.								
Protection								
Solar light					L/S	75000		
Sub-total						75000		
Human wildlife Animal conflict								
Expenses on community awareness for human leopard conflict					L/S	125000		
Sub-total						125000		



Office expenses									
Stationary/electricity bills/Telephone Bills etc.							75000		
Sub-total							75000		
TOTAL (B)							1096750		
TOTAL (A+B)							1596750		
							Contingency. 15750		
							GRAND TOTAL 1612500		

APO OF CONSERVATION AND PROTECTION OF PROTECTED AREAS FOR THE YEAR -2022-23 (AGAINST STIPULATION OF KOLDAM PROJECT)									
Name of Circle	Shimla WL Circle (S)								
Name of Division	Shimla WL Division								
Name of PA/WLS Zoo -	SWC Dhalli								
Item of work/activity	Name Of Block	Name of Beat	Name of Area	Unit	Rate	Nos / hac	Amount	GPS Coordinates	
Non Recurrent Activities								Lat	Long.
Non- Recurrent Activities									
Habitat Improvement									
Soil & moisture conservation									
Construction of Water Ponds	Chharabra	Chharabra	C-1a,C-IIa	No.	50000	2	100000	N31 ⁰ 6'426"	E77 ⁰ 14'
								N31 ⁰ 5'750"	E77 ⁰ 13.545"
Check dams (BW/DRSM/CWS)	Seog & Chharabra	Churat,Chharabra, Seog & Kufri	15,16B, 1a, 2a,4B	No.	25000	8	215000	N31 ⁰ 6.691"	E77 ⁰ 13.191"
								N31 ⁰ 5'427"	E77 ⁰ 14'491"
Sub-total							315000		
Others									
Capacity Building/Training/ Research & Monitoring									
Capacity Building/Training/ Research & Monitoring							315000		



Sub-total							315000		
Field Equipment									
Fire Fighting Equipment	Seog	Seon	Seog	No.	L/S	L/S	50000		
Binoculars				No.	2	L/S	50000		
Camera				No.	1	L/S	125000		
Sub-total							225000		
Wildlife Protection and Conservation Activities									
Protection									
Deployment of Antipoacher/Antigrazer	Seog and Chharabra	Seog, Churat, Chharabra and kufri			360M D	300	108000		
Fire Watcher	Seog/Chharabra	Seog, Churat, Chharabra and kufri			600M D	300	180000		
Maintenance of Fire Line	Chharabra	Churat	C22	Km	2.5Km	L/S	27000	N31 ⁰ 6.35"	E077 ⁰ 17.55"
Sub-total							315000		
Education and Awareness Generation.									
Wildlife week and other awareness programme	Chharabra	Chrat		No.	L/S		50000		
Signages Board	Chharabra	Chrat		No.	L/S		50000		
Awareness programe	Chharabra	Chrat		No.	L/S		50000		
Wall Painting near Swc Gate Dhalli	Chharabra	Chrat	C-23		L/S		75000	N31 ⁰ 6.675"	E077 ⁰ 17.18 5"
Sub-total							225000		
Wildlife Tourism Management									
Garbage collection	Chharabra & Seog	Churat, Chharabra, Seog & Kufri	C-22,23,24, C-1a &2a C-9b, 9c, C-10,11	No.	L/S	L/S	50000	N31 ⁰ 6'06"	E77 ⁰ 15'42"
Sub-total							50000		
Maintenance of Trek Path, etc.	Seog & Chharabra	Seog	C-32	Km	3.5km	L/S	50000	N31 ⁰ 6'0021 "	E77 ⁰ 14'0369 "
		Churat	C-23,24	Km	4km	L/S	50000	N31 ⁰ 6'672"	E77 ⁰ 13'175"



		Chharabra	C-2a & 9a	Km	6.5km	L/S	50000	N31 ⁰ 1 1'527"	E77 ⁰ 2 3'342"
		Kufri	C-10,11,13	Km	4Km	L/S	50000	N31 ⁰ 0 6'21"	E77 ⁰ 1 5'23"
Sub-total							200000		
Repair & Maintt. of Cycles	Chharabra	Churat		No.	L/S		65000		
Sub-total							65000		
TOTAL							315000		
TOTAL (A)							1710000		
Recurrent Activities.									
Infrastructure Development									
Maintenance of Roads/Path, etc.									
Maint. Of Fgd hut Chharabra	Chharabra	Chharabra	C-2a	No.	1	L/S	100000	N31 ⁰ 1 1.527'	E77 ⁰ 2 3.347'
Maintenance of Fgd hut Compound at Kufri	Seog	Seog	9C	No.	1	L/S	100000	N31 ⁰ 0 6.05'	E77 ⁰ 1 5.42'
Maintenance of Range Office Building	Chharabra	Churat	C23	No.	1	L/S	60000	N31 ⁰ 0 6.675"	E77 ⁰ 1 3.185"
Sub-total							260000		
Community Development through Participation									
Purchase of Solar Light for distribution of the participants	Seog	Seog		No.	9	L/S	135000		
Sub-total							135000		
Office Expenses									
Stationery, Electricity bills etc						L/S	65250		
Sub-total							65250		
Human- Wild animal conflict									
Training for frontline staff to tackle human wildlife conflict							100000		
Wildlife monitoring Equipment							125000		
Sub-total							225000		



						TOTAL (B)	685250		
Contingency							24750		
						TOTAL (A+B)	242000	0	

APO OF CONSERVATION AND PROTECTION OF PROTECTED AREAS FOR THE YEAR -2022-23 (AGAINST STIPULATION OF KOLDAM PROJECT)							
Name of Circle	Shimla WL Circle (South)						
Name of Division	Shimla WL Division						
Name of PA/WLS Zoo -	Chail						
Item of work/activity	Name Of Block	Name of Beat	Name of Area	Unit	Rate	No s/ hac	Amount
Non-Recurrent Activities							
Habitat Improvement							
Soil and Moisture Conservation							
Check dams (BW/DRSM/CWS)	Chail	Sakori, Khariyouv, BanjaniBanjani	R18 C29, D-51C2and R-17C2	No	L/s	13	300000
Van sarovar/ Water pond	Chail	Sakori, Blossom and Banjani	R19c2b, R-18c1b R-17c2D51c2	No	L/s	4	300000
Sub-total							600000
Capacity Building/Training/Research and Monitoring							
Survey/Census/Estimation of Flore and Fauna							
Training/Survey /Census							200000
Sub Total							200000
Wildlife Protection and Conservation Activities.							
Protection							
Deployment of Antipoachers and Antigrazers	Chail	Sakori Khariyouv Blossom Banjani	R18 Sakori D51 c2,c3and c4 R15 c1 and c2,R19 Bhojdeen R17 Binoo	MD	300	166 M D	50000



Firewatcher	Chail	Sakori Kharyoun Blossom Banjani	R18 Sakori D51 c2,c3and c4 R15 c1 and c2,R19 Bhojdeen R17 Binoo	MD	300	166 M D	50000
Sub-total							100000
Education and Awareness Generation.							
Wildlife week and other awareness programme	Chail	Chail					40000
Signeges	Chail	Chail					60000
Sub-total							100000
Wildlife Tourism Management							
Maintenance of Treker Path	Chail	Sakori	R18	No	L/s	1	50000
Clearlines drive				No	L/s	1	50000
Deployment of website							100000
Sub-total							200000
Office expenses							
Stationery, Electricity bills etc							82000
Sub-total							82000
TOTAL (A)							1282000
Recurrent Activities.							
Infrastructure Development							
Maintenance and Repair of buildings and other structures.							
Maintt. of FRH Chail	Chail	Sakori	R18	No	L/s	1	100000
Forest Guard hut Chail	Chail	Sakori	R18c2c	No	L/s	1	150000
Maint of Watch Tower	Chail	Sakori	R19 Sakori	km	L/s	3	150000
Sub-total							400000
Field Equipment							
GPS				No	L/s	2	50000
Sub-total							50000
Community Development through participation							
Awareness camp through participants				No	L/s		50000



Sub-total									50000
TOTAL (B)									500000
TOTAL (A+B)								GRAND TOTAL	1782000
Contingency									18000
								GRAND TOTAL	1800000

APO OF CONSERVATION AND PROTECTION OF PROTECTED AREAS FOR THE YEAR 2022-23 (AGAINST STIPULATION OF KOLDAM PROJECT)								
Name of Circle-		WL Shimla(S)						
Name of Division-		WL Division Shimla						
Name of PA/ WLS/ Zoo			Talra WLS					
Item of work/activity	Name of Beat	Name of Area	Unit	Nos/ hac	Rate	Amount	GPS Coordinates	
Non Recurrent Activities							Long.	Lat
Infrastructure Development								
Maintenance/repair of Range office cum Residence	Thraroch	Tharoch	1	1	L/S	400000	N30 ⁰ 58.745'	E077 ⁰ 41.678'
Maintenance/repair of Fgd hut Gurar	Gurar	Gurar	1	1	L/S	200000	N30 ⁰ 59.865'	E077 ⁰ 44.317'
Sub-Total						600000		
Habitat Improvement								
Soil and Moisture Conservation								
Check walls/ B/Walls/ R/Walls	Chhajpur	DPF Chhajpur	No.	2	25000	50000	N30 ⁰ 07.918'	E077 ⁰ 75.861'
	Panju beat	DPF Chhajpur	No.	2	25000	50000	N30 ⁰ 02.330'	E077 ⁰ 46.300'
	Shashan	DPF Shashan	No.	2	25000	50000	N30 ⁰ 58.692'	E077 ⁰ 46.973'
	Gural	DPF Tharoch	No.	4	25000	100000	N31 ⁰ 00.868'	E077 ⁰ 45.148'
	Aulli	DPF Tharoch	No.	4	25000	100000	N30 ⁰ 58.272'	E077 ⁰ 45.016'
				Sub-total		350000		
Van sarovar/ Water pond	Panju beat	DPF Chhajpur	No.	2	25000	50000	N31 ⁰ 02.59'	E077 ⁰ 46.3'
	Chhajpur	DPF Chhajpur	No.	2	25000	50000	N31 ⁰ 01.726'	E077 ⁰ 77.614'



	Shashan	DPF Shashan	No.	2	25000	50000	N31 ⁰ 00. 352'	E077 ⁰ 46.28'
	Aulli	DPF Tharoch	No.	2	25000	50000	N30 ⁰ 59. 181'	E077 ⁰ 44.659'
	Gural	DPF Tharoch	No.	2	25000	50000	N31 ⁰ 00. 903'	E077 ⁰ 45.163'
						Sub-total	250000	
Capacity Buildings/Training/Research and monitoring								
Capacity Buildings/Trainin g/Research and monitoring							200000	
Sub-total							200000	
Wild Life Protection and Conservation Activities.								
Protection								
Deployment of Antipoachers and Antigrazers	Chhajpur, Panju, Shashan Aulli ,Gural	Chhajpur	No.	333	300	100000		
						Sub-total	100000	
Education and Awareness Generation								
Wildlife week and other awareness programme	Tharoch	Tharoch	1	1	L/S	40000		
Awareness Camp					L/S	60000		
					Sub-total	100000		
TOTAL (A)							1600000	
Recurrent Activities.								
Wild Life Tourism Managemant								
Maintenance/ repair of Tracker Path	Aulli	DFP Kangar	No.	10Km	L/S	100000	N30 ⁰ 59. 665'	E077 ⁰ 45.295'
	Panju beat	DFP Chhajpur	No.	10Km	L/S	100000	N31 ⁰ 02. 55'	E077 ⁰ 40.6'
						Sub-total	200000	
Field equipment								
Digital Camras			No	1	L/S	50000		
Sub-Total							50000	
Community Development through Participation								
Solar Light			No	2	L/S	50000		
Sub-Total							50000	
Office Expenses								



Connectivity, electricity bills, printing material, computer maintt.etc.				L/S	80000		
Sub-total				Sub-total	80000		
TOTAL (B)					380000		
TOTAL (A+B)					1980000		
				Contingency	20000		
GRAND TOTAL					2000000		

APO OF CONSERVATION AND PROTECTION OF PROTECTED AREAS FOR THE YEAR 2022-23 (AGAINST STIPULATION OF KOLDAM PROJECT)							
Name of Circle-		WL Shimla (S)					
Name of Division-		WL Division Shimla					
Name of PA/ WLS/ Zoo		Renuka WLS					
Item of work/activity	Name of Beat	Name of Area	Unit	Nos/ hac	Rate	Amount	
Non Recurrent Activities							
Item of Work							
Non Recurrent Activities							
Infrastructure Development							
Construction of New building & other structures							
Repair/ maintenance of Misc. Building	Renukaji	Renukaji			L/S	300000	
Sub-Total						300000	
Habitat improvement							
Construction of Van Sarover/ Water Pond	Jamu & Dhar	RF Renukaji	L/S	L/S	22000	300000	
Sub-Total						300000	
Wildlife Tourism management							
Bird watching/ trekking/ nature walk in sanctuary			L/S		L/S	50000	
Miscellaneous activities evolved during Renuka ji fair					L/s	200000	
Sub-Total						250000	
Field equipment							
GPS, Bionoculars etc			L/S		L/S	100000	
Digital Cameras/ lenses etc.			L/S		L/S	150000	
						250000	
Communication							
Education and Awareness Generations							
Wildlife week and other awareness programme			L/S		L/S	50000	
Publicity material & Signages			L/S		L/S	100000	



Sub-total						150000
Office expenses						
Stationery, Electricity bills etc			L/S		L/S	76000
Sub-total						76000
Total (A)						1326000
Recurrent Activities.						
Community development through participation						
Providing equipment for yuvak mandals, mahila mandals etc to promote environmental friendly pattal					L/S	150000
Sub-total						150000
Capacity Building/Training/ Research & Monitoring						
Capacity Building/Traning/ Research & Monitoring						150000
Bird Handling ringing and research on migration pattern			L/S		L/S	150000
Sub-total						300000
Wildlife Protection and Conservation Activities						
Protection						
Deployment of Antipoachers and Antigrazers	Jamu & Dhar	RF Renukaji	300MD		300	90000
Fire Watcher	Jamu & Dhar	RF Renukaji	240MD		300	72000
Habitat enrichment activities						188000
Sub-total						350000
Human wild animal conflict						
Repair/ maintenance of Interlink Chain Fencing					L/S	250000
						0
Total						250000
TOTAL B						1050000
TOTAL (A+B)						2376000
Contingency						24000
GRAND TOTAL						2400000

APO OF CONSERVATION AND PROTECTION OF PROTECTED AREAS FOR THE YEAR 2022-23 (AGAINST STIPULATION OF KOLDAM PROJECT)							
Name of Circle-		WL Shimla(S)					
Name of Division- WL Division Shimal	WL Division Shimla						
Name of PA/ WLS/ Zoo Majathal WLS	Renuka Ji ZOO						



Item of work/activity	Name of Beat	Name of Area	Unit	Nos/hac	Rate	Amount	GPS Cordinates	
Non Recurrent Activities							Long.	Lat
Infrastructure Development and Maintenance								
New								
Construction of new tiger enclosure			1	L/S		1000000	N30°60' 67.31"	E77°46' 68.76"
Sub-total						1000000		
Recurrent Activities.								
Animal Welfare								
Enrichment of black bear encloser outdoor			1	L/S		60000	N30°60' 66.55"	E77°46' 40.43"
Sub-total						60000		
Veterinary facility								
Medicines and suppliments				L/S		80000		
Sub-total						80000		
Capacity Building								
Training for frontline staff/ Procurement of equipment for handling of animals					L/S	50000		
Sub-total						50000		
Staff welfare activity								
Uniform, protective gear for Zoo staff etc					L/S	60000		
Sub. Total						60000		
Zoo Education and outreach Programme								
Zoo visit of local school students						20000		
Sub Total						20000		
Security and Monitoring.								
Survillance System (CCTV /WIFI etc)			L/S		L/S	120000		
Sub-total						120000		
Research								



Establishing nutritinal analysis system of zoo feed					L/S	50000		
Sub-total						50000		
Disaster Management								
Procurement of pressure pump for traianquilising equipment			L/S		L/S	15000		
procurement of ladder for disaster situations			L/S		L/S	25000		
						Sub-total	40000	
Contigencies								
Electricity bills, stationary etc.other Misc.			L/S		L/S	80000		
						Sub-total	80000	
Other Activities								
Amount at the discretionay of DFO/ CCF (WL) for various field works					L/S	380000		
						Sub-Total	380000	
						G.Total	1940000	

APO OF CONSERVATION AND PROTECTION OF PROTECTED AREAS FOR THE YEAR -2022-23 (AGAINST STIPULATION OF KOLDAM PROJECT)							
Name of Circle	Shimla WL Circle (South)						
Name of Division	Shimla WL Division						
Name of PA/WLS	KHARDIUNPHEASANTRY CHAIL						
Zoo -							
Item of work/activity	Name Of Block	Name of Beat	Name of Area	Unit	Rate	Nos/hac	Amount
Recurring Activities							
Infrastructure Development and Maintenance							



Old Poly House converted in toencloser	Kharyoun	Kharyoun	Khariyoun Pheasantry	No	L/S	1	700000
Sub-total							700000
Animal Welfare							
Misc. Work inside the encloser and cleaning	Kharyoun	Kharyoun	Khariyoun Pheasantry	No	L/S	1	50000
Repair of enclosures	Kharyoun	Kharyoun	Khariyoun Pheasantry	No	L/S	1	50000
						Sub-total	100000
Vetrinary facilities							
Purchase of Medicine/ vetrinary facilities	Kharyoun	Kharyoun	Khariyoun Pheasantry	No	L/S	1	60000
						Sub-total	60000
Capacity Building/ training/ Research & Monitoring							
Training and exposure visit of field staff	Kharyoun	Kharyoun	Khariyoun Pheasantry	No	L/S		25000
						Sub-total	25000
Staff Welfare Activities							
Amenities to Pheasantry Staff	Kharyoun	Kharyoun	Khariyoun Pheasantry	No	L/S	1	30000
						Sub-total	30000
Zoo education and outrich Programme							
Exposure visit within the state	Kharyoun	Kharyoun	Khariyoun Pheasantry	No	L/S	1	50000
						Sub-total	50000
Disaster Management							
Fire control	Kharyoun	Kharyoun	Khariyoun Pheasantry	No	L/S	1	50000
						Sub-total	50000
Landscaping							
Repair of Path in side the Pheasantry	Kharyoun	Kharyoun	Khariyoun Pheasantry	No	L/S	1	15000
						Sub-total	15000
Research							
Miscellaneous/Other						L/s	100000
						Sub-total	100000
Release and Reintroduction Programme							
Reintroduction of Cheer Pheasants	Kharyoun	Kharyoun	Khariyoun Pheasantry	No	L/S	1	575000
						Sub-total	575000
Security and Monitoring							
Survillance system(CCTV and Wifi etc)						L/s	75000



Sub-total	75000
GRAND TOTAL	1780000

APO OF CONSERVATION AND PROTECTION OF PROTECTED AREAS FOR THE YEAR 2022-23 (AGAINST STIPULATION OF KOLDAM PROJECT)						
Name of Circle-		WL Shimla(S)				
Name of Division- Division Shimal		WL	WL Division Shimla			
Name of PA/ WLS/ Zoo		HNP KUFRI				
Item of work/activity	Name of Beat	Name of Area	Unit	Nos/hac	Rate	Amount
Non Recurrent Activities						
Infrastructure Development and Maintenance						
Maintenance						
Construction of Damaged wall in brown bear enclosure HNP Kufri	HNP Kufri	HNP	LS	1		1000000
Sub-total						1000000
Animal welfare						
Maintenace various enclosures	HNP Kufri	HNP	LS	L/S		90000
Sub-total						90000
Veterinary facilities						
Medicine	HNP Kufri	HNP	LS	L/S		250000
Sub-total						250000
Capacity Building and Staff Welfare Activity						
Capacity Building and Staff Welfare Activity	HNP Kufri	HNP	LS	L/S		60000
Sub-total						60000
Staff welfare activities						
Aminities to staff						90000
Sub-total						90000
Zoo Education and outreach Programme						
WL week celebration / other awareness programme	HNP Kufri	HNP	LS	L/S		30000
Sub-total						30000
Security and monitoring						
CCTv Monitoring	HNP Kufri	HNP	LS	L/S		200000
Sub-total						200000
Research						
Inernet facilities	HNP Kufri	HNP	LS	L/S		60000
Sub-total						60000



Landscaping						
Misc.Landscaping	HNP Kufri	HNP	LS	L/S		100000
Sub-total						100000
Zoo Campus Habitat Management						
Provided Benches for Zoo Campus	HNP Kufri	HNP	LS	L/S		120000
Sub-total						120000
Disaster Management						
Fire Control	HNP Kufri	HNP	LS	L/S		60000
Sub-total						60000
Contingency						
Electricity bills, Stationary	HNP Kufri	HNP	LS	L/S		180000
Sub Total						180000
Communication						
Signages	HNP Kufri	HNP	LS	L/S		180000
Sub-total						180000
Visitor Amenities						
Maintenance of Toilets Nos	HNP Kufri	HNP	LS	L/S		100000
Sub-total						100000
GRAND TOTAL						2520000

APO OF CONSERVATION AND PROTECTION OF PROTECTED AREAS FOR THE YEAR 2022-23 (AGAINST STIPULATION OF KOLDAM PROJECT)						
Name of Circle-		WL Shimla(S)				
Name of Division- WL Division Shimal		WL Division Shimla				
Name of PA/ WLS/ Zoo		RRC Tutikandi				
Item of work/activity	Name of Beat	Name of Area	Unit	Nos/ hac	Rate	Amount
Non Recurrent Activities						
Infrastructure Development and Maintenance						
Maintenance						
Repair of Various encloser	RRC	RRC	L/S	1	L/S	200000
Maintenance of Fgd hut	RRC	RRC	L/S	1	L/S	50000
Maintenance of Labour shed No1&2	RRC	RRC	L/S	1	L/S	50000



Maintenance of Veterinary Office	RRC	RRC	L/S	1	L/S	50000
Maintenance of RO Residence	RRC	RRC	L/S	1	L/S	50000
Sub-total						400000
Veterinary Facility						
Medicines	RRC/MSC	RRC/MSC	L/S	1	L/S	200000
Sub-total						200000
Security and Monitoring						
Survillance system (CCTV, Wifi etc)						25000
Sub-total						25000
Disaster Management						
Fir control	RRC	RRC	L/S	L/S	L/S	50000
Sub-total						50000
Zoo Campus - Habitat management						
Amount at the discretionay of DFO/ CCF (WL) for various field works					L/S	472000
Sub-total						472000
Contingency						
Elecity Bills, stationary and accessories etc						50000
Sub-total						50000
GRAND TOTAL						1197000

APO OF CONSERVATION AND PROTECTION OF PROTECTED AREAS FOR THE YEAR 2022-23 (AGAINST STIPULATION OF KOLDAM PROJECT)						
Name of Circle-		WL Shimla(S)				
Name of Division- WL Division Shimal		WL DIVISION SHIMLA				
Name of PA/ WLS/ Zoo		CHURDHAR WLS				
Item of work/activity	Name of Beat	Name of Area	Unit	Nos/hac	Rate	Amount
Non Recurrent Activities						
Habitat improvement						



Soil & moisture conservation						
Check dams (BW/DRSM/CWS)	Nohra	RF Nohra C2		6No		75000
	Behrog	DPF C4a		6No.		75000
Sub Total						150000
Check walls/ Breast walls/ Retaining wall	Chhogtali	RF Chhogtali C2		7No.		50000
	Sarpat	DPF Shila SarauC7		7No.		50000
Sub Total						100000
Van sarovar/ Water pond	Choras	RF Choras C1		1No		50000
	Chogtali	RF Chogtali C1		1No.		50000
	Behrog	DPF Bherog C4b		1No.		50000
	Sarpat	DPF Sarpat C6		1No.		50000
	Nohra	RF Nohra C3		1No.		50000
Sub Total						250000
G.Total						
500000						
Wildlife Protection and Conservation Activities						
Protection						
Deployment of Antipoachers and Antigrazers	Sarpat, Behrog, Chhogtali, Nohra, Choras			333MD	300	100000
Sub Total						100000
Education and Awareness Generation						
Trekking/ Educational/ awareness workshop for local residential and student				2Nos	30000	60000
Celebration of WL Week and awareness programme	Nohra	UPF Nohra		1Nos		40000
Sub-total						100000
Wildlife Tourism Management						
Construction and maintenance of Trekkers Path, etc.	Nohra	UPF Nohra		6Km		60000
	Choras	UPF Choras		5Km		40000
	Sarpat	UPF Sarpat		10Km		100000
Sub-total						200000
Office expenses						



Stationery, Electricity bills etc					178000
Sub-total					178000
TOTAL (A)					1078000
Recurrent Activities					
Infrastructure Development					
Maintenance & repair of building & other structures					
Repair of BO quarter	Baldhar	UPF Baldhar		1No	100000
Repair of Fgd hut	Sarpat	UPF Baldhar		1No	100000
Repair of I/hut	Choras	UPF Choras		1No	200000
Sub Total					400000
Capacity Building/ training/ Research/ Monitoring					
Capacity Building/ training/ Research/ Monitoring					200000
Sub Total					200000
Field equipment					
Amnities of Staff					100000
Digital Camera					100000
Sub Total					200000
Community Development through Participation.					
Raising of Nursery	Choras			1No	100000
	Matinda			1No	100000
Sub Total					200000
Human- Wild animal Coflict					
Expenses for visit for expert team in case of emergent situation					50000
Wildlife Equipment					50000
sub total					100000
TOTAL (B)					1100000
TOTAL (A+B)					2178000
Contingency					22000
GRAND TOTAL					2200000

Proposed annual plan operation of protected areas under the stipulation of KOLDAM for the Year 2022-23 in respect of Daranghati wildlife Sanctuary.						
Name of Work	Name of Range	Unit	Rate per Unit	Phy	Fin	Remarks



Non Recurrent	Dofda				
Infrastructure Development					
Construction of New building & other structures					
Const. of water Hole	9 Nos	20000		180000	
			Total:-	180000	
Habitat Improvement					
Raising of New Plantation					
3 rd year maintenance of at Deodar patch sowing at Riyada	3 Hact	2400	3 Hact	7200	
4 rd year maint of Deodar Plantation C-157	3 Hact	1650	3 Hact	4950	
5 th year Maint of B/L plantation in UF Marala	5 hact	1500	5 hact	7500	
5 th year maint of pasture area julsu khanda	5hact	625	5hact	3125	
5 th year Maint of pasture area Bashal khanda	5 hact	625	5 hact	3125	
Nursery					
i) Sharnal Nursery	0.50hact		0.50hact	100000	
ii) Maint of nursery at Marala	0.25hact		0.25hact	100000	
iii) Bajwa Nursery	0.50hact		0.50hact	30000	
			Total:-	255900	
Soil and Moisture Conservation					
Soil Conservation at c-159 kasha (Dalach pad)				175000	
Soil conservation work Chawara bai slip				175000	
Soil Conservation work Kadipadd (Runpu) Slip				175000	
Soil Conservation work Pandhrak Dhank slip				175000	
Const. of crate wire protection wall in wildlife colony				127000	
			Total:-	827000	
Wildlife Protection and Conservation activities					



Deployment of Anti poacher and Anti grazers	900 M.Days	300/-		270000	
Deployment Fire Watcher	400 M.Days	300/-		120000	
Group patrolling	8 Nos	20000		160000	
Nature Awareness /work Shop /Seminars				80000	
			Total:-	630000	
Staff Welfare Activates					
Hiring of Staff					
Education and Awareness Generation				100000	
Mobile Connectively	-	L/S		0	
			Total:-	100000	
Recurrent Expenditure					
Infrastructure Development					
Maintenance & repair of kitchan cum store at Sharnal				450000	
Spl. Repair of Fgd. Hut at Sharnal	No			450000	
Completion of panelling work in Gopalpur FRH.				300000	
			Total	1200000	
Maintenance of road /Path					
Repair of T/Route (C-159) Kashes –Ajjji Khadd to Nymacha 8km		8 km		500000	31.42492 77.84373
Maint of path Khatti khad to Tincha mate.	6 KM			300000	
T-Route Chhuwara Bai to Deveri Dhar	2.50 KM			300000	
Repair of T-Route from Shukla Dhank to Jasar kanda.	4 KM			98000	
Office Expences				178000	
Motor Veh.				100000	
			Total:-	1476000	
			G.Total :-	4668900	
			Contin gency :-	99140	
			G.Total :-	4768040	

Proposed Annual Plan Operation of protected areas under the stipulation of KOLDAM for the year 2022-23 in respect of Rupri Bhaba Wildlife Santuary.



Name of component/ Activity	Name of Block	Name of Beat	Name of Area	Norms	Unit	Phy	Amount
(A)Non-Recurrent activities							
Infrastructure Development							
Construction of new building and other structures.							
Construction of Toilet & special repair of saptic tank.	Rupi	Rupi	Majgaon	L/S	No.	1	300000
Repair of B.O.Quarter compound Rupi.	Rupi	Rupi	Majgaon	L/S	No.	1	170000
	Total					2	470000
Habitat Improvement							
Maintenance of Plantations							
2nd year maintenance	Rupi	Dabbling	C No.98 Goltudey	4540	ha.	3	13620
	Rupi	Rupi	UPF-4 near FRH Rupi	4540	ha.	2	9080
	C/Kamba	B/Kamba	UPF-11	4540	ha.	3	13620
		Total				8	36320
3rd year of maintenance of Plantation	Rupi	Dabbling	UPF-8	3420	ha.	3	10260
	C/Kamba	B/Kamba	UPF-12 Teecham	3420	ha.	3	10260
		Total				6	20520
4th year maintenance of Plantation	Rupi	Rupi	UF-3 Sheela Thach	2350	ha.	5	11750
	C/Kamba	B/Kamba	UF-10 Dugey	2350	ha.	5	11750
	C/Kamba	C/Kamba	UPF-16 Shalti	2350	ha.	3	7050
	C/Kamba	C/Kamba	UPF-16 Telegarh	2350	ha.	3	7050
		Total				16	37600
Enrichment Plantation							
New Plantaion	C/Kamba	B/Kamba	Bhuglang UPF-13	57100	ha.	3	171300
		Total				3	171300
4th year maint. of Plantation	Salaring	Katgaon	Sargang	2350	ha.	5	11750
5th year maintenance of enrichment Plantation	C/Kamba	C/Kamba	UPF-16 Shikerde y	2350	ha.	5	11750
	C/Kamba	B/Kamba	UPF-12 Rakcha	2350	ha.	5	11750



	Rupi	Dabbling	C No.98 Besra Thach	2350	ha.	5	11750
	Salaring	Katgaon	UPF-27	2350	ha.	5	11750
	Salaring	Kandar	UPF-26 Tulaach	2350	ha.	5	11750
	Total					30	70500
Development of NTFP's							
New NTFPs Plantation	Rupi	Rupi	UPF-3 Parimanch	125485	ha.	3	376455
	C/Kamba	B/Kamba	Kumrang	125485	ha.	3	376455
	Salaring	Nathpa	UPF-24 Rutinang	125485	ha.	2	250970
	Salaring	Kandar	Sholang Manch	125485	ha.	2	250970
	Total					10	1254850
Maintenance of NTFP's							
1st year maintenance of Plantation	C/Kamba	B/Kamba	UPF-10 Kumrang	11140	ha.	3	33420
	C/Kamba	C/Kamba	Urang Dhar	11140	ha.	3	33420
	Total					6	66840
2nd year NTFP's maintenance of plantation	Salaring	Kandar	Rokutung chady	3415	ha.	5	17075
	Rupi	Rupi	UPF-4 Rakthach	3415	ha.	3	10245
	Rupi	Dabbling	UPF-9 Thumral	3415	ha.	3	10245
	Salaring	Kandar	UPF-26 Rocksan	3415	ha.	3	10245
	C/Kamba	B/Kamba	UPF-10 Dugey	3415	ha.	3	10245
	Total					17	58055
3rd year maintenance of NTFP's plantation	Salaring	Kandar	UPF-26 Yamotranng	3197	ha.	3	9591
	Salaring	Salaring	UPF-19 Panagarh	3197	ha.	3	9591
	C/Kamba	B/Kamba	UPF-11 Kumrang	3197	ha.	5	15985
	C/Kamba	C/Kamba	UPF-16 Shelti	3197	ha.	5	15985
	Rupi	Rupi	UPF- Jaymanch	3197	ha.	3	9591
	Rupi	Dabbling	UPF-3 Deha	3197	ha.	3	9591
	Total					22	70334



Soil & Moisture Conservation							
Soil Conservation work with C/Wire	Rupi	Rupi	Kungurc h Nallah	25000	No.	5	125000
	Rupi	Dabbling	Deya	25000	No.	5	125000
	C/Kamba	B/Kamba	Surchan Nallah	25000	No.	5	125000
	C/Kamba	C/Kamba	Tele Nallah	25000	No.	5	125000
	Salaring	Salaring	Rutinang	25000	No.	5	125000
	Salaring	Nathpa	Yalthach Part-II	25000	No.	5	125000
	Salaring	Kandar	Yangoran g Slip	25000	No.	5	125000
	Salaring	Katgaon	Katgaon	25000	No.	5	125000
	Total					40	1000000
Total of Non-Recurrent Activities							3256319
(B) Recurrent Activities :- Habitat Improvement							
Afforestation of Degraded forest Land :-							
New Plantation							
New Plantation	Salaring	Nathpa	C No.93 Dangrang	68100	ha.	2	136200
	Total					2	136200
Maintenance of Plantations							
1st year maintenance of Plantation	C/Kamba	C/Kamba	C No.96	9150	ha.	2	18300
2nd year maintenance of Plantation	Rupi	Rupi	UPF-Shamnu	6200	ha.	2	12400
4th year maintenance of Plantation	Rupi	Dabbling	UPF-8 Talpa	2775	ha.	10	27750
	C/Kamba	B/Kamba	UPF-14 Strey Dogri	2775	ha.	5	13875
	Salaring	Salaring	C No.94(a) Sukutang	2775	ha.	3	8325
5th year Maintenance of Plantation	C/Kamba	C/Kamba	C No.96 Duderang	2775	ha.	5	13875
	Rupi	Rupi	UPF-1 Tackolin g	2775	ha.	3	8325
	Rupi	Rupi	UPF-4	2775	ha.	3	8325
	Total					33	111175
Infrastructure Improvement							
Maintenance & Repair of Building or other structure :-							



Repair of guard quarter	Salaring	Katgaon	Katgaon	L/S	No.	1	50000
	Total					1	50000
Maintenance of road & Path							
Special repair of path.	Rupi	Rupi	Shamnoo to Jorang Dhar	50000	KM	2	100000
	Rupi	Dabbling	Tibla to Shorang	50000	KM	2	100000
	C/Kamba	C/Kamba	Lago Dwar to Spokney	50000	KM	2	100000
	C/Kamba	B/Kamba	Dumti to Kumrang Part-III	50000	KM	2	100000
	Salaring	Salaring	Domar to Rockchudey	50000	KM	2	100000
	Salaring	Nathpa	Swarim to Gufanga Dhar	50000	KM	2	100000
	Salaring	Kandar	Gharat Nallah to Berger Nallah	50000	KM	2	100000
	Salaring	Katgaon	Sargrang to Nigul	50000	KM	2	100000
		Total					16
Wildlife protection & Conservation Activities							
Engagement of anti-poaching in Rupi Bhaba WLS	3 Block	8 Beat	Rupi Bhaba WLS	1440	M/Days	400	576000
Engagement of fire watcher in Rupi Bhaba WLS	3 Block	8 Beat	Rupi Bhaba WLS	1440	M/Days	400	576000
Group patrolling in Rupi Bhaba WLS	3 Block	8 Beat	Rupi Bhaba WLS	24000	Beat	8	192000
	Total						1344000
Research & Monitoring							
Hiring of vehicle for staff	3 Block	8 Beat	Rupi Bhaba WLS	L/S	Beat	8	52000
Communication & connectivity to field staff	3 Block	8 Beat	Rupi Bhaba WLS	L/S	Beat	8	65000



Publicity awareness				L/S		50306
	Total					167306
Total of Recurrent Activities						2608681
	G.Total					5865000

PROPOSED ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF LIPPA-ASRANG WILDLIFE SANCTUARY

S. No.	Item of Work	Unit	Rate per unit	Total	
				Physical	Financial
	Non Recurrent Activities				
	Infrastructure Development				
	Construction of New building & other structures				
	Construction of Block Forest Officer Quarter at Sangla	No	L/S	1	1330000
	Total:-				1330000
	Habitat improvement				
	New Plantation				
	Soil & moisture conservation				
	check walls /Brest walls /Retaining walls /RBS Work				
	Teti Khad at Artha on Left bank.	No	L/S		250000
	Total:-				250000
	Others				
	Total:-				
	Capacity Building/Training/ Research & Monitoring				
	Exposure visit.				200000
	Survey/Census/ Estimation of Flora & Fauna				
	Training of wildlife Guides				30000
	Staff welfare activities				80000
	Census				20000
	Hiring of staff	M/days	429/-	1 No	68000
	Total:-				398000
	Wildlife Protection and Conservation Activities				
	Protection	360	375/-	1 No	135000
	Anti poachers activites	M/Days			
	Fire Watchers	80	375/-	1 No	30000
		M/Days			
	Hiring of vehicle for patrolling & Nakas	L/S	L/S	L/S	25000
	Group Patrollng				80000
	Total:-				270000



Education and Awareness Generation				
	wildlife week celebration			50000
	Total:-			50000
Wildlife Tourism Management				
	Total:-			10000
Field equipment				
	Tants Big size			
	Genrator for Batseri Villagers		1	50000
	Survery & Demarcation		L/S	100000
Monitoring				
Camping				
Protection				
	Total:-			150000
	Office expenses Statonary, Electricity bills etc			50000
	Total:-			50000
Community Development through Participation				
	Community welfare activities (Providing LPG, Pressure cookers, induction, bore well, etc)	No.	L/S	198757
	Total:-			198757
	Non Recurrent Activities Total:-			2708000
	Total:-			
Maint. Of Road / Path				
	Pathgarang to Gursha Nallah		4 km	200000
	I/Hut Asrang to Shargansha		4 km	200000
	Total:-			400000
Habitat improvement				
	Total Recurring Activities :-			400000
	Contingency			63403
	Total:-			63403
	Grand Total :-			3170160

PROPOSED ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF RAKCHHAM- CHHITKUL WILDLIFE SANCTUARY.					
S. No.	Item of Work	Unit	Rate per unit	Total	
				Physical	Financial
	Non Recurrent Activities				
	Infrastructure Development				
	Construction of New building & other structures				
	Repair of Chowkidar Qtr	No	L/S	1	90000
	Maint of I/hut at Rakcham				100000
	Const. of water Hole	No	6	20000	120000
	Construction of New Roads/Paths				
	Management road	0	0	0	0



Inspection/Bridle paths, etc.				
Total:-				310000
Habitat improvement				
New				
Plantation				
Raising of NTFP Plantation at Janapa Kanda	Hac.	54600	4	218400
i) Raising of NTFP Plantation Ratya Kanda	Hac.	54600	4	218400
Pasture Dev.				
i) Girey Kanda	Hac.	48900	5	146700
ii)Badrey -I	Hac.	48900	5	146700
Total:-				730200
Soil & moisture conservation				
Check walls/ Breast walls/ Retaining wall Slip				
i) Kutang Slip Part -I	No.	L/S	1	275000
iii) Rasrang Slip Part -I	No.	L/S	1	275000
iii) Garth Slip	No.	L/S	1	275000
iv) Pudedyer Slip	No.	L/S	1	275000
v) Balkuto slip	No.	L/S	1	275000
			Total Soil	1375000
Treatment of Nallah				
Noshrang Nallah Part -I	No.	L/S	1	250000
Tumber Nallah	No.	L/S	1	250000
Barda Nallah	No.	L/S	1	250000
Rasrang Nallah	No.	L/S	1	250000
MUJlang Nallah	No.	L/S	1	250000
			Total Nallah	1250000
River Bank Stablization				
Nashi to Bossring tributary of Baspa River	150 Rmt.	L/S	150 Rmt in Two steps	320000
Janapa RBS	151 Rmt.	L/S	151 Rmt in Two steps	320000
Sering Baspa Rever Part -I	150 Rmt	L/S	150 Rmt in Two steps	320000
Shorange RBS Part-I	150 rmt		151 Rmt in Two steps	360000
Batseri to Rasrang Baspa River	70 Rmt	L/S	70 Rmt in Two steps	370000
Total:-		Total Stablization		1690000
G.Total Habitat improvement :-				4315000
Others				
Capacity Building/Training/ Research & Monitoring				



wildlife Techniques Training				50000
Survey/Census/ Estimation of Flora & Fauna				
Research & Monitoring				
Training				
Staff welfare activities			L/S	100000
Total:-				150000
Wildlife Protection and Conservation Activities				
Protection				
Deployment of Antipoachers and Antigrazers 3 Beats	M/days	375/-	700 M/Days	262500
Eagagement of Fire Watchers	M/days	375/-	270	101250
Hiring of Vehicles for patrolling and Nakas etc.	L/S	L/S	L/S	150000
POL and Maint. of Motor Cycle	L/S	L/S	L/S	26141
Group Patrolling				100000
Total:-				639891
Field equipment				
Survery & Demarcation				
Monitoring	0	0	0	0
Camping	0	0	0	0
Community Development through Participation				
Community welfare activities (Providing LPG, Pressure cookers, induction, bore well, etc)	No.	0		0
Genrator Batseri villages				0
Wild life Guide Training				50000
Total:-				50000
Infrastructure Development				
Maintenance & repair of building & other structures		As per circle norms/ requirements		
Maintenance of Roads/Paths				
Chhitkul to Tulta	Km	50000	5 km	250000
Barda to Ratya	Km	50000	4 km	200000
Total:-				450000
Habitat improvement				
Maintenance of Afforastation				
Fruit bearing spp. Noshang	3 hac	8550	3 hac	25650
Conifer Plantation Barda	2 hac	8550	2 hac	17100
Mujlang Kanda	2 hac	3000	2 hac	6000
Conifer Rasrang Kanda	2 hac	5750	2 hac	11500
B/L Plantation Nashi	6.5 hac	5750	6.5 hac	37375
Total				97625
Plantation NTFP	0	0	0	0
i) Janapa Kanda	hac.	2750	5	13800
ii) Monaguru kanda	hac.	2750	5	13800



iii) Batseri Kanda	hac.	2750	5	13800
Bonzo NTFP	hac	3640	5	18200
i)Thuch kanda	hac.	2750	3	8250
Plantation NTFP				
Rasrang kanda	Hac	2750	3	8250
Thuch Pabang	Hac	2750	3	8250
Total:-			29	84350
Maintenance of Pasture Development				
i) Singan kanda	hac.	2000	5	10000
ii) Badrey kanda	hac.	2000	5	10000
iii) Botri kanda	hac.	2000	5	10000
Total:-			15	30000
Maintenance of Nursery Raising of nursery plants, etc				
i) Sringcha	hac.	L/S	0.5	100000
ii) Rakchham	hac.	L/S	1	200000
iii) Chhitkul	hac.	L/S	0.5	130000
Total:-				430000
Education and Awareness Generation				
2nd Himachal Bird Festival				0
Bird Ringing workshop				0
Wildlife week Celebration				30000
Wildlife Training				0
Total:-				30000
Wildlife Tourism Management				
Total:-				0
Field equipment				
Office expenses				0
Maintenance of Computers and accessories (fax, printers, photocopier, scanners, etc.)	L/S	L/S	L/S	15000
Total:-				15000
Community Development through Participation				
Human-wild animal Conflict				
Total:-				0
Contingency (2% of total amount)				149634
Sub Total				7481700

PROPOSED ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF SARAHAN PHEASANTRY.

Sr. No.	Item of work/activity	Unit	Rate per unit	Target	Fin. (Rs)
				Phy.	



Infrastructure Development and Maintenance.					
Redevelopment					
Dismantling of Enclosure 4 & 5 at Old Pheasantry	No.	L/S	1	250000	
Westren Tragopan Re Introduction programme.	No.	L/S	1	800000	
Sub-total				1050000	
Maintenance and Operational Costs					
Maintenance of Kitchen-cum-store with chowkidar qtr. at New Sarahan Pheasantry			2	250000	
Electricity supply and maintenance	0	0	0	20000	
Sub-total				270000	
Feeding					
Procurement of food items	L/S	L/S	L/S	200000	
Sub-total				200000	
Capacity building					
Animal Welfare					
Enrichment					
Procurement of nest baskets and fixing				10000	
Lime Wash of enclosures				20000	
Enrichment				20000	
Soil removal and replaced with fresh soil					
Old pheasantry				75000	
New pheasantry				75000	
Sub-total				200000	
Security and Monitoring					
CCTV monitoring			L/S	25000	
Sub-total				25000	
Deployment of security Guard	No.	1 person for 365 days	300/-	109500	
Sub-total				109500	
Total				1854500	
Contingency				52900	
Grand Total				1907400	

PROPOSED ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF PIN VALLEY NATIONAL PARK.					
Non Recurrent Activities	Unit	Rate/unit	Physical	Financial	
Infrastructure Development					
Construction of New building & other structures					
Block Officer Quarters	Nos	1	150000	150000	
Forest Guard Quarters	Nos	1	150000	150000	



Trekker huts		0	0	0	0
Sub-Total					300000
Habitat improvement					
New Plantation					
Pasture improvement	Ha		35800	10	358000
Sub-Total					358000
Soil & moisture conservation					
Plantation of Bio-engineering species		0			
Check dams (BW/DRSM/CWS)	Nos.		25000	5	125000
Check walls/ Breast walls/ Retaining wall	Rmt.		2500	200	300000
Van sarovar/ Water pond	Nos		25000	4	100000
Sub-Total					525000
Others					
Removal of plastics & solid waster management	Ls	Ls	Ls		50000
Sub-Total					50000
Total A.II					933000
Research & Monitoring					
Consultancy services/ honorarium to research scholar		0	Ls	Ls	50000
Sub-Total					50000
Training					
Staff welfare activities					
Providing Ration for patrolling staff	Nos		Ls	Ls	200000
Hiring of staff					
Sub-Total					200000
Total: A.III					250000
Wildlife Protection and Conservation Activities					
Protection					
Deployment of Antipoachers and Antigrazers	Mandays		375	800	300000
Hiring of vehicles for patrolling and nakas etc.			Ls	Ls	50000
POL		0	Ls	Ls	50000
Total: A.IV					400000
Education and Awareness Generation					
Wildlife week and other awarness programme	Nos		25000	4	100000
Publicity material	Nos		10000	3	30000
Photography and videography	Ls	Ls	Ls		50000
Web site develoment	Ls	Ls	Ls		50000
Media management	Ls	Ls	Ls		20000
Total: A.V					250000
Wildlife Tourism Management					
Construction and maintenace of Trekkers Path, etc.	Rmt.		2500	100	250000
Total: A.VI		0	0	0	250000
Field equipment					



Survery & Demarcation				
Camera/ Camera trap/ IR tools	Nos	Ls	2	127000
Camping gear/ equipment kit	Nos	Ls	Ls	75000
Protection				
Field Jacket/shoes, etc.	Nos	5000	7	35000
Communication				
Communication and connectivity to field staff	Months	Ls	Ls	30000
Total: A.VII	0	0	0	267000
Office expenses				
Computers and accessories (fax, printers, photocopier, scanners, etc.)	Nos	Ls	5000	100000
Inverter, Generators	Nos	1	100000	100000
Hiring charges for vehicles	0	Ls	Ls	50000
Statonary, Electricity bills etc	0	Ls	Ls	50000
Maintenance of Vehicles/ POL	0	Ls	Ls	50000
Total: A.VIII	0	1	105000	350000
Community Development through Participation				
Human-wild animal Conflict				
Wild life compensation	Nos	0	Ls	200000
Sub-Total				200000
Veterinary facilities				
Emergency funds to meet the conflict	0	Ls	Ls	1000000
Sub-Total				1000000
Total: A.X				1200000
Total: A	0	0	0	4200000
G.Total: A				4200000
Infrastructure Development				
Maintenance & repair of building & other structures				
Maintenance of Roads/Paths				
Training				
Workshop/Seminars	Nos	Ls	Ls	100000
Sub-Total				100000
Staff welfare activities				
Other ammenties to staff	Nos	Ls	Ls	50000
Hiring of staff				
Sub-Total				50000
Total: B.III				150000
Wildlife Protection and Conservation Activities				
Protection				
Hiring of vehicles for patrolling and nakas etc.	0	Ls	Ls	50000
POL	0	Ls	Ls	50000
Total: B.IV				100000
Education and Awareness Generation				



Sinages					150000
Total: V					150000
Wildlife Tourism Management					
Publicity/books/magazines/ Websites	0	0	Ls		100000
Wi-Fi facilities/connectivity/ web portal	Nos		4	50000	200000
Total: B.VI					300000
Field equipment					
Office expenses					
Statonary, Electricity bills etc	0	0	ls		50000
Maintenance of Vehicles/ POL	0	0	Ls		50000
Total: B.VIII					100000
Community Development through Participation					
Human-wild animal Conflict					
Veterinary facilities					
Advertisement and publicity	0	0	0		50000
Creation of infrastructure for relocated wild animals	Nos		1	250000	250000
Total: B.X					300000
Total: B					1100000
Contingency (2% of total amount)					50000
	G.Total: B				1150000
	G.Total: A+B				5350000

PROPOSED ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOLDAM FOR THE YEAR 2022-2023 IN RESPECT OF KIBBER WILD LIFE SANCTUARY.				
Non Recurrent Activities	Unit	Rate/unit	Physical	Financial
Infrastructure Development				
Construction of New building & other structures				
Range office cum residence	1		1	300000
Sub-Total				300000
Habitat improvement				
New plantation				
Pasture improvement	ha	39900	20	798000
Sub-Total				798000
Soil & moisture conservation				
Check dams (BW/DRSM/CWS)	Nos.	20000	40	800000
Check walls/ Breast walls/ Retaining wall	Rmt	Ls	200	500000
Sub-Total				1300000
Others				
Removal of plastics & solid waster management	0	Ls	Ls	40000
Sub-Total				40000
Total A.II				2138000



Capacity Building/Training/ Research & Monitoring				
Survey/Census/ Estimation of Flora & Fauna				
Web site development of PA	Ls	Ls	Ls	50000
Sub-Total				50000
Training				
Exposure visits	0	0	Ls	300000
Workshop/Seminars	0	0	Ls	50000
Sub-Total				350000
Staff welfare activities				
Providing Ration for patrolling staff		Ls	Ls	100000
Sub-Total				100000
Wildlife Protection and Conservation Activities				
Protection				
Deployment of Antipoachers and Antigrazers	Mandays	375	800	300000
Hiring of vehicles for patrolling and nakas etc.	Nos	Ls	Ls	50000
Antipoaching Camps	Nos	2	30000	60000
Total:A-IV				410000
Education and Awareness Generation				
Wildlife week and other awarness programme	Nos	25000	2	50000
Publicity material	Ls	Ls	Ls	50000
Photography and videography	Ls	Ls	Ls	50000
Total: A-V				150000
Wildlife Tourism Management				
Construction of Interpretation center, Information center, Auditorium, Liabrary, Conference hall, etc	No	1	100000	100000
Signages	Nos	10000	5	50000
Total: A-VI	0	0	0	150000
Field equipment				
Survery & Demarcation				
Protection				
Field Jacket/ snow shoes etc.	No.	5000	5	25000
Communication				
Communication and connectivity to field staff	0	0	Ls	75000
Total: A-VII	0	0	0	100000
Office expenses				
Computers and accessories (fax, printers, photocopier, scanners, etc.)	Ls	Ls	Ls	150000
Inverter, Generators	Ls	Ls	Ls	100000
Furniture for office	0	0	Ls	100000
Hiring charges for vehicles	0	0	0	0
Statonary, Electricity bills etc	0	Ls	Ls	100000
Maintenance of Vehicles/ POL	0	Ls	Ls	50000



Total: A-VIII		0	0	0	500000
G.Total: A					4248000
Recurrent expenditure					
Infrastructure Development					
Maintenance & repair of building & other structures					
Forest Guard Quarters	Nos	Ls	2		200000
Office building	Nos	Ls	1		200000
Sub-Total					400000
Training					
Exposure visits		Ls	Ls	Ls	200000
Workshop/Seminars		0	25000	3	75000
Sub-Total					275000
Staff welfare activities					
Other ammenties to staff	Nos	Ls	Ls		75000
Wildlife Protection and Conservation Activities					
Protection					
Emergency funds to meet the conflict					527000
Antipoaching Camps		0	0	0	30000
POL			Ls	Ls	50000
Total: B-IV					607000
Office expenses					
Stationary, Electricity bills etc		0	Ls	Ls	50000
Maintenance of Vehicles/ POL		0	Ls	Ls	25000
Total: B-VIII					75000
Human-wild animal Conflict					
Capturing / Transportation Cages	No	Ls	2		150000
Sub-Total					150000
Veterinary facilities					
Engaging people for monitoring and Driving away of problematic wild animals	Man days		375	120	45000
Sub-Total					45000
Total: B-X					195000
Total: B					1627000
Contingency (2% of total amount)	L/S			L/S	50000
G.Total: B					1677000
Total: A+B					5925000

PROPOSED ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF CHANDERTAL WILDLIFE SANCTUARY

Item of Work	Unit	Rate per unit	Total	
			Physical	Financial
Non Recurrent Activities				
Infrastructure Development				



Soil & moisture conservation				
Plantation of Bio-engineering species	0			0
Check dams (BW/DRSM/CWS)	No.	15000	6	90000
Sub-Total				90000
Capacity Building/Training/ Research & Monitoring				
Survey/Census/ Estimation of Flora & Fauna				
Herbivores survey	No	25000	2	50000
Sub-Total				50000
Research & Monitoring				
Training				
Workshop/Seminars	No	50000	2	100000
Sub-Total				100000
Staff welfare activities				
Providing ration for patrolling staff	Ls	Ls	Ls	150000
Sub-Total				150000
Wildlife Protection and Conservation Activities				
Protection				
Deployment of Antipoachers and Antigrazers	MD	375	800	300000
Hiring of vehicles for patrolling and nakas etc.		Ls	Ls	50000
Antipoaching Camps	Nos	30000	2	60000
POL	0	Ls	Ls	100000
Total:-A-IV				510000
Education and Awareness Generation				
Wildlife week and other awarness programme	0	Ls	Ls	50000
Publicity material	Ls	Ls	Ls	50000
Photography and videography	Ls	Ls	Ls	10000
Web site develoment	Ls	Ls	Ls	25000
Media management	Ls	Ls	Ls	15000
Books, Magzines, Toposheets and Maps etc.	0	0	0	10000
Training Halls	0	0	0	0
Total:-A-V				160000
Wildlife Tourism Management				
Signages	Nos	Ls	LS	50000
Total:-A-VI		0	0	50000
Field equipment				
Survry & Demarcation				
Camping				
Camping gear/ equipment kit	Ls	Ls	Ls	100000
Protection				
Field Jacket, etc.	Nos	5000	5	25000
Communication				
Communication and connectivity to field staff	0	Ls	Ls	50000
Total:-A-VII	0	0	0	175000
Office expenses				
Computers and accessories (fax, printers, photocopier, scanners, etc.)	Ls	5000	10	50000
Statonary, Electricity bills etc	0	0	Ls	50000
Total:-A-VIII	0	5000	10	100000



Community Development through Participation				
Human-wild animal Conflict				
Facilities for Rescued animals	0	0	Ls	100000
Veterinary facilities				
Total:A-X	0	0	0	100000
G.Total: A				1485000
Infrastructure Development				
Maintenance & repair of building & other structures				
FRH/Field hostel/Trekker hut (Construction of gate)	Nos	Ls	1	100000
Repair of Chandertal Wild Life Sanctuary Entry Gate	Nos	500000	1	500000
Sub-Total				600000
Habitat improvement				
Maintenance of Plantation				
Pasture improvement	Hac	39900	5	199500
Sub-Total				199500
Maintenance of Nursery				
Water supply/storage/lifting system	Rmt.	300000	1	300000
Sub-Total				300000
Soil & moisture conservation				
Others				
Sub-Total				0
Total: B.II				499500
Capacity Building/Training/ Research & Monitoring				
Research & Monitoring				
Training				
Training of field staff - wildlife techniques	0	0	Ls	50000
Sub-Total				50000
Staff welfare activities				
Other ammenties to staff	Nos	Ls	Ls	50000
Sub-Total				50000
Wildlife Protection and Conservation Activities				
Protection				
Hiring of vehicles for patrolling and nakas etc.	Nos	Ls	Ls	50000
Antipoaching Camps	Nos	Ls	Ls	30000
POL	0	0	0	50000
Total:B-IV				130000
Education and Awareness Generation				
Wildlife Tourism Management				
Office expenses				
Maintenance of Vehicles/ POL	0	Ls	Ls	50000
Total:B-VIII				50000
Community Development through Participation				



Human-wild animal Conflict				
Training to staff on rescue of Wildanimals	Nos	10000	3	30000
Tranquillising gun and accessories-maintenance	Nos	75000	1	75000
compensation for livestock kills	Ls	Ls	Ls	300000
Sub-Total				405000
Veterinary facilities				
Emergency funds to meet the conflict	Ls	Ls	Ls	60000
Advertisement and publicity	0	Ls	Ls	50000
Sub-Total				110000
Total: B-X				515000
Sub Total:B				1194500
Contingency (2% of total amount)				40500
G.Total:B				1235000
G.Total: A+B				2720000

PROPOSED ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF GREAT HIMALAYAN NATIONAL PARK				
Item of Work	Unit	Rate per unit	Total	
			Phy.	Fin.
2	3	4	5	6
Non Recurrent Activities				
Infrastructure Development				
Construction of New building & other structures				
Const. Of Bathroom & Toilet at Fgd. Qtr Shangarh. (Sainj Range)	No.	LS	1	2.00
Const. Of Toilet at Forest Guard Qtr Sainj (Sainj Range)	No.	LS	1	1.00
Patrolling huts/ Transit camps				
Completion of Interpretation Centre at GHNP Shamshi	No.	LS	1	50.00
Support to Civil Construction of NLC	No.	LS	1	53.27
Sub Total A.I.A. 1				106.27
Construction of New Roads/Paths				
Total A.1.b				0
Inspection/Bridle paths, etc.				
Bridges, Foot Bridge, etc				
Const. of Diphi at Gallu Thach Nala (Sainj Range)	No.	LS	1	0.95
Const. of Diphi at Grenda Nalla (Sainj Range)	No.	LS	1	0.90
Const. of Diphi at Khanoru Nala (Sainj Range)	No.	LS	1	0.90
Construction of Wooden Bridge at Rolla (Tirthan Range)	No.	LS	1	2.50
Const. of Wooden Foot Bridge at Bihali (Jiwanal Range)	NO.	LS	1	1.00
Const. of Wooden Foot Bridge at Humaghar (Jiwanal Range)	NO.	LS	1	1.00
Const. of Wooden foot Bridge at Khota Nal (Jiwanal Range)	NO.	LS	1	0.50
Const. of Bridge at Kunder Nalla	NO.	LS	1	1.00
Total A.1.b.1				8.75
Total				115.02



Habitat improvement				
ANR				
New Plantation at Gahidhar (Jiwanal Range)	ha	26000	3	0.78
New Plantation at Niyaga (Jiwanal Range)	ha	26000	2	0.52
Total ANR			5	1.3
Soil & moisture conservation				
Check dams (BW/DRSM/CWS)				
Const. of RCC R/Wall at I/Hut at Barshanghar (Sain j Range)	No.	LS	1	1.50
Const. of RCC R/Wall at Forest Guard Shanghar (Sain j Range)	No.	LS	1	1.50
Const. of RCC P/Wall at Fgd Barshanghar (Sain j Range)	No.	LS	1	1.50
Const. of DRSM C/Wall at Chhota Devta age (Sain j Range)	No.	LS	6	0.90
C/wall at Mulla Pani (Tirthan Range)	No.	LS	5	0.98
B/Wall Behind Fgd Hut Bathad (Tirthan Range)	No.	LS	1	0.95
B/Wall at Anjana Dhar (Tirthan Range)	No.	LS	2	0.98
DRSM R-Wall at Bihali Nala (jiwanal Range)	No.	LS	4	1.00
C-Wire R/Wall at Darashad (jiwanal Range)	No.	LS	3	0.99
C-Wire R/Wall at Nichla Darashad (jiwanal Range)	No.	LS	3	0.99
Sub Total: A-II-C				11.29
Others				
W.H.S				
Const. of Water Pond at Basu (Tirthan Range)	No	LS	1	0.90
Const. of Water Pond above Bandru point. Tirthan Range)	No	LS	1	0.90
Sub Total A-II-D				1.80
A.II-Total:				14.39
Capacity Building/Training/ Research & Monitoring Reserch & Monitoring (Outstanding Universal Value of GHNP)				5.00
Survey/Census/ Estimation of Flora & Fauna				
Pheasants /Birds survey		LS		0.00
Sub Total:A.III.a.				5.00
Conservation & propogation of Medicinal plants				
in-situ conservation:				
ex-situ conservation:				
establishment of germplasm bank for conservation, demonstration & research				1.00
Consultancy services/ honorarium to research scholar				0.50
Sub Total: A.III.b				1.50
Training				
Training of field staff - wildlife techniques				0.50
Workshop/Seminars				0.50
Disaster management- awareness training				0.25
Sub Total:A.III.c				1.25
Staff welfare activities				
Other ammenties to staff				0.50



Providing LED based Solar lamps for the staff deployed in Antipoaching Camps (Three Ranges					2.00
Providing Ration for patrolling staff (Upto RO Level) as the Frontline Staff have to maintain to establishments, one at home and another in the field (Three Ranges)					3.00
Veterinary Care/ Health Camp at fringe villages of GHNPCHA (3 in each range)	no.				1.00
Sub Total:A.III.d.					6.50
Total					14.25
Wildlife Protection and Conservation Activities					
Protection					
Deployment of Antipoachers and Antigrazers					2.00
Fire watchers					
Man days (Three Ranges)	Days	300	500		1.50
Construction of Watch towers					
Constuction and maintenace of fire lines					
Fire alert system					
Control burning around PAs					
Hiring of vehicles for patrolling and nakas etc.					0.50
Incentive to infomrrers					
Vaccination of cattles/livestock					
Motor boat					
POL					0.50
Wildlife disease managemnt- Preventive & Control measures during outbreak of diseases (e.g. Bird flu, FMD, etc.)					
Sub Total:A.IV.a					4.50
Total					4.50
Education and Awareness Generation					
Wildlife week and other awarness programme	no.				1.00
Publicity material					1.00
Photography and videography	no.				
Media management					
Books, Magzines, Toposheets and Maps, etc.					0.30
Sub TotalA. V					2.30
Total					2.30
Wildlife Tourism Management					
Rainshelter					
Rain Shelter at Bhindi Thach	No.	LS	1		0.95
Solar lights					
Benches/pergola/Garbage Pit					
Pargola at Deokanda	No.	LS	1		0.95
Pargola at Khorlipo	No.	LS	1		0.95
Pargola at Bakhari	No.	LS	1		0.95
Garbage Pit at Ropa	No.	LS	1		0.50
Signages					
Sign board					0.50
Construction of Pre-fabricated camp					
Development of camping site					1.00



Tourist facilities like toilets, drinking water facilities, canteen,					10.00
Sub Total:A.VI					15.80
Total					15.80
Protection					
Fire extinguishers (Co2)					0.50
Communication					
Sub Total A.VII					0.50
Total					0.50
Office expenses					
Computers and accessories (fax, printers, photocopier, scanners, etc.)					
Statonary, Electricity bills etc					0.70
Maintenance of Vehicles/ POL					0.50
LED TVs, Projectors, etc					
ii. LCD Projector					
Sub Total A. VIII					1.20
Total					1.20
Community welfare activities (Providing LPG, Pressure cookers, induction cooker, etc.					1.00
Total Non Recurring					168.96
Recurrent expenditure					
Infrastructure Development					
Maintenance & repair of building & other structures					
Range office cum residence					
Block Officer Quarters					
Forest Guard Quarters					
Maint. of Fgd Hut Mashiyar at Bathad	No.	LS	1		0.70
Maint. Of Fgd Hut Gushaini Beat at Shairopa	No.	LS	1		0.90
Maint. Of Fgd Hut at Majhan	No.	LS	1		0.60
Maint. Of Fgd Qtr. Shakti	No.	LS	1		0.60
Maint. of Forest Guard Qtr Shangarh	No.	LS	1		0.60
Maint. of Forest Guard Qtr Bah	No.	LS	1		0.60
Maint. Of Fgd Qtr. Barshangarh	No.	LS	1		0.60
Maint. Of Fgd Qtr. Ropa	No.	LS	1		0.60
Staff Quarters					
Maint. of Mali Hut at Chaniyara Nry	1 No.				0.50
Maint. Of Malli Qtr. Sainj	1 No.				0.50
Office building					
Stores					0
Toilet					0
Maint. Of Toilet & Bathroom at Shakti (sainj Range)		LS			1
Maint. Of Toilet & Bathroom at Marror (Sainj Range)		LS			1
FRH/Field hostel/Labour huts, etc.					
Maint. Of P/Hut Chalocha (Tirthan Range)	No.	LS	1		0.8
Maint. Of P/Hut Shilt (Tirthan Range)	No.	LS	1		0.8
Maint. Of P/Hut Swankanda (Jiwanal Range)	No.	LS	1		0.60
Maint. Of P/hut at Kalikanda (Jiwanal Range)	No.	LS	1		0.7
Maint. Of P/hut at Jagnahu (Sainj Range)	1 No.	1.00			0.5
Maint. Of P/hut at Shumga Thach (Sainj Range)	1 No.				0.60



Trekker/ Inspection huts					0
Maint. Of I/hut at Lapah	1 No.				0.80
Maint. Of I/hut Barshangarh (Water Fitting & Kitchen/Toilet)	1 No.				0.70
Maint. Of I/hut Kahna	1 No.				0.80
Sub Total:B.I.A. 1					14.50
Maintenance of Roads/Paths					
Management road					
Maint. of Inspection/Bridle paths, etc.					
Bhimu Dehura to Thahri (Tirthan Range)	Kmtr.	LS	4		0.70
Jhaniyar to Manoni (Tirthan Range)	Kmtr.	LS	3		0.70
Manhar to Shalinga (Tirthan Range)	Kmtr.	LS	6		0.90
B/Path from Entry gate to Daran (Tirthan Range)	Kmtr.	LS	4		0.95
Rolla, Shilt to Chhodwar (Tirthan Range)	Kmtr.	LS	9		0.95
Nada to Upper Balu (Tirthan Range)	Kmtr.	LS	4		0.80
Kharungcha to Upper Nursery via Basu (Tirthan Range)	Kmtr.	LS	9		0.95
Chhodwar to Rakhundi (Tirthan Range)	Kmtr.	LS	5		0.95
Rakhundi to Ghumtrao (Tirthan Range)	Kmtr.	LS	4		0.80
E/Gate to Jhaleri (Tirthan Range)	Kmtr.	LS	5		0.80
Pekhari to Nahin (Tirthan Range)	Kmtr.	LS	4		0.50
Basu to Upper Nursery (Tirthan Range)	Kmtr.	LS	5		0.60
Maint. of I/Path Swankanda to Bung (Jiwanal Range)	Kmtr.	LS	4		0.48
Maint. of I/Path Tungh to Banshira (Jiwanal Range)	Kmtr.	LS	5		0.60
Maint. Of I/Path Sutala(Bagikshadi Gad to Baggi) (Jiwanal Range)	Kmtr.	LS	4		0.48
Maint. Of I/Path Riyara Bihali to Neri via karihla (Jiwanal Range)	Kmtr.	LS	6		0.48
Maint. Of I/Path Chiladhar to Thakuage (Jiwanal Range)	Kmtr.	LS	7		0.72
Maint. Of Path from FRH Shangarh to Thinni (Sainj Range)	Kmtr.	LS	6		0.90
Maint. Of Path from FRH Shangarh to Shargot (Sainj Range)	Kmtr.	LS	6		0.90
Maint. Of Path from Ropa to Birashangarh (Sainj Range)	Kmtr.	LS	7		0.70
Maint. Of Path from Kuli Ban to Thatti (Sainj Range)	Kmtr.	LS	6		0.90
Sub Total:B.I.b.1.					15.76
Total					30.26
Habitat improvement					
Maintenance of Plantation					
Afforestation					
i. 1st year plantation at Upper Padhra (Sainj Range)	ha	6850	3		0.206
ii. 2nd year plantation at Rattiamati (Jiwanal Range)	ha	4600	5		0.23
iii. 2nd year year plantation at Paluni Pather (Jiwanal Range)	ha	4600	2		0.902
iv.5th year palantation at Frari & Anah	ha	2400	10		0.24
v. 5th year plantation at Shalinga (Tirthan Range)	ha.	2400	4		0.906
Enrichment					
i.1st Year plantation at Tandidhar (sainj Range)	ha.	5000	2		0.1
ii.1st Year plantation at Binoga (sainj Range)	ha.	5000	3		0.15
Pasture improvement					



i. 5th year plantation at Deo Knada (Tirthan Range)	ha	740	15	0.111
Total maintenance		31590		2.845
B.II.a				2.845
Maintenance of Nursery				
Maint. Dev. Of nurseries				1.00
Water supply/storage/lifting system				1.00
B.II.b Sub Total				2.00
Total				4.85
Capacity Building/Training/ Research & Monitoring				
Survey/Census/ Estimation of Flora & Fauna				
Research & Monitoring				
Research & Monitoring				5.00
Sub Total B.III.b				5.00
Training				
Staff welfare activities				
Hiring of staff				
Total:				5.00
Field equipment				
Community Development through Participation				
Strengthening livelihood of local communities	no.			5.00
Support to Ecodevelopment committees, Self help groups				1.00
Total				1.00
Veterinary facilities				
Total :Recurrent expenditure				46.105
Total: Non-Rec.+Rec.				215.065
Contingency				2.345
G.Total:				217.41

ANNUAL PLAN OPERATION OF PROTECTED AREA FOR THE YEAR 2022-23 IN RESPECT OF "KAIS WILD LIFE SANCTUARY"							
SN	Item of Work/area/location	Block	Beat	unit	Rate per Unit	Target	
						Phy	Fin
1	2	3	4	5	6	7	8
Non Recurrent Activities							
Infrastructure Development							
Construction of New building & other structures							
i	C/o Gate in I/Hut Matin	Kais	Tandla	no	L/s	1	225000
ii	C/o of corridor from Kitchen to I/Hut Matin with CGI roofing	Kais	Matk ochhar	Mtr	L/s	15 Mtr	375000
Sub Total							600000



Soil & Water Conservation							
Check walls/ Breast walls/ Retaining wall/ Check dam							
i	Disilatation of water pond in Tandla beat	Kais	Matik ocher	No	20000	5	100000
ii	Disilatation of water pond in Matikochar beat	Kais	Tandla	No	20000	5	100000
iii	C/o of C/Wall at Footasaur	Kais	Tandla	No	20000	4	80000
iv	C/O of C/Wall at Galu Nala	Kais	Tandla	No	20000	4	80000
v	C/O of C/Wall at Mundal Nala	Kais	Matik ochhar	No	20000	4	80000
vi	C/O of C/Wall at Chor Ruar Nala	Kais	Matik ochhar	No	20000	4	80000
vii	C/O of C/Wall at Haani Nala	Kais	Matik ochhar	No	20000	4	80000
Sub Total							600000
Community Development through Participation							
i							
Sub Total							0
TOTAL NON RECURRING							1200000
Reccuring Activities							
Infrastructure Development							
Maint of Buildings							
i	Maint. Of FGd Hut Tandala	Kais	Tandla	No.	L/s	1	75000
ii	Maint. Of FGd HutMatikochar	Kais	Matik ochhar	No.	L/s	1	50000
iii	Maint. Of Entry Gate of Kias WLS	Kais	Matik ochhar	No.	L/s	1	24200
iv	Maint. Of I/Hut compound	Kais	Matik ochhar	No.	L/s	1	30000
Sub Total							179200
Maintenance of Road/Paths I Paths							
i	Maintt. of I/Path from Matin To Ublada	Kais	Matik ochhar	Km	L/s	6	80000
ii	Maintt. Of i/Path from Khuar nala to Mundal thach	Kais	Tandla	Km	L/s	5	70000
Total							11
150000							
Wildlife Protection and Conservation Activities							
Protection							



i	Fire Watchers	Kais	Matik oher & Tandl a	M/Days	325 per day	2 for 6 month s	117000	
ii	Repair of Boundary Pillars small	Kais	Matik oher & Tandl a	No	3000	18.1	54300	
Sub Total							171300	
Education and Awareness Generation								
i	Wildlife week and other awarness programme	Kais	Matik oher & Tandl a	L/s	L/s	L/S	35000	
Sub Total							35000	
Others								
i	Salt licks	Kais WLS		L/s	L/s	L/S	25000	
Communication								
i	Communication and connectivity to field staff	Matikoher & Tandla	Kais	No.	300	3 person for 12 Month s	10800	
Sub Total							35800	
Office Expenses								
i	Water, Electricity, Statinery etc	Kais	Kais	L/s	L/s	L/S	30000	
Sub Total							30000	
Nursery								
Habitat Improvement								
Maintenance of Plantation								
Human Wildlife Conflict								
Total							100000	
TOTAL RECURRING							726300	
TOTAL RECURRING & NON- RECURRING							1926300	
i	Opertional Charges							38500
G. TOTAL							1964800	

ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF BANDLI WLS							
SN	Item of Work/area/location	Name of Block	Beat/ location	Unit	Rate per unit (Rs.)	Target	
						Phy.	Fin. (Rs)
Non Recurrent Activities							
Infrastructure Development							



Construction of New building & other structures							
Habitat improvement							
New Enrichment Plantation							
i	Belnu	Bobber	Bobber	Ha	45000	3	135000
Total						3	135000
Soil & Moisture Conservation							
i) Construction of Check Walls/Breast walls/ Retaining Walls							
i	Nered Nala	Bobbar	Khurahal	No.	25000	2	50000
ii	Neri Nala	Bobbar	Soul	No.	25000	2	50000
iii	Vinayak	Bobbar	NAC Trambri	No.	25000	2	50000
iv	Chuli nala	Bobbar	Bobber	No.	25000	2	50000
v	Sariun Nala	Bobbar	Maloh	No.	25000	3	75000
Sub-Total						11	275000
ii) Construction of Check Dams (BW/ DRSM /CWS)							
i	Darwa Nala	Bobbar	Bobber	No.	25000	4	100000
ii	Badhu Nala	Bobbar	Soul	No.	25000	2	50000
iii	FTI Nala	Bobbar	NAC Trambri	No.	25000	2	50000
Sub total							200000
C/O of water ponds :-							
i	Sariun Nala	Bobbar	Maloh	No.	25000	1	25000
ii	Sawad	Bobbar	NAC Trambri	No.	25000	1	25000
iii	Stern Nala	Bobbar	Khurahal	No.	25000	1	25000
Sub Total							75000
Capacity Building/Training/ Research & Monitoring							
Staff welfare activities							
i	Provision of ration during patrolling etc	Bobbar	DPF Bandli	L/S	L/s	L/S	75000
Others							
i	Augmentation of Salt licks	Bobbar	Bandli Sanctury	L/S	L/s	L/S	50000
Sub-Total							125000
Education and Awareness Generation							
i	Celebration of Wild Life Week	Bandli Sanctury	Bandli Sanctury	No	L/s	L/S	40000
Total							40000
Wildlife Protection and Conservation Activities							
Protection							
vii	Fire Watcher	Bobbar	DPF Bandli	No.	300	5 for 12 months	90000
ix	Hiring of Vehicle for Petrolling and Naka	Bobbar	DPF Bandli	L/S	L/s	L/s	35000
Sub-Total							125000
Communication							



i	Communication and connectivity to field staff	Bobbar	W/L Range SNR	No.	Rs.300/- PM	9 person for 12 Months	32400
Sub-Total							32400
Office Expenses							
i	Stationary, Electricity bills etc.		W/L Range SNR	L/S	L/S	L/S	50000
Sub-Total							50000
Total Non Recurring							1057400
Recurrent expenditure							
Infrastructure Development							
Maintenance & repair of building & other structures							
i	Maint of Fg Hut Saul	Bobbar	Saul beat	No.	1	L/S	75000
ii	Maint. of Range Store		At Range office Compound	No.	1	L/S	47600
		Bobbar					
Sub-Total							122600
Maintnace of inspection/Bridle paths, etc.							
i	Maint. of path From FTI to Mulkh Maidan	Bobbar	NAC Trambli	Kms	2	L/S	80000
ii	Maint. Of Rera foot Bridge	Bobbar	Saul	No.	1	L/S	40000
Sub-Total							120000
Habitat improvement							
Maintenance of Plantation							
1. Afforestation							
i	Sariun Nala	Bobbar	Maloh	Ha	3000	3	9000
ii	Nokhi Nal	Bobbar	Bobbar	Ha	3000	3	9000
2. Enrichment Planting							
i	Nered Nala	Bobbar	Soul	No	3000	3	9000
ii	Gehrinal	Bobbar	Bobber	No	3000	5	15000
iii	Kohilnala	Bobbar	Maloh	No	3000	5	15000
iv	Dohra	Bobbar	Khural	No	3000	3	9000
Sub-Total							22 66000
Wildlife Tourism Management							
Signage							250000
Publicity Material							100000
Human Wildlife Conflict							125000
TOTAL RECURRING							783600
	Operational support	Bandli			L/S	L/s	36800
G.Total							1877800



ANNUAL PLAN OPERATION OF PROTECTED AREA UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF "KANAWAR WILD LIFE SANCTUARY"								
1	Item of Work/area/location	Beat/Block	Unit	Rate per unit (Rs. in lac.)	Target		Location	
					Phy.	Fin.	Lat	Long
2	3	4	5	6	7	8	9	
Non Recurrent Activities								
Habitat improvement								
1. Enrichment Planting (800 Plants)								
i	R/4 Reuna Grahan/Kanawar	Grahan	ha	45000	2	90000	N 31°57'41"	E 077°21'03"
2. Tall Planting (200per ha)								
i	2/7 Gadunju	Grahan/Grahan	ha	48000	2	96000	N 31°58'64 7"	E 077°17'54 1"
ii	Kasol	Kasol	ha	48000	5	240000	N 31°59.20' 05"	E077°19.1 6'06"
Sub-Total					9	426000		
Soil & Moisture Conservation								
Check Dam								
i	2/4 Kasol Mathinala	Kasol/Kanawar	No.	0.20	5	100000	N 31°59.60 6"	E 077°19.33 8"
ii	2/7 Tilalotan	Tilalotan / Kanawar	No.	0.20	5	100000	N31°57.1 9'70"	E 077°24.38' 69"
iii	Hargrain	Hargrain Kanawar	No.	0.20	5	100000	N 31°53.08' 06"	E 077°21.10' 09"
iv	2/6 Reuna Bakar thach	Grahan/ Kanawar	No.	0.20	5	100000	N 31°57.57' 89"	E 077°20.52' 05"
v	Kharali Nala	Grahan/ Kanawar	No.	0.20	5	100000	N 31°57.57' 89"	E 077°20.52' 05"
vi	2/6 Mangthach	Grahan/ Kanawar	No.	0.20	5	100000	N 31°58.07' 99"	E 077°22.12' 20"
vii	Bandag C-6	Bandag/ Kanawar	No.	0.20	5	100000	N 31°57.29' 68"	E 077°27.24' 62"
Check walls/ Breast walls/ Retaining wall								



i	Kharali	Grahan/ Kanawar	No.	0.20	5	100000	N 31°58 647'	077°17 541'
ii	2/7 Tilalotan	Tilalotan /Kanawa r	No.	0.20	5	100000	N 31°57.19' 70"	077°24.38' 69"
iii	2/6 Bhandag	Bhandag /Kanawa r	No.	0.20	5	100000	N 31°57.29' 68"	077°27.24' 62"
vi	Mathinal	R/4 Kasol/Ka nawar	No.	0.20	5	100000	N 31°59.20' 05"	E 077°19.16' 06"
v	Grahan C-IV	Grahan/ Kanawar	No.	0.20	5	100000	N 31°57.57' 89"	E 077°20.52' 05"
vi	Patherbhega Nala	Grahan/ Kanawar	No.	0.20	5	100000	N 31°57.57' 89"	E 077°20.52' 05"
vii	Ratachmela Luripat	Kasol/Ka nawar	No.	0.20	5	100000	N 31°59.20' 05"	E 077°19.16' 06"
vii i	Bakarthach	Grahan/ Kanawar	No.	0.20	5	100000	N 31°57.57' 89"	E 077°20.52' 05"
Van sarovar/ Water pond					75			
i	Grahan Padari	Grahan/ Kanawar	No.	0.3	2	60000	N 31°57.57' 89"	E 077°20.52' 05"
ii	Nagaru	Grahan/ Kanawar	No.	0.3	2	60000	N 31°58.03 0"	E 077°22.'44 8"
iii	Kasol	Kasol/ Kanawar	No.	0.3	2	60000	N 31°59.20' 05"	E 077°19.16' 06"
Total SMC						1680000		
Wild life Protection								
i	Deployment of Antipoachers and Antigrazers	WLS Kanawar	No.	Rs. 300/- per day	2 for 12 months	216000	770 17'00" to 770 23'00"E	31055'00" to 32001'00" N
ii.	Fire watchers	WLS Kanawar	No.	Rs.300/ - per day	6 for 3 months	148500	770 17'00" to 770 23'00"E	31055'00" to 32001'00" N
iii	Group Patrolling	WLS Kanawar	L/S	L/S	L/S	50000	770 17'00" to 770 23'00"E	31055'00" to 32001'00" N
iv	Hiring of Vehicle	WLS Kanawar	L/s	L/s	L/s	15000	770 17'00" to	31055'00" to



							770 23'00"E	32001'00" N
	Total Protection					429500		
Education and Awareness Generation								
i	Wildlife week		L/S	L/s	L/S	50000	770 17'00" to 770 23'00"E	31055'00" to 32001'00" N
ii	Work shops with Local people	WLS Kanawar	L/S	L/s	L/S	50000	770 17'00" to 770 23'00"E	31055'00" to 32001'00" N
Sub-Total						100000		
Wildlife Toursim Activities								
i	Signages & publicity material	WLS Kanawar	L/S	L/s	L/s	150000	770 17'00" to 770 23'00"E	31055'00" to 32001'00" N
ii	Training/Work Shops	WLS Kanawar	L/S	L/s	L/s	50000	770 17'00" to 770 23'00"E	31055'00" to 32001'00" N
Communication								
i	Communication and connectivity to field staff	WLS Kanawar	No.	Rs.300/ - PM	4 person for 12 Months	14400		
Development of camping site								
i	Nagahru	Grahan/ Kanawar	No.	L/s	1	100000	N 31°57.57' 89"	E 077°20.52' 05"
ii	Bakarthach	Grahan/ Kanawar	No.	L/s	1	100000	N 31°57.57' 89"	E 077°20.52' 05"
						414400		
Office Expenses								
i	Statonary, Electricity bills etc	WLS Kanawar	L/S	L/s	L/s	45100		
Total Non Recurring Acvtivities						3095000		
Reccuring Activities								
Infrastructure Development								
Buildings								
i	Maint. of Type I Quarter Kasol	Kasol/Kasol	L/s	L/s	L/s	80000	N 32°00 41"	E 077°18 58"
ii	Repair of B.O Qtr Graham at Kasol	Grahan/ Graham	L/s	L/s	L/s	80000	N 32°00 41"	E 077°18 58"



iii	C/o of water storage tank for Grahan Nursery	Grahan nsry	L/s	L/s	L/s	100000	N 31°96'264"	E 077°35'081"
iv	Repair to type -II Qtr near Wild Life range Kullu	Kasol/ Kullu	2 no	L/s	L/s	100000	N 31°57'35.39"	77°06'45.12"
v	Repair to type-I Qtr at Kullu	Kasol/ Kullu	2 no	L/s	L/s	100000	N 31°57'35.39"	E 77°06'45.12"
Maintenance of Road/Paths I								
Paths								
i	Repair B/path from C-II to B Halron	Kasol	Kms	0.20	5Km	100000	N 31°59.20'05"	E 077°19.16'06"
ii	Repair B/path from Ursu to Hargrain	Hargrain	Km	0.20	5Km	100000	N 31°53.08'6"	E 077°21.10'96"
iii	Repair B/path from Grahan To Nagahru	Grahan	No.	0.20	5Km	100000	N 31°57.57'89"	E 077°20.52'05"
iv	Repair B/path from ManiharTo Hargrain	Hargarin	No.	0.20	5Km	100000	N 31°53.08'6"	E 077°21.10'96"
vi	Repair B/Path from Grahan to Kharli	Grahan	No.	0.20	5Km	100000	N 31°57.57'89"	E 077°20.52'05"
Total Roads Paths						500000		
Sub Total						960000		
Habitat improvement								
Maintenance of Plantation								
1. Afforestation								
i	Gharunju Cvii	Grahan/ Ghrunju	Ha	3000	5	15000		
ii	2/6 Cvii Bhandag	Kasol/ Bhandag	Ha	4000	10	40000	N 31°57.29'68"	E 077°27.24'62"
2. Enrichment								
i	Bhandag 2nd year maint.	Kasol/ Bhandag	Ha	4000	2	8000	N 31°57.29'68"	E 077°27.24'62"
ii	Grahan. 2nd year maint.	Graham/ Grahan	Ha	4000	2	8000	N 31°57.57'89"	E 077°20.52'05"
iii	Hargrain 2nd year maint.	Ksol/ Hargrain	Ha	4000	2	8000	N 31°53.08'6"	E 077°21.10'96"



iv	Grahan 1st year	Ksol/Hargrain	Ha	6000	2	12000	N 31°57.57' 89"	E 077°20.52' 05"
Total						91000		
Up-grading/improvement of nursery								
i	Kasol Nry	Kasol/Kasol	No.	1	L/S	100000		
ii	Gharan NTFP	Grahan/Grahan	No.	1	L/S	100000	N 31°96' 264"	E077°35' 081"
Protection								
	Human Wildlife Conflict		L/S	L/S	L/S	275000		
Total Recurring Activities						1526000		
Total Recurring & Non Recurring						4621000		
	Operational Charges					92400		
G. Total						4713400		

ANNUAL PLAN OF OPERATION OF PROTECTED AREA FOR THE YEAR 2022-23 IN RESPECT OF "MANALI WILDLIFE SANCTUARY"								
SN	Item of Work	Location	Block	Beat	Unit	Rate per Unit	Target	
							Phy	Fin
1	2	3			4	5	6	7
Non Recurrent Activities								
Infrastructure Development								
Construction of New building & other structure								
i	Const. of B/path from Gulamlung Bangduari Beat to Shilathach of Monalgahr Beat	Manali WLS	Manali	Monalgahr/Bangdwari	Km	L/s	6	450000
Sub Total								450000
Soil & Moisture Conservation								
Check walls/Breast walls/Retaining wall/Check Dam								
i	Disilatation of water ponds	Manali WLS	Manali	Monalgahr & Bhungdwari	No	20000	4	80000
Sub Total								80000
TOTAL NON RECURRING								530000
Recurrent Activities								
Wildlife Protection and Conservation Activities								
Protection								
i	Development of Antipoachers and antigrazers	Manali WLS	Manali	Monalgahr & Bhungdwari	M/Days	325	2 for 12 months	234000



ii	Fire Watchers	Manali WLS	Manali	Monalgahar & Bhungdwari	M/Days	325	2 for 6 months	117000
iii	Group Patrolling for search operation etc.	Manali WLS	Manali	Monalgahar & Bhungdwari	L/S	L/S	L/S	50000
v	General Survey of Flora and Fauna	Manali WLS	Manali	Monalgahar & Bhungdwari	L/S	L/S	L/S	70000
vi	Combing operation to search traps/nets etc. in the sanctuary	Manali WLS	Manali	Monalgahar & Bhungdwari	L/S	L/S	L/S	70000
Sub Total								541000
Education and Awareness Generation								
i	Wildlife week and other awareness programme	Manali WLS	Manali	Monalgahar & Bhungdwari	L/S	L/S	L/S	100000
ii	Publicity material/ Signages	Manali WLS	Manali	Monalgahar & Bhungdwari	L/S	L/S	L/S	53400
iii	Workshop with people near PA	Manali WLS	Manali	Monalgahar & Bhungdwari	L/S	L/S	L/S	60000
Sub Total								213400
Office Expenses								
v	Office Expenses	Manali WLS	Manali	Monalgahar & Bhungdwari	L/S	L/S	L/S	50000
Total								50000
Other								
i	Augmentation of Salt licks	Manali WLS	Manali	Monalgahar & Bhungdwari	L/S	L/S	L/S	25000
Total								25000
Communication								
1	Communication and connectivity to field staff	Manali WLS	Manali	WLS Manali	No	300 per	6 persons for 12 months	21600
Sub Total								21600
Nursery								
Infrastructure Development								
Maintenance of Buildings/Roads/Paths								



Maint Buildings								
1	Maint. Of FGd Hut Bangduari	Manali	Manali	Bhungdwari	No	1	L/S	75000
	Maint. of Fgd Hut Van Vihar	Manali	Manali	Bhungdwari	No	1	L/s	50000
	Maint. Of gates in Range complex	Manali	Manali	Bhungdwari	No	1	L/S	20000
Sub Total								145000
Habitat Improvement								
Maintenance of Plantation								
3. Enrichment								
ii	Gorudugh	Manali	Manali	Monalgahar	Ha	4000	3	12000
iii	Gulamlang	Manali	Manali	Bangdwari	Ha	4000	3	12000
Total: Maintenance							6	24000
Human Wildlife Conflict								275000
Total RECURRING								1295000
Total RECURRING & NON RECURRING								1825000
Operational Charges								36500
GRAND TOTAL								1861500

PROPOSED APO OF "CONSERVATION & PROTECTION OF PROTECTED AREAS AGAINST STIPULATION OF KOL DAM PROJECT" FOR THE YEAR 2022-23 IN RESPECT OF "NARGU WILD LIFE SANCTUARY"							
Sr	item of work	Block	Beat	Unit	Rate	Target	
						Phy	Fin
1	2	3	4	5	6	7	8
Non Recurrent Activates							
Infrastructure Development							
Construction of New buildings & other structures							
1	Const. of BO Qtr. At Mandra	Mandra	Mandra	No.		1	906165
2	Const. of Fgd Hut at Mandra	Mandra	Mandra	No.		1	644876
Total						1	1551041
Habitat Improvement							
New Enrcihment Plantation							
i	Panjound	Khaban	Panjound	Ha	45000	3	135000
ii	Daint	Budhan	Budhan	Ha	45000	4	180000
Tall Planting (300 Plants) wooden fencing							



i	KashamalSilh	Khaban	Khaban	Ha	58000	1	58000
	Total					8	373000
Soil and Water Conservation							
C/o Check Walls							
i	In Riunsinal	Budahan	Budhan	3 Nos	30000	3	90000
ii	In Panjound DPF	Khaban	Panjound	3 Nos.	30000	3	90000
iii	in Mahajaninal	Budhan	Budhan	3 Nos.	3000	3	90000
iv	In Devdhar PDF	Khaban	Khaban	3 Nos.	3000	3	90000
v	In Riyas PDF	Budhan	Samalang	3 Nos.	3000	3	90000
vi	In Mandra DPF	Mandra	Mandra	3 Nos.	3000	3	90000
vii	In Neri	Mandra	Mandra	3 Nos.	3000	3	90000
	Total						630000
C/o Check Dams/DRSM							
i	In Chhorap Nala	Khaban	Pajound	3 Nos.	30000	3	90000
ii	In Bai-ra-nal	Khaban	Rulang	3 Nos.	30000	3	90000
	Total					6	180000
Water Ponds							
i	Construction of Water Pond at Kashamalsil DPF	Khaban	Khaban	Nos.	30000	2	60000
ii	Construction of Water Pond at Panjoundgahar	Khaban	Pajond	Nos.	30000	1	30000
iii	Construction of Water Pond at Fungdhar	Khaban	Pajond	Nos.	30000	1	30000
iv	Construction of Water Pond at Dahmnyanmari	Samalang	Budhan	Nos.	30000	1	30000
v	Construction of Water Pond at Garh	Budhan	Budhan	Nos.	30000	1	30000
vi	Construction of Water Pond at Matkan	Budhan	Budhan	Nos.	30000	1	30000
vii	Construction of Water Pond at Riunsinal Top	Budhan	Budhan	Nos.	30000	1	30000
viii	Construction of Water Pond at Dranag	Budhan	Sagnal	Nos.	30000	1	30000
ix	Construction of Water Pond at Hirban	Budhan	Sagnal	Nos.	30000	1	30000
x	Construction of Water Pond at Neri	Mandra	Mandra	Nos.	30000	1	30000
xi	Construction of Water Pond at KhariF	Mandra	Mandra	Nos.	30000	1	30000



xii	Construction of Water Pond at Surgan	Mandra	Mandra	Nos.	30000	1	30000
Total						13	390000
Development of Nursery							
i	Maint of Nry. Kortang	Budhan	Budhan	1 Nos	L/s	1	75000
ii	Maint. Of Nry. Kashamal Silh	Khaban	Khaban	1Nos.	L/s	1	75000
Total					0	2	150000
Capacity Building/Training/research & Monitoring Wildlife Protection and Conservation Activities							
i	Antipoaching & anti grazing activities	WLS Nargu	WLS Nargu	M/days	300 per day	3 nos. for 12 months	324000
ii	Fire Watchers	WLS Nargu	WLS Nargu	M/days	300 per day	3 nos. for 3 months	81000
iv	Hiring of Vehicle for night raids	WLS Nargu	WLS Nargu	L/S	L/S	L/S	45000
Total							450000
Education and Awareness Generation							
i	Wildlife week and other awareness programmes	WLS Nargu	WLS Nargu	L/S	L/s	L/s	20000
ii	Signages/ Publicity material	WLS Nargu	WLS Nargu	L/s	L/s	L/s	100000
Total							120000
Communication							
i	Connectivity for staff	WLS Nargu	WLS Nargu	7 nos.	0.003	For 12 months	25200
Total							25200
Office expense							
i	Stationary, Electricity bills etc.	WLS Nargu	WLS Nargu		L/S		50000
Total Non Recurring activities							3919241
Recurrent Activates							
Maint of Infrastructure							
i	Maint. of Range office-cum-Residance compound	Budhan	Budhan	No	L/S	1	100000
ii	Maint of Watch Tower 2nd Floor	Budhan	Budhan	No	L/S	1	75000
iii	Maint of Fgd Hut Budhan	Budhan	Budhan	No	L/S	1	85259
Total							260259
Inspection/Bride paths, etc							
i	Maint of B/Path from Khaban to Langha	Khaban	Khaban	KM	25000	4	100000



ii	Maint of B/Path from Panjound to Fungdhar	Khaban	Panjound	KM	25000	3	75000
Total							175000
Habitat Improvement							
Human Wildlife Conflict							275000
Total Recurring Exp							710259
	Operational Suport	WLS Nargu	WLS Nargu		L/s	L/s	92600
G Total							4722100

PROPOSED APO OF "CONSERVATION & PROTECTION OF PROTECTED AREAS AGAINST STIPULATION OF KOL DAM PROJECT" FOR THE YEAR 2022-23 IN RESPECT OF SHIKARI DEVI WLS.							
S. No.	Item of work	Beat	Block	Unit	Rate per unit	Total	
						Phy.	Fin in Rs
Non Recurrent Activities :-							
Infrastructure Development							
Construction of New building & other structures							
i	Completion of Store at Kataru	Raigarh	Shikari Devi	No.	L/s	1	50000
ii	Construction of Boundary Pillars	Raigarh, Bharmeri	Shikari Devi	No.	8500	20	170000
iii	Western Himalayan Wild Life Interpretation Centre at Janjehli (Bhullah) near Shikari Devi	Raigarh	Shikari Devi	No.		1	10227511
Total							10447511
Habitat Improvement							
New Plantation							
Enrichment planting							
i	Tangralla PF	Bharmeri	Shikari Devi	Ha.	45000	3	135000
Total							3
Nursery							
Development of new nursery							



	Upgrading/ Improvement of nursery						
i	Bhullah	Raigarh	Shikari Devi	No.	100000	1	100000
ii	Reunsi	Reunsi	Fatehpur	No.	100000	1	100000
	Total						200000
	Soil & Moisture conservation						
A	Check Dams (BW/DRSM/CWS)						
i	Deolanal PF	Fatehpur	Fatehpur	No.	30000	2	60000
ii	Tangralla PF	Bharmeri	Shikari Devi	No.	30000	2	60000
iii	Kumharla PF	Fatehpur	Fatehpur	No.	30000	2	60000
B	Check Walls (BW/DRSM/CWS)						
i	Budha Kedar PF	Keolinal	Shikari Devi	No.	40000	2	80000
ii	Shikari PF	Fatehpur	Fatehpur	No.	40000	2	80000
	Chilmagad PF	Fatehpur	Fatehpur	No.	40000	2	80000
iii	Tungrasni PF	Fatehpur	Fatehpur	No.	40000	2	80000
	Total						500000
Wild Life protection & Conservation Activities							
	Protection						
i	Deployment of Antipoachers & Antigrazers	Whole PA	Whole PA	No.	350 per day	2 for 6 months	126000
iii	Group patrolling	Whole PA	Whole PA	L/S	L/s	L/S	24000
	Sub Total						150000
	Education and Awareness Generation						
i	Wild Life Week			L/S	0	1	50000
ii	Sub Total						50000
	Communication						



	Communication and connectivity to field staff			No.			30500
	Sub Total						30500
	Office Expenses						
i	Stationary, electricity/water supply bills, etc.			L/S	L/s	L/S	40000
	Sub Total						40000
	Total Non Recurring Activities						11553011
	Recurrent Expenditure						
	Maintenance of Plantations						
	First year maint. (2021-22)						
	Enrichment						
i	Budha Kedar PF	Keolinal	Shikari Devi	Ha.	6000	3	18000
	Second year Maint. (2020-21)						
	Enrichment						
	Murhalla PF	Bharmeri	Shikari Devi	Ha.	4000	3	12000
	Third year Maint. (2019-20)						
	Enrichment						
i	Chhoti Bharmeri PF	Bharmeri	Shikari Devi	Ha.	3500	3	10500
	Fourth year Maint. (2018-19)						
	Enrichment						
i	Deolanal PF	Fatehpur	Fatehpur	Ha.	2000	3	6000
ii	Chilmagad PF	Behand	Fatehpur	Ha.	2000	3	6000
	Fifth Year Maint. (2017-18)						
	Pasture Development						
i	Chamunda PF	Reunsi	Fatehpur	Ha.	1000	6	6000
	Enrichment						
i	Budha Kedar PF	Keolinal	Shikari Devi	Ha.	2000	3	6000
	Sub Total						64500
	Wild Life Protection and Conservation Activities						



Protection						
Human Wildlife Conflict						150000
Total Recurring Activities						214500
Total Non Recurring & Recurring Activities						11767511
Operational Support						30800
Grand Total						11798311

ANNUAL PLAN OPERATION OF PROTECTED AREAS UNDER THE STIPULATION OF KOL DAM FOR THE YEAR 2022-23 IN RESPECT OF Mini Zoo REWALSAR						
Item of Work/area/location		Location	Unit	Rate per unit (Rs.)	Target	
					Phy.	Fin. (Rs)
1	2	3	4	5	6	7
Non Recurrent Activities						
Infrastructure development						
New						
i	Construction of visitor path along with sambhar enclosure	Rewalsar	No	L/S	100 mtrs	200000
ii	Construction of drain along road from main gate to postmoretm room along with culverts	Rewalsar	No	L/S	100 mtrs	100000
					Total	300000
Soil and Moisture Conservation works						
i	C/O check dams	Rewalsar	no.	3	30000	90000
Sub total						90000
Total Non Recurrent Activities						390000
Recurrent Activities						
Repair/Maintenance works						
i	Maint. of Water supply	Rewalsar	mtr.	L/s	L/S	50000
ii	Maint. of electricity	Rewalsar	mtr.	L/s	L/S	100000



iii	Day to day maintenance of the existing enclosures	Rewalsar	mtr.	L/s	L/S	250000
iv	Maint of FGD Hut at Mini zoo	Rewalsar	mtr.	L/s	L/S	60000
Total						460000
Maintenance of existing enclosures						
ii	Amount at the discretionay of DFO/ CCF (WL) for various field works	Rewalsar	mtr.	L/S	L/S	500000
Total						500000
Total Recurrent Activities						960000
Grand Total (Non Recurrent and Recurrent)						1350000
	Operational Support	Rewalsar	L/S	L/S	L/S	30000
G.Total						1380000

ANNUAL PLAN OF OPERATION OF PROTECTED AREA FOR THE YEAR 2022-23 IN RESPECT OF "NEHRU PHEASANTRY MANALI"													
1	Item of Work	2	Location	3	Block	4	Beat	5	Unit	6	Rate per Unit	7 Target	
												8	9
												Phy	Fin
Non Recurrent Activities													
Infrastructure Development													
Construction of New building & other structure													
i	Feed Material	Nehru Pheasantry	Van Vihar Manali	Van Vihar Manali	Month	L/S	12 Months	300000					
ii	C/O Rescue Cage	Nehru Pheasantry	Van Vihar Manali	Van Vihar Manali	No	L/S	1	300000					
iii	C/o Path From Pheasantry to Rescue Cage	Nehru Pheasantry	Van Vihar Manali	Van Vihar Manali	Rmtr	3500/-	50	175000					
Sub Total												775000	
Education and awareness programme													
i	Publicity Material/ Signages/Broch ers	Nehru Pheasantry	Van Vihar Manali	Van Vihar Manali	No	L/S	L/S	50000					
Sub Total												50000	



Maintenance of Works								
i	Repair of sprouting cage	Nehru Pheasantry	Van Vihar Manali	Van Vihar Manali	No	L/S	1	100000
ii	Repair of Chukor Cage	Nehru Pheasantry	Van Vihar Manali	Van Vihar Manali	No	L/S	1	100000
	Removal of Old Soil from the Cages	Nehru Pheasantry	Van Vihar Manali	Van Vihar Manali	No	L/S	8	100000
	Filling of Fresh forest soil in cages	Nehru Pheasantry	Van Vihar Manali	Van Vihar Manali	No	L/S	8	200000
	Repair of Electricity	Nehru Pheasantry	Van Vihar Manali	Van Vihar Manali	No	L/S	L/S	20000
Sub Total								520000
Operational Charges								25000
Total Non Recurring								1370000
GRAND TOTAL								1370000

ANNUAL PLAN OF OPERATION OF PROTECTED AREA FOR THE YEAR 2022-23 IN RESPECT OF "CONSERVATION BREEDING CENTRE (CBC)"								
1	Item of Work	Location	Block	Beat	Unit	Rate per Unit	Target	
							Phy	Fin
2	3	4	5	6	7	8	9	
Non Recurrent Activities								
Capacity Building/Training/Research & Monitoring								
Survey/Census/Estimation of Flora And Fauna								
Sub Total								0
Maintenance work in CBC								
i	Day to Day Maintenance	CBC Manali	Van Vihar Manali	Van Vihar Manali	L/S	L/S	L/S	200000
ii	Grass Cutting				L/S	L/S	L/S	75000
iii	Temporary Helper				Day	300	3 Nos	250000
iv	Minor Maint. Of CBC				L/S	L/S	L/S	100000
v	Repair of Electricity				L/S	L/S	L/S	75000
vi	Repair of Water Suplly				L/S	L/S	L/S	70000
Sub Total								770000
Operational Charges								50000
GRAND TOTAL								820000



PROPOSED APO FOR THE YEAR 2022-23

**Name of APO : Flora and Funna in and around
GHNP Shamshi**

Amount in Rs.

Name of Circle: GHNP Shamahi

Name of Division: GHNP Shamshi

Name of component / Activity as per Plan	Norm per unit	Unit	Targets Proposed		Remarks
			Phy.	Fin	
1	2	2	3	4	5
INVESTMENT COSTS (Non Recurrent)					
Improved Management of Protected Areas and Managed Forests - <i>In situ</i> conservation					
Equipment, Furniture and Fixtures					
Field Equipment					
Wireless Communication-Walki Talki, Ground/Mobile Stations					
Physical Capture - Cages, etc.					
Chemical Restraint - Guns, Darts, Drugs, etc.	LS		LS	20000	
Animal Rescue, Translocation/Transportation	LS		LS	50000	
Audio-Visual -Projectors,Camera, Digital and Video	LS		LS	100000	
Field Measurement - GPS, Altimeter,Pedometer,Campass,etc.and accessories					
Binoculars and Spotting Scope	LS		LS	200000	
Sub Total				370000	
Information Technology					
Web Based Biodiversity Information Management System (BIMS) - Software and Networking	LS		LS	200000	
Sub Total				200000	
Books and Periodicals	LS		LS	10000	
Sub Total				10000	
Catchment Treatment, Habitat Restoration and Management of Rare and Endangered Species					
Restoration and development of under story;weed control	LS		LS	200000	
Developmrt of restoration Sites.				200000	



Sub Total				400000	
Community Participation, Development of Village Institutions, Sustainable Livelihoods, Alternate Income Generating Activities, Women Empowerment, Emphasis on NTFP production with emphasis on Medicinal Plants, Ecodevelopment, Develop Effective and Intensive Community Support (As per microplans for VFDS at Panchyat Ward level) under HP Govt. Rules 2001.					
Support for organizing the poor and women in the ecozone (through local NGOs.)	LS		LS	200000	
Preparation of VFDS at Panchyat ward level under PFM Rules 2001.					
Microplanning in VFDS.				100000	
Feulwood, grasses, fodder and Medicinal Plants Propagation Areas (MPPAs) under approved microplans (nursery development, maintenance, planting, etc.)	3 ranges		As per M.Plan	4500000	
Soil and water conservation programmes as per microplans					
Income Generation Activities to reduce dependence of local villagers on PA and its natural resources, provision of drudgery reduction and energy saving devices such as LPG connections (50% cost to be given by the beneficiary), feul wood plantation, etc. and Community Based Ecotourism as per approved microplans.				500000	
Solar Power Demonstrsation Centre.	LS		LS	250000	
Water Tank (Micro Planing Works)	LS		LS		
Water Harvesting Structures (as per Mincro Planing works)					
Trench Excavation (Micro Planning Works)	LS		LS	400000	
Marketing support-Suvenies,NTFPs and Handicraft item	LS		LS	300000	
Sub Total				6250000	
Mitigation of People Wildlife Conflict and Environmental Restoration					
Payment of Ex-gratia/Compensation for Human Casualty and Livestock Predation	LS		LS	100000	
Capture, Rescue and Translocation of Problem Wild Animals				50000	
Vaccination Programme for Livestock	LS		LS	100000	



Roadside Signages and Publicity Material	LS	LS	450000	
Sub Total			700000	
Communication and Advocacy Strategy				
Orientataion, Inter pretation and Visit Centre.	LS	LS	400000	
Exhibits,Displays and furnishing-Orientation/information/interpretation Centre	LS	LS	400000	
Nature Education Programme for Schools in Buffer Zone	LS	LS	200000	
Activities and Maintenance of Orientation/Interpretation/Information and Visitors Centers.	LS	LS	100000	
Sub Total			1100000	
Inter-sectoral Linkages, Coordination and Cooperation among Multi Agencies and Regional Planning				
Meetings/Workshops for Coordination and Cooperation among Multi Agencies, Planning Process, Plan Revision Workshop	LS	LS	200000	
Sub Total			200000	
Capacity Building - Development of Human Resource and Infrastructure, Support Activities (Training, Education, Research, Monitoring, Management Planning and use of Information Technology) for Sustainable Livelihood Based Approach to Conservation				
Training Hall with Dormitory.				
Training of Policy/Decision Makers, Field Managers, Frontline Staff, Community and CBOs/NGOs. (emphasis on women and poor - natural resource dependents) and others. Training of staff in Wildlife Habitat Management, WL Surveys and Census. Training of Women of Poor Households in Literacy Programmes, Mother & Child Health, Veterinary Care Programe, Gender Sensitive Issues; Income Generation Related Wworkshops for Community Members and NGOs.	LS	LS	500000	
Specialised/Theme Based Workshops, Seminars and Conferences for Conservation of Flagship and other Rare and Endangered Species,Wildlife	LS	LS	200000	



Conservation and Community Participation				
Execution of Long Term Ecological Monitoring (LTEM) Programme	LS		LS	500000
Exposure/Study Tours to Demonstration and Conservation Sites for Officials, Frontline Staff, Community, CBOs/NGOs, etc.				650000
International/National Study Tours	LS		LS	2000000
Consultancy and Specialist Services for PA/Landscape Management, Community Participation, Man-Wildlife Conflict, etc.	LS		LS	200000
Sub Total				4050000
Project Implementation & Management, Financial Sustainability and Project Review and Evaluation				
Project Implementation and Management - Office Expenses and Other Charges				100000
Sub Total				100000
Total Investment (Non Recurrent) Costs				13380000
RECURRENT COSTS				
Repairs and Annual Maintenance Contract - Equipment and Information Technology				100000
Total Recurrent Costs				100000
MISCELLANEOUS AND CONTINGENCIES				200000
Sub Total				200000
G.Total				13680000



Others

APO under Green Belt against Stipulation of Chamera-III Project for 2022-23

Name of Circle:- Chamba

Name of Division:- Bharmour

Name of Activity as per Plan	Name of Range	Name of Block	Name of Beat	Name of Area	Name of Work	Norm per unit	Targets Proposed		Remarks
							Phy.	Fin. (Rs.)	
1	2	3	4	5	6	7	8	9	10
Maintenance 5th Year	Swai	Garola	Ullansa	Open-III	0	4300	5	21500	
Total:							5	21500	



**NET PRESENT VALUE (NPV) APO
FOR THE YEAR 2022-23
Amount in (Rs.)**

Sr. No.	Name of Activity	Proposed Targets		Remarks
		Phy.	Fin.	
	Activity under 80%			
1	Assisted Natural Regeneration			<i>Rule-5(2)(a)</i>
2	Artificial Regeneration			<i>Rule-5(2)(b)</i>
a	Planting			
	Planting in Lantana Cleared Areas			
	Planting - 500 Tall plants	225	13761000	
	Planting - 200 Tall plants	183	23120400.3	
	Planting - 1100 Normal plants	66	3678260	
	Planting - 800 Normal plants	112	5241660	
	Total	586	45801320.3	
b	Replenishment & Enhancement of Forest Cover (REFC)			
	Planting with 1100 Normal Plants	263	73588600	
	Planting with 800 Normal Plants	5	225000	
	Total	268	73813600	
c	Maintenance of Planting in Lantana Cleared Areas			
	Maintenance of Plantation with 500 Tall Plants model	153	740231	
	1st Maintenance - 500 Tall Plants model			
	2nd Maintenance - 500 Tall Plants model	167.25	483587.5	
	3rd Maintenance - 500 Tall Plants model	3254	115208	
	Maintenance of Plantation with 200 Tall Plants model	317	688338	
	1st Maintenance - 200 Tall Plants model			
	2nd Maintenance - 200 Tall Plants model	295.63	451961.18	
	3rd Maintenance - 200 Tall Plants model	104	61776	
	Maintenance of Plantation with 1100 Normal Plants model	45	339075	
	1st Maintenance - 1100 Normal Plants model			
	2nd Maintenance - 1100 Normal Plants model	55	278300	
	3rd Maintenance - 1100 Normal Plants model	5	19250	
	Maintenance of Plantation with 800 Normal Plants model	213	1174250	
	1st Maintenance - 800 Normal Plants model			
	2nd Maintenance - 800 Normal Plants model	307.95	1170783	
	3rd Maintenance - 800 Normal Plants model	44	150300	
	2nd Maintenance - 500 Normal Plants model	5	18700	
	3rd Maintenance - 500 Normal Plants model	5	6160	
	Total	4970.83	5697919.68	
d	Maintenance of Plantation done under REFC Scheme			
	1st Maintenance - 1100 Normal Plants model	34	287490	



Sr. No.	Name of Activity	Proposed Targets		Remarks
		Phy.	Fin.	
	2nd Maintenance - 1100 Normal Plants model	10	50600	
	3rd Maintenance - 1100 Normal Plants model	3	11550	
	4th Maintenance - 1100 Normal Plants model	8.5	25140	
	5th Maintenance - 1100 Normal Plants model	36	106920	
	Maintenance of Plantation done under 800 Normal Plants model	38	209000	
	1st Maintenance - 800 Normal Plants model			
	2nd Maintenance - 800 Normal Plants model	79	295460	
	3rd Maintenance - 800 Normal Plants model	125	357500	
	4th Maintenance - 800 Normal Plants model	45	89100	
	5th Maintenance - 800 Normal Plants model	80	158400	
	Total	458.5	1591160	
	Total		126904000	
3	Nursery Raising			<i>Rule-5(2)(b)</i>
a	Nursery Raising			
	Nursery Raising	899634	90000000	
	Total	899634	90000000	
	Total		90000000	
4	Silvicultural Operations in Forests			<i>Rule-5(2)(c)</i>
a	Silvicultural Operations in Forests			
	Silvicultural Operations in Forests	1076.61	36271100	
	Total	1076.61	36271100	
	Total		36271100	
5	Protection of Plantations & Forests			<i>Rule-5(2)(d)</i>
a	Construction of Boundary Pillars			
	Construction of Boundary Pillars	1343	15676200	
	Total	1343	15676200	
b	Fencing of Forest Areas			
	Fencing of Forest Areas	821	2207000	
	Total	821	2207000	
c	Strengthening of Forest Protection Network			
	Strengthening of Forest Protection Network	12	48720000	
	Total	12	48720000	
d	Rehabilitation of Encroachment Cleared Areas			
	Rehabilitation of Encroachment Cleared Areas	2732.12	8600000	
	Total	2732.12	8600000	
e	Removal of Lantana by CRS Method			
	Clearing of Areas Infested upto 25%	326	5705570	
	Clearing of Areas Infested upto 50%	320	8490190	
	Clearing of Areas Infested upto 75%	326	10817109.5	
	Clearing of Areas Infested upto 100%	228	25587130.5	
	Total	1200	50600000	
f	Maintenance of Cleared Areas			
	2nd Year Activity-1st Maint. / 25% Infested Areas	265.8	1387434.2	
	2nd Year Activity-1st Maint. / 50% Infested Areas	436	3877176	
	2nd Year Activity-1st Maint. / 75% Infested Areas	425.1	4551372.1	
	2nd Year Activity-1st Maint. / 100% Infested Areas	266	2762606	



Sr. No.	Name of Activity	Proposed Targets		Remarks
		Phy.	Fin.	
	3rd Year Activity-2nd Maint. / 25% Infested Areas	195	677797.5	
	3rd Year Activity-2nd Maint. / 50% Infested Areas	346	2383066.5	
	3rd Year Activity-2nd Maint. / 75% Infested Areas	426.35	6520344.28	
	3rd Year Activity-2nd Maint. / 100% Infested Areas	217.32	1013077.74	
	4th Year Activity-3rd Maint. / 25% Infested Areas	512.99	932475.255	
	4th Year Activity-3rd Maint. / 50% Infested Areas	1351.76	4483344.89	
	4th Year Activity-3rd Maint. / 75% Infested Areas	1231.44	6023222.01	
	4th Year Activity-3rd Maint. / 100% Infested Areas	565.4	3388083.54	
	Total	6239.16	38000000	
	Total		163803200	
6	Pest and Disease Control in Forests			<i>Rule-5(2)(e)</i>
a	Pest and Disease Control in Forests			
	Pest and Disease Control in Forests	240	2540000	
	Total	240	2540000	
	Total		2540000	
7	Forest Fire Prevention and Control Operations			<i>Rule-5(2)(f)</i>
a	Forest Fire Prevention and Control Activities			
	Forest Fire Prevention and Control Activities	49359.55	70000000	
	Total	49359.55	70000000	
	Total		70000000	
8	Soil and Moisture Conservation Works			<i>Rule-5(2)(g)</i>
a	Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings			
	Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings	114	14905000	
	Total	114	14905000	
b	Development and Maintenance of Natural Springs in Forest Areas			
	Development and Maintenance of Natural Springs in Forest Areas	84	11950000	
	Total	84	11950000	
c	Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas			
	Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas	150	332600000	
	Total	150	332600000	
d	Integrated Development of Micro Watersheds and Catchments			
e	Soil Conservation Works in Forest Areas			
	Soil Conservation Works in Forest Areas	7043	121199000	
	Total	7043	121199000	
f	Development of Degraded Forest Areas			
	Development of Degraded Forest Areas	3	50000000	
	Total	3	50000000	
	Total		530654000	
9	Voluntary Relocation of Villages from Protected Areas			<i>Rule-5(2)(h)</i>
a	Voluntary Relocation of Villages from Protected Ares			
10	Improvement of Wildlife Habitat			<i>Rule-5(2)(i)</i>



Sr. No.	Name of Activity	Proposed Targets		Remarks
		Phy.	Fin.	
a	Improvement of Wildlife Habitat as provided in Approved Wildlife Management Plan or Working Plan			
	Improvement of Wildlife Habitat as provided in Approved Wildlife Management Plan or Working Plan	80	3826000	
	Total	80	3826000	
	Total		3826000	
11	Planting and Rejuvenation of Forest Cover on Non-Forest Land			<i>Rule-5(2)(j)</i>
a	Planting and Rejuvenation of Forest Cover on Non-Forest Land falling in Wildlife Corridors			
12	Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals			<i>Rule-5(2)(k)</i>
a	Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals			
	Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals	22	46075000	
	Total	22	46075000	
	Total		46075000	
13	Energy Saving Measures			<i>Rule-5(2)(l)</i>
a	Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)			
	Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)	35	18600000	
	Total	35	18600000	
	Total		18600000	
14	Management of Biological Diversity and Resources			<i>Rule-5(2)(m)</i>
a	Management of Biological Diversity and Biological Resources			
	Management of Biological Diversity and Biological Resources	31	2748000	
	Total	31	2748000	
b	Human Wildlife Conflict Management			
	Human Wildlife Conflict Management	12005	30500000	
	Total	12005	30500000	
c	Wildlife Conservation and Protection			
	Wildlife Conservation and Protection	216	2760000	
	Total	216	2760000	
	Total		36008000	
15	Treatment of degraded forest watersheds as per DPF prepared by using LiDAR Technology			<i>Rule-5(2)(g)</i>
a	Treatment of degraded forest watersheds as per DPF prepared by using LiDAR Technology			
	Treatment of degraded forest watersheds as per DPF prepared by using LiDAR Technology	2	40000000	
	Total	2	40000000	
	Total		40000000	
	Total		1164681300	
	Activity under 20%			
16	Establishment, Upgradation and Maintenance of Modern Nurseries			<i>Rule-5(3)(a)</i>
a	Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)			



Sr. No.	Name of Activity	Proposed Targets		Remarks
		Phy.	Fin.	
	Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)	15059.07	18447000	
	Total	15059.07	18447000	
	Total		18447000	
17	Conservation, Suitable Use and Documentation of Biological Diversity			<i>Rule-5(3)(b)</i>
a	Conservation, Sustainable Use and Documentation of Biological Diversity including Preservation of Habitats, Conservation of Land and Folk Varieties and Cultivars, Domesticated Stocks and Breeds of Animals and microorganisms and Chronicling of Knowledge relating to Biological Diversity			
	Conservation, Sustainable Use and Documentation of Biological Diversity including Preservation of Habitats, Conservation of Land and Folk Varieties and Cultivars, Domesticated Stocks and Breeds of Animals and microorganisms and Chronicling of Knowledge relating to Biological Diversity	1	100000	
	Total	1	100000	
	Total		100000	
18	Information Technology and Communication			<i>Rule-5(3)(c)&(d)</i>
a	Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife			
	Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife	53	4652000	
	Total	53	4652000	
	Total		4652000	
19	Forest Infrastructure Development			<i>Rule-5(3)(e)</i>
a	Construction of Residential and Official Buildings for Front Line Field Staff			
	Construction of Residential and Official Buildings for Front Line Field Staff	348	149328000	
	Total	348	149328000	
b	Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots			
	Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots	1454.92	37150000	
	Total	1454.92	37150000	
	Total		186478000	
20	Survey and Mapping of Forest Areas			<i>Rule-5(3)(g)</i>
a	Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund			
	Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation Works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund	20	40316100	
	Total	20	40316100	
b	Survey, Mapping, digitisation and Uploading of Data on Web Portals			



Sr. No.	Name of Activity	Proposed Targets		Remarks
		Phy.	Fin.	
	Survey, Mapping, digitisation and Uploading of Data on Web Portals	8	845000	
	Total	8	845000	
	Total		41161100	
21	Monitoring and Evaluation			<i>Rule-5(3)(h)</i>
a	Independent Concurrent Monitoring and Evaluation and Third Party Monitoring of Works undertaken from State Fund			
	Independent Concurrent Monitoring and Evaluation and Third Party Monitoring of Works undertaken from State Fund	0	30000000	
	Total		30000000	
22	Publicity and Awareness Program/Capacity Building			<i>Rule-5(3)(i)</i>
a	Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)			
	Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)	33	10020000	
	Total	33	10020000	
	Total		290858100	
	Grand Total		1455539400	



**ACTIVITY, CIRCLE AND DIVISION WISE ABSTRACT OF
NET PRESENT VALUE (NPV) APO
FOR THE YEAR 2022-23
Amount in (Rs.)**

Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
Activity under 80%						
1	Assisted Natural Regeneration		Total	0	0	
2	Artificial Regeneration					
	Planting					
	Planting in Lantana Cleared Areas <i>Rule-5(2)(b)</i>					
	Planting - 500 Tall plants					
		Bilaspur	Bilaspur	25	1540000	
		Bilaspur	Kunihar	20	1232000	
		Total		45	2772000	
		Dharamshala	Dharamshala	15	825000	
		Dharamshala	Nurpur	80	4928000	
		Total		95	5753000	
		Hamirpur	Dehra	7	431200	
		Total		7	431200	
		Mandi	Karsog	6	369600	
		Mandi	Mandi	35	2156000	
		Total		41	2525600	
		Nahan	Nahan	7	431200	
		Nahan	Rajgarh	5	308000	
		Total		12	739200	
		Solan	Nalagarh	25	1540000	
		Total		25	1540000	
		Total		225	13761000	
	Planting - 200 Tall plants					
		Bilaspur	Bilaspur	26	1009008	
		Total		26	1009008	
		Hamirpur	Dehra	1	38808	
		Hamirpur	Hamirpur	46	1476640	
		Total		47	1515448	
		Mandi	Jogindernagar	15	582120	
		Mandi	Mandi	30	1164240	
		Total		45	1746360	
		Nahan	Rajgarh	5	194040	
		Nahan	Renukaji	30	1164240	
		Total		35	1358280	
		Solan	Nalagarh	30	1164240	
		Total		30	1164240	
		HP State CAMPA	State CAMPA	0	16327064.32	
		Total		0	16327064.32	
		Total		183	23120400.32	
	Planting - 1100 Normal plants					
		Kullu	Parvati	20	1042000	
		Kullu	Seraj	13	745030	
		Total		33	1787030	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
		Mandi	Karsog	33	1891230	
			Total	33	1891230	
			Total	66	3678260	
	Planting - 800 Normal plants					
	Hamirpur	Hamirpur		6	210720	
	Hamirpur	Una		70	3380300	
			Total	76	3591020	
	Kullu	Parvati		20	878000	
	Kullu	Seraj		16	772640	
			Total	36	1650640	
			Total	112	5241660	
	Replenishment & Enhancement of Forest Cover (REFC) Rule-5(2)(b)					
	Planting with 1100 Normal Plants					
	Kullu	Kullu		35	2005850	
			Total	35	2005850	
	Mandi	Karsog		8	436550	
			Total	8	436550	
	Rampur	Kotgarh		20	1146200	
			Total	20	1146200	
	HP State CAMPA	State CAMPA		200	70000000	
			Total	200	70000000	
			Total	263	73588600	
	Planting with 800 Normal Plants					
	Mandi	Karsog		5	225000	
			Total	5	225000	
			Total	5	225000	
	Maintenance of Planting in Lantana Cleared Areas Rule-5(2)(b)					
	Maintenance of Plantation with 500 Tall Plants model					
	1st Maintenance - 500 Tall Plants model					
	Bilaspur	Bilaspur		5	24145	
	Bilaspur	Kunihar		27	130383	
			Total	32	154528	
	Dharamshala	Nurpur		40	193160	
	Dharamshala	Palampur		9	43461	
			Total	49	236621	
	Hamirpur	Hamirpur		12	60000	
			Total	12	60000	
	Mandi	Jogindernagar		3	14487	
	Mandi	Mandi		35	169015	
			Total	38	183502	
	Nahan	Rajgarh		20	96580	
			Total	20	96580	
	Solan	Nalagarh		2	9000	
			Total	2	9000	
			Total	153	740231	
	2nd Maintenance - 500 Tall Plants model					
	Dharamshala	Dharamshala		16	80960	
	Dharamshala	Palampur		13	34606	
			Total	29	115566	
	Hamirpur	Dehra		20	53240	
	Hamirpur	Una		5	13310	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
			Total	25	66550	
		Mandi	Karsog	15	39930	
		Mandi	Mandi	35	93170	
			Total	50	133100	
		Nahan	Nahan	43	114466	
			Total	43	114466	
		Solan	Nalagarh	20.25	53905.5	
			Total	20.25	53905.5	
			Total	167.25	483587.5	
3rd Maintenance - 500 Tall Plants model						
		Chamba	Dalhousie	25	30800	
			Total	25	30800	
		Dharamshala	Dharamshala	3180	15900	
		Dharamshala	Palampur	14	17248	
			Total	3194	33148	
		Hamirpur	Una	5	14300	
			Total	5	14300	
		Mandi	Karsog	5	6160	
		Mandi	Mandi	25	30800	
			Total	30	36960	
			Total	3254	115208	
Maintenance of Plantation with 200 Tall Plants model						
1st Maintenance - 200 Tall Plants model						
		Bilaspur	Bilaspur	121	263538	
			Total	121	263538	
		Hamirpur	Dehra	25	54450	
		Hamirpur	Hamirpur	56	119880	
			Total	81	174330	
		Mandi	Jogindernagar	15	32670	
			Total	15	32670	
		Nahan	Rajgarh	10	21780	
		Nahan	Renukaji	90	196020	
			Total	100	217800	
			Total	317	688338	
2nd Maintenance - 200 Tall Plants model						
		Bilaspur	Bilaspur	26.63	36909.18	
			Total	26.63	36909.18	
		Dharamshala	Dharamshala	5	25300	
		Dharamshala	Palampur	10	13860	
			Total	15	39160	
		Hamirpur	Dehra	17	24838	
		Hamirpur	Hamirpur	38	75240	
			Total	55	100078	
		Mandi	Jogindernagar	14	19404	
		Mandi	Mandi	40	55440	
			Total	54	74844	
		Nahan	Paonta Sahib	55	76230	
		Nahan	Renukaji	65	90090	
			Total	120	166320	
		Shimla	Shimla	25	34650	
			Total	25	34650	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
			Total	295.63	451961.18	
	3rd Maintenance - 200 Tall Plants model					
		Bilaspur	Bilaspur	12	7128	
			Total	12	7128	
		Chamba	Dalhousie	8	4752	
			Total	8	4752	
		Dharamshala	Palampur	60	35640	
			Total	60	35640	
		Mandi	Jogindernagar	14	8316	
		Mandi	Mandi	10	5940	
			Total	24	14256	
			Total	104	61776	
	Maintenance of Plantation with 1100 Normal Plants model					
	1st Maintenance - 1100 Normal Plants model					
		Kullu	Kullu	25	188375	
			Total	25	188375	
		Mandi	Karsog	5	37675	
			Total	5	37675	
		Nahan	Nahan	15	113025	
			Total	15	113025	
			Total	45	339075	
	2nd Maintenance - 1100 Normal Plants model					
		Mandi	Karsog	10	50600	
			Total	10	50600	
		Nahan	Nahan	25	126500	
			Total	25	126500	
		Solan	Nalagarh	20	101200	
			Total	20	101200	
			Total	55	278300	
	3rd Maintenance - 1100 Normal Plants model					
		Mandi	Karsog	5	19250	
			Total	5	19250	
			Total	5	19250	
	Maintenance of Plantation with 800 Normal Plants model					
	1st Maintenance - 800 Normal Plants model					
		Dharamshala	Dharamshala	5	30250	
		Dharamshala	Nurpur	14	77000	
			Total	19	107250	
		Hamirpur	Dehra	42	231000	
		Hamirpur	Una	25	137500	
			Total	67	368500	
		Kullu	Kullu	69	379500	
			Total	69	379500	
		Nahan	Rajgarh	10	55000	
			Total	10	55000	
		Solan	Nalagarh	48	264000	
			Total	48	264000	
			Total	213	1174250	
	2nd Maintenance - 800 Normal Plants model					
		Hamirpur	Hamirpur	30	131250	
		Hamirpur	Una	87	325380	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
			Total	117	456630	
		Kullu	Kullu	5	18700	
			Total	5	18700	
		Nahan	Nahan	20	74800	
		Nahan	Rajgarh	148.95	557073	
			Total	168.95	631873	
		Solan	Nalagarh	17	63580	
			Total	17	63580	
			Total	307.95	1170783	
	3rd Maintenance - 800 Normal Plants model					
		Hamirpur	Hamirpur	29	107400	
		Hamirpur	Una	15	42900	
			Total	44	150300	
			Total	44	150300	
	Maintenance of Plantation with 500 Normal Plants model					
	1st Maintenance - 500 Normal Plants model					
	2nd Maintenance - 500 Normal Plants model					
		Hamirpur	Dehra	5	18700	
			Total	5	18700	
			Total	5	18700	
	3rd Maintenance - 500 Normal Plants model					
		Chamba	Dalhousie	5	6160	
			Total	5	6160	
			Total	5	6160	
	Maintenance of Plantation done under REFC Scheme Rule-5(2)(b)					
	1st Maintenance - 1100 Normal Plants model					
		Hamirpur	Una	2	15070	
			Total	2	15070	
		Kullu	Parvati	20	182000	
		Kullu	Seraj	12	90420	
			Total	32	272420	
			Total	34	287490	
	2nd Maintenance - 1100 Normal Plants model					
		Kullu	Seraj	10	50600	
			Total	10	50600	
			Total	10	50600	
	3rd Maintenance - 1100 Normal Plants model					
		Kullu	Seraj	3	11550	
			Total	3	11550	
			Total	3	11550	
	4th Maintenance - 1100 Normal Plants model					
		Kullu	Parvati	5	15900	
			Total	5	15900	
		Rampur	Kotgarh	3.5	9240	
			Total	3.5	9240	
			Total	8.5	25140	
	5th Maintenance - 1100 Normal Plants model					
		Dharamshala	Dharamshala	3	7920	
			Total	3	7920	
		Kullu	Parvati	22	69960	
		Kullu	Seraj	11	29040	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
			Total	33	99000	
			Total	36	106920	
Maintenance of Plantation done under 800 Normal Plants model						
1st Maintenance - 800 Normal Plants model						
	Hamirpur	Dehra		13	71500	
	Hamirpur	Una		15	82500	
		Total		28	154000	
	Kullu	Seraj		10	55000	
		Total		10	55000	
		Total		38	209000	
2nd Maintenance - 800 Normal Plants model						
	Hamirpur	Dehra		17	63580	
	Hamirpur	Una		32	119680	
		Total		49	183260	
	Rampur	Kotgarh		30	112200	
		Total		30	112200	
		Total		79	295460	
3rd Maintenance - 800 Normal Plants model						
	Bilaspur	Kunihar		10	28600	
		Total		10	28600	
	Hamirpur	Una		15	42900	
		Total		15	42900	
	Kullu	Kullu		5	14300	
		Total		5	14300	
	Nahan	Rajgarh		75	214500	
		Total		75	214500	
	Rampur	Kotgarh		20	57200	
		Total		20	57200	
		Total		125	357500	
4th Maintenance - 800 Normal Plants model						
	Shimla	Chopal		45	89100	
		Total		45	89100	
		Total		45	89100	
5th Maintenance - 800 Normal Plants model						
	Chamba	Dalhousie		25	49500	
		Total		25	49500	
	Kullu	Seraj		10	19800	
		Total		10	19800	
	Shimla	Chopal		45	89100	
		Total		45	89100	
		Total		80	158400	
		Total		6283.33	126904000	
3	Nursery Raising					
	Nursery Raising Rule-5(2)(b)					
	Nursery Raising					
	Bilaspur	Bilaspur		71500	787191	
	Bilaspur	Kunihar		18000	165060	
		Total		89500	952251	
	Chamba	Churah		3	350000	
		Total		3	350000	
	Dharamshala	Dharamshala		2	43100	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
		Dharamshala	Nurpur	48000	500160	
		Dharamshala	Palampur	125000	1096000	
			Total	173002	1639260	
		Hamirpur	Hamirpur	185825	2156480	
		Hamirpur	Una	166721	1486078.27	
			Total	352546	3642558.27	
		Kullu	Parvati	69570	449329	
		Kullu	Seraj	2	6889823	
			Total	69572	7339152	
		Mandi	Karsog	0	629030	
			Total	0	629030	
		Nahan	Paonta Sahib	6	3325000	
		Nahan	Rajgarh	1	2228360	
		Nahan	Renukaji	15000	143400	
			Total	15007	5696760	
		Rampur	Kotgarh	0	536988	
			Total	0	536988	
		Shimla	Theog	200000	1316500	
			Total	200000	1316500	
		Solan	Nalagarh	4	1500000	
		Solan	Solan	0	1657500	
			Total	4	3157500	
		HP State CAMPA	State CAMPA	0	64740000.73	
			Total	0	64740000.73	
			Total	899634	90000000	
			Total	899634	90000000	
4	Silvicultural Operations in Forests					
	Silvicultural Operations in Forests Rule-5(2)(c)					
	Silvicultural Operations in Forests					
		Bilaspur	Bilaspur	45	350000	
			Total	45	350000	
		Chamba	Bharmour	10	228200	
		Chamba	Churah	100	500000	
		Chamba	Pangi	10	250000	
			Total	120	978200	
		Dharamshala	Dharamshala	19	114000	
		Dharamshala	Nurpur	85.4	281800	
		Dharamshala	Palampur	66	528000	
			Total	170.4	923800	
		Hamirpur	Dehra	142	482800	
		Hamirpur	Hamirpur	55	275000	
		Hamirpur	Una	21.04	115700	
			Total	218.04	873500	
		Kullu	Kullu	67	469000	
		Kullu	Parvati	2	200000	
		Kullu	Seraj	0	355000	
			Total	69	1024000	
		Mandi	Mandi	50	500000	
			Total	50	500000	
		Nahan	Rajgarh	43.87	241300	
			Total	43.87	241300	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
		Rampur	Kotgarh	81.3	487800	
			Total	81.3	487800	
		Shimla	Theog	190	358500	
			Total	190	358500	
		Solan	Nalagarh	89	534000	
			Total	89	534000	
		HP State CAMPA	State CAMPA	0	3000000	
			Total	0	3000000	
			Total	1076.61	36271100	
			Total	1076.61	36271100	
5	Protection of Plantations & Forests					
	Construction of Boundary Pillars Rule-5(2)(d)					
	Construction of Boundary Pillars					
		Chamba	Churah	42	161700	
		Chamba	Pangi	68	340000	
			Total	110	501700	
		Dharamshala	Dharamshala	50	150000	
		Dharamshala	Nurpur	106	530000	
		Dharamshala	Palampur	99	297000	
			Total	255	977000	
		Hamirpur	Hamirpur	101	655000	
		Hamirpur	Una	119	480000	
			Total	220	1135000	
		Kullu	Kullu	56	205200	
		Kullu	Seraj	22	121000	
			Total	78	326200	
		Mandi	Karsog	149	819500	
		Mandi	Mandi	43	100000	
		Mandi	Suket	132	798600	
			Total	324	1718100	
		Nahan	Nahan	25	137500	
		Nahan	Rajgarh	55	302500	
			Total	80	440000	
		Rampur	Kinnaur	0	100000	
		Rampur	Kotgarh	99	496500	
		Rampur	Rampur	15	90700	
			Total	114	687200	
		Shimla	Shimla	162	891000	
			Total	162	891000	
		HP State CAMPA	State CAMPA	0	9000000	
			Total	0	9000000	
			Total	1343	15676200	
	Fencing of Forest Areas Rule-5(2)(d)					
	Fencing of Forest Areas					
		Shimla	Shimla (Urban)	821	2207000	
			Total	821	2207000	
			Total	821	2207000	
	Strengthening of Forest Protection Network Rule-5(2)(d)					
	Strengthening of Forest Protection Network					
		Nahan	Nahan	0	420000	
			Total	0	420000	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
		HP State CAMPA	State CAMPA	12	48300000	
			Total	12	48300000	
			Total	12	48720000	
Rehabilitation of Encroachment Cleared Areas Rule-5(2)(d)						
Rehabilitation of Encroachment Cleared Areas						
		Dharamshala	Palampur	2650	1499900	
			Total	2650	1499900	
		Kullu	Kullu	17.4124	41788.76	
		Kullu	Lahaul	44.42	1143000	
			Total	61.8324	1184788.76	
		Rampur	Kotgarh	20.2871	843403	
			Total	20.2871	843403	
		HP State CAMPA	State CAMPA	0	5071908.24	
			Total	0	5071908.24	
			Total	2732.1195	8600000	
Removal of Lantana by CRS Method Rule-5(2)(d)						
Clearing of Areas Infested upto 25%						
		Bilaspur	Bilaspur	10	172150	
			Total	10	172150	
		Chamba	Churah	15	258225	
		Chamba	Dalhousie	10	172150	
			Total	25	430375	
		Dharamshala	Dharamshala	25	475000	
		Dharamshala	Nurpur	20	344300	
		Dharamshala	Palampur	24	413160	
			Total	69	1232460	
		Hamirpur	Dehra	15	258225	
		Hamirpur	Hamirpur	8	115550	
		Hamirpur	Una	15	329250	
			Total	38	703025	
		Mandi	Jogindernagar	10	172150	
		Mandi	Karsog	3	51645	
		Mandi	Suket	10	172150	
			Total	23	395945	
		Nahan	Nahan	20	344300	
		Nahan	Paonta Sahib	94	1618210	
		Nahan	Rajgarh	20	344300	
		Nahan	Renukaji	25	430375	
			Total	159	2737185	
		Rampur	Kotgarh	2	34430	
			Total	2	34430	
			Total	326	5705570	
Clearing of Areas Infested upto 50%						
		Bilaspur	Bilaspur	15	414150	
		Bilaspur	Kunihar	15	414150	
			Total	30	828300	
		Chamba	Dalhousie	40	1178300	
			Total	40	1178300	
		Dharamshala	Dharamshala	28	504000	
		Dharamshala	Nurpur	27	745470	
		Dharamshala	Palampur	15	414150	



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Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
			Total	70	1663620	
		Hamirpur	Dehra	17	469370	
		Hamirpur	Hamirpur	28	686000	
		Hamirpur	Una	25	627500	
			Total	70	1782870	
		Mandi	Jogindernagar	15	414150	
		Mandi	Karsog	5	138050	
		Mandi	Mandi	10	276100	
		Mandi	Suket	15	414150	
			Total	45	1242450	
		Nahan	Paonta Sahib	20	552200	
		Nahan	Rajgarh	10	276100	
		Nahan	Renukaji	10	276100	
			Total	40	1104400	
		Rampur	Kotgarh	5	138050	
			Total	5	138050	
		Shimla	Shimla	5	138050	
			Total	5	138050	
		Solan	Nalagarh	10	276100	
			Total	10	276100	
		Wildlife (N) Dharamshala	WL Hamirpur	5	138050	
			Total	5	138050	
			Total	320	8490190	
	Clearing of Areas Infested upto 75%					
		Bilaspur	Bilaspur	15	521647.5	
		Bilaspur	Kunihar	10	347762.5	
			Total	25	869410	
		Chamba	Churah	10	347760	
		Chamba	Dalhousie	27	938965.5	
			Total	37	1286725.5	
		Dharamshala	Dharamshala	10	180000	
		Dharamshala	Nurpur	10	347765	
		Dharamshala	Palampur	23	764027	
			Total	43	1291792	
		Hamirpur	Dehra	3	104329.5	
		Hamirpur	Hamirpur	15	434775	
		Hamirpur	Una	20	502000	
			Total	38	1041104.5	
		Mandi	Jogindernagar	25	833580	
		Mandi	Karsog	5	173882.5	
		Mandi	Mandi	18	625900	
		Mandi	Suket	17	591200.5	
			Total	65	2224563	
		Nahan	Paonta Sahib	10	347765	
		Nahan	Rajgarh	30	1043287.5	
		Nahan	Renukaji	10	347765	
			Total	50	1738817.5	
		Shimla	Shimla	28	973742	
			Total	28	973742	
		Solan	Nalagarh	20	695425	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
			Total	20	695425	
		Wildlife (N) Dharamshala	WL Hamirpur	20	695530	
			Total	20	695530	
			Total	326	10817109.5	
	Clearing of Areas Infested upto 100%					
		Bilaspur	Bilaspur	10	419430	
		Bilaspur	Kunihar	25	1048645	
			Total	35	1468075	
		Chamba	Dalhousie	25	1048575	
			Total	25	1048575	
		Dharamshala	Nurpur	37	1551891	
		Dharamshala	Palampur	10	419430	
			Total	47	1971321	
		Hamirpur	Dehra	20	838860	
		Hamirpur	Hamirpur	8	279600	
		Hamirpur	Una	10	251000	
			Total	38	1369460	
		Mandi	Jogindernagar	10	419430	
		Mandi	Mandi	20	838860	
		Mandi	Suket	20	838860	
			Total	50	2097150	
		Nahan	Rajgarh	23	964689	
			Total	23	964689	
		Wildlife (N) Dharamshala	WL Hamirpur	10	419430	
			Total	10	419430	
		HP State CAMPA	State CAMPA	0	16248430.5	
			Total	0	16248430.5	
			Total	228	25587130.5	
	Maintenance of Cleared Areas Rule-5(2)(d)					
	2nd Year Activity-1st Maint. / 25% Infested Areas					
		Bilaspur	Bilaspur	15	69465	
			Total	15	69465	
		Chamba	Dalhousie	10	46310	
			Total	10	46310	
		Dharamshala	Dharamshala	5	95000	
		Dharamshala	Nurpur	35	162085	
		Dharamshala	Palampur	20	92620	
			Total	60	349705	
		Hamirpur	Una	25	115775	
			Total	25	115775	
		Mandi	Mandi	5	23155	
		Mandi	Suket	10	46310	
			Total	15	69465	
		Nahan	Nahan	78.7	364459.7	
		Nahan	Paonta Sahib	41	172610	
		Nahan	Rajgarh	8.1	139441.5	
			Total	127.8	676511.2	
		Rampur	Kotgarh	3	13893	
			Total	3	13893	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
		Solan	Nalagarh	10	46310	
			Total	10	46310	
			Total	265.8	1387434.2	
	2nd Year Activity-1st Maint. / 50% Infested Areas					
		Bilaspur	Bilaspur	116	766876	
		Bilaspur	Kunihar	13	85943	
			Total	129	852819	
		Chamba	Chamba	7	46277	
		Chamba	Dalhousie	15	99165	
			Total	22	145442	
		Dharamshala	Dharamshala	5	90000	
		Dharamshala	Nurpur	20	132220	
		Dharamshala	Palampur	30	618310	
			Total	55	840530	
		Hamirpur	Dehra	35	756360	
		Hamirpur	Hamirpur	10	60100	
		Hamirpur	Una	20	132220	
			Total	65	948680	
		Mandi	Jogindernagar	15	99165	
		Mandi	Karsog	20	132220	
		Mandi	Mandi	20	132220	
		Mandi	Suket	15	99165	
			Total	70	462770	
		Nahan	Paonta Sahib	20	132220	
		Nahan	Rajgarh	15	99165	
		Nahan	Renukaji	20	132220	
			Total	55	363605	
		Solan	Nalagarh	40	263330	
			Total	40	263330	
			Total	436	3877176	
	2nd Year Activity-1st Maint. / 75% Infested Areas					
		Bilaspur	Bilaspur	10	76010	
		Bilaspur	Kunihar	20	423775	
			Total	30	499785	
		Chamba	Chamba	160	1216160	
		Chamba	Dalhousie	10	76010	
			Total	170	1292170	
		Dharamshala	Dharamshala	23	414000	
		Dharamshala	Nurpur	20	152020	
		Dharamshala	Palampur	30	499785	
			Total	73	1065805	
		Hamirpur	Dehra	20	152020	
		Hamirpur	Hamirpur	10	70000	
		Hamirpur	Una	10	76010	
			Total	40	298030	
		Mandi	Jogindernagar	10	76010	
		Mandi	Karsog	10	76010	
		Mandi	Mandi	15	114015	
		Mandi	Suket	15	114015	
			Total	50	380050	
		Nahan	Paonta Sahib	5.1	38765.1	



HP State Authority – APO For the Year 2022-23

Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
		Nahan	Renukaji	10	347765	
			Total	15.1	386530.1	
		Rampur	Kotgarh	2	15202	
			Total	2	15202	
		Solan	Nalagarh	20	152020	
			Total	20	152020	
		Wildlife (N) Dharamshala	WL Hamirpur	25	461780	
			Total	25	461780	
			Total	425.1	4551372.1	
2nd Year Activity-1st Maint. / 100% Infested Areas						
		Bilaspur	Bilaspur	10	76010	
		Bilaspur	Kunihar	45	1028885	
			Total	55	1104895	
		Chamba	Dalhousie	20	152020	
			Total	20	152020	
		Dharamshala	Nurpur	40	304040	
		Dharamshala	Palampur	20	152020	
			Total	60	456060	
		Hamirpur	Dehra	20	152020	
		Hamirpur	Hamirpur	24	167640	
			Total	44	319660	
		Mandi	Jogindernagar	10	76010	
		Mandi	Mandi	10	76010	
		Mandi	Suket	10	76010	
			Total	30	228030	
		Nahan	Rajgarh	5	38005	
			Total	5	38005	
		Solan	Nalagarh	20	152020	
			Total	20	152020	
		Wildlife (N) Dharamshala	WL Hamirpur	32	311916	
			Total	32	311916	
			Total	266	2762606	
3rd Year Activity-2nd Maint. / 25% Infested Areas						
		Bilaspur	Bilaspur	10	18645	
			Total	10	18645	
		Chamba	Dalhousie	10	18645	
			Total	10	18645	
		Dharamshala	Nurpur	15	27967.5	
		Dharamshala	Palampur	30	55935	
			Total	45	83902.5	
		Hamirpur	Hamirpur	20	44500	
		Hamirpur	Una	15	27967.5	
			Total	35	72467.5	
		Mandi	Jogindernagar	10	18645	
		Mandi	Karsog	20	344300	
		Mandi	Mandi	5	9322.5	
		Mandi	Suket	30	55935	
			Total	65	428202.5	
		Nahan	Paonta Sahib	20	37290	



HP State Authority – APO For the Year 2022-23

Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
		Nahan	Rajgarh	10	18645	
			Total	30	55935	
			Total	195	677797.5	
	3rd Year Activity-2nd Maint. / 50% Infested Areas					
	Bilaspur	Bilaspur		25	83737.5	
	Bilaspur	Kunihar		18	60291	
			Total	43	144028.5	
	Chamba	Dalhousie		20	66990	
			Total	20	66990	
	Dharamshala	Nurpur		20	66990	
	Dharamshala	Palampur		55	1033340	
			Total	75	1100330	
	Hamirpur	Dehra		10	33495	
	Hamirpur	Hamirpur		29	108250	
	Hamirpur	Una		14	46893	
			Total	53	188638	
	Mandi	Jogindernagar		15	50242.5	
	Mandi	Karsog		15	414150	
	Mandi	Mandi		10	33495	
	Mandi	Suket		20	66990	
			Total	60	564877.5	
	Nahan	Nahan		15	50242.5	
	Nahan	Paonta Sahib		20	66990	
	Nahan	Rajgarh		25	83737.5	
	Nahan	Renukaji		25	83737.5	
			Total	85	284707.5	
	Solan	Nalagarh		10	33495	
			Total	10	33495	
			Total	346	2383066.5	
	3rd Year Activity-2nd Maint. / 75% Infested Areas					
	Bilaspur	Bilaspur		10	46695	
	Bilaspur	Kunihar		10	46695	
			Total	20	93390	
	Chamba	Dalhousie		35	163432.5	
			Total	35	163432.5	
	Dharamshala	Nurpur		10	46695	
	Dharamshala	Palampur		159.35	5240565.275	
			Total	169.35	5287260.275	
	Hamirpur	Dehra		10	46695	
	Hamirpur	Hamirpur		15	73750	
	Hamirpur	Una		15	70042.5	
			Total	40	190487.5	
	Mandi	Jogindernagar		10	46695	
	Mandi	Karsog		10	76010	
	Mandi	Mandi		24	112068	
	Mandi	Suket		10	46695	
			Total	54	281468	
	Nahan	Nahan		25	116737.5	
	Nahan	Paonta Sahib		10	46695	
	Nahan	Rajgarh		10	46695	
	Nahan	Renukaji		20	93390	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
			Total	65	303517.5	
		Shimla	Shimla	15	70042.5	
			Total	15	70042.5	
		Solan	Nalagarh	10	46695	
			Total	10	46695	
		Wildlife (N) Dharamshala	WL Hamirpur	18	84051	
			Total	18	84051	
			Total	426.35	6520344.275	
3rd Year Activity-2nd Maint. / 100% Infested Areas						
		Bilaspur	Bilaspur	8	37356	
		Bilaspur	Kunihar	17	79381.5	
			Total	25	116737.5	
		Chamba	Chamba	15	70042.5	
		Chamba	Dalhousie	15	70042.5	
			Total	30	140085	
		Dharamshala	Nurpur	20	93390	
		Dharamshala	Palampur	30.32	141579.24	
			Total	50.32	234969.24	
		Hamirpur	Dehra	10	46695	
		Hamirpur	Hamirpur	4	16980	
			Total	14	63675	
		Mandi	Jogindernagar	5	23347.5	
		Mandi	Suket	5	23347.5	
			Total	10	46695	
		Nahan	Nahan	15	70042.5	
		Nahan	Rajgarh	8	37356	
			Total	23	107398.5	
		Shimla	Shimla	5	23347.5	
			Total	5	23347.5	
		Solan	Nalagarh	10	46695	
			Total	10	46695	
		Wildlife (N) Dharamshala	WL Hamirpur	50	233475	
			Total	50	233475	
			Total	217.32	1013077.74	
4th Year Activity-3rd Maint. / 25% Infested Areas						
		Bilaspur	Bilaspur	31	57799.5	
		Bilaspur	Kunihar	30	55935	
			Total	61	113734.5	
		Chamba	Dalhousie	50.8	94716.6	
			Total	50.8	94716.6	
		Dharamshala	Nurpur	25	46612.5	
		Dharamshala	Palampur	131.39	244976.655	
			Total	156.39	291589.155	
		Hamirpur	Dehra	5	9322.5	
		Hamirpur	Hamirpur	74.8	115470	
		Hamirpur	Una	18	33561	
			Total	97.8	158353.5	
		Mandi	Jogindernagar	16	29832	
		Mandi	Karsog	20	37290	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
		Mandi	Mandi	10	18645	
			Total	46	85767	
		Nahan	Paonta Sahib	78	145431	
		Nahan	Rajgarh	20	37290	
			Total	98	182721	
		Shimla	Shimla	3	5593.5	
			Total	3	5593.5	
			Total	512.99	932475.255	
	4th Year Activity-3rd Maint. / 50% Infested Areas					
		Bilaspur	Bilaspur	142.93	478744.035	
		Bilaspur	Kunihar	60	200970	
			Total	202.93	679714.035	
		Chamba	Chamba	56	187572	
		Chamba	Dalhousie	200	669900	
			Total	256	857472	
		Dharamshala	Nurpur	39	130630.5	
		Dharamshala	Palampur	86.3	289061.85	
			Total	125.3	419692.35	
		Hamirpur	Dehra	70	234465	
		Hamirpur	Hamirpur	97.53	282301.5	
		Hamirpur	Una	50	167475	
			Total	217.53	684241.5	
		Mandi	Jogindernagar	60	200970	
		Mandi	Karsog	95	318202.5	
		Mandi	Mandi	30	100485	
		Mandi	Suket	50	167475	
			Total	235	787132.5	
		Nahan	Nahan	40	133980	
		Nahan	Paonta Sahib	100	334950	
		Nahan	Rajgarh	46	154077	
		Nahan	Renukaji	70	234465	
			Total	256	857472	
		Shimla	Shimla	24	80388	
			Total	24	80388	
		Solan	Nalagarh	35	117232.5	
			Total	35	117232.5	
			Total	1351.76	4483344.885	
	4th Year Activity-3rd Maint. / 75% Infested Areas					
		Bilaspur	Bilaspur	59	275500.5	
		Bilaspur	Kunihar	40	186780	
			Total	99	462280.5	
		Chamba	Chamba	75	350212.5	
		Chamba	Dalhousie	258	1191531	
			Total	333	1541743.5	
		Dharamshala	Nurpur	60	280170	
		Dharamshala	Palampur	9.99	347417.235	
			Total	69.99	627587.235	
		Hamirpur	Dehra	50	233475	
		Hamirpur	Hamirpur	8	36000	
		Hamirpur	Una	60	280170	
			Total	118	549645	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
		Mandi	Jogindernagar	52	242814	
		Mandi	Karsog	20	93390	
		Mandi	Mandi	83	387568.5	
		Mandi	Suket	73	340873.5	
			Total	228	1064646	
		Nahan	Nahan	50	233475	
		Nahan	Paonta Sahib	85	396907.5	
		Nahan	Rajgarh	115.95	541428.525	
		Nahan	Renukaji	45	210127.5	
			Total	295.95	1381938.525	
		Shimla	Shimla	12.5	58368.75	
			Total	12.5	58368.75	
		Solan	Nalagarh	75	337012.5	
			Total	75	337012.5	
			Total	1231.44	6023222.01	
	4th Year Activity-3rd Maint. / 100% Infested Areas					
		Bilaspur	Bilaspur	56.5	263826.75	
		Bilaspur	Kunihar	50	233475	
			Total	106.5	497301.75	
		Chamba	Chamba	69	322195.5	
		Chamba	Dalhousie	92	429594	
			Total	161	751789.5	
		Dharamshala	Nurpur	65	303517.5	
			Total	65	303517.5	
		Hamirpur	Dehra	5	23347.5	
		Hamirpur	Hamirpur	25	92990	
		Hamirpur	Una	20	93390	
			Total	50	209727.5	
		Mandi	Mandi	25	116737.5	
		Mandi	Suket	15	70042.5	
			Total	40	186780	
		Nahan	Nahan	59.9	279703.05	
		Nahan	Rajgarh	8	37356	
			Total	67.9	317059.05	
		Shimla	Shimla	15	70042.5	
			Total	15	70042.5	
		Wildlife (N) Dharamshala	WL Hamirpur	60	280170	
			Total	60	280170	
		HP State CAMPA	State CAMPA	0	771695.735	
			Total	0	771695.735	
			Total	565.4	3388083.535	
			Total	12347.2795	163803200	
6	Pest and Disease Control in Forests					
	Pest and Disease Control in Forests Rule-5(2)(e)					
	Pest and Disease Control in Forests					
		Hamirpur	Una	200	500000	
			Total	200	500000	
		Mandi	Suket	40	1440000	
			Total	40	1440000	
		Rampur	Kinnaur	0	600000	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
			Total	0	600000	
			Total	240	2540000	
			Total	240	2540000	
7	Forest Fire Prevention and Control Operations					
	Forest Fire Prevention and Control Activities Rule-5(2)(f)					
	Forest Fire Prevention and Control Activities					
	Bilaspur	Bilaspur		2710	2850000	
	Bilaspur	Kunihar		3690	1107000	
		Total		6400	3957000	
	Chamba	Bharmour		4668	1923216	
	Chamba	Dalhousie		2250	975000	
	Chamba	Pangi		21	630000	
		Total		6939	3528216	
	Dharamshala	Dharamshala		2000	750000	
	Dharamshala	Nurpur		1	400000	
	Dharamshala	Palampur		28	831000	
		Total		2029	1981000	
	Hamirpur	Dehra		1382	1153500	
	Hamirpur	Hamirpur		274.55	3078475	
	Hamirpur	Una		1725.1	2296985	
		Total		3381.65	6528960	
	Kullu	Kullu		6943	2762000	
	Kullu	Lahaul		120	1800000	
	Kullu	Parvati		4190.5	1353500	
		Total		11253.5	5915500	
	Mandi	Jogindernagar		2201	760000	
	Mandi	Karsog		185	502500	
	Mandi	Mandi		194	3759000	
	Mandi	Suket		2625.75	1721498	
		Total		5205.75	6742998	
	Nahan	Nahan		2280	684000	
	Nahan	Paonta Sahib		1316	1084500	
	Nahan	Rajgarh		200	300000	
	Nahan	Renukaji		4868	1409400	
		Total		8664	3477900	
	Rampur	Kotgarh		3190.15	1473578	
		Total		3190.15	1473578	
	Shimla	Theog		12.5	82500	
		Total		12.5	82500	
	Solan	Nalagarh		988	2274000	
	Solan	Solan		1179	1467000	
		Total		2167	3741000	
	GHNP Shamshi	GHNP Shamshi		117	630000	
		Total		117	630000	
	HP State CAMPA	State CAMPA		0	31941348	
		Total		0	31941348	
		Total		49359.55	70000000	
		Total		49359.55	70000000	
8	Soil and Moisture Conservation Works					
	Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings Rule-5(2)(g)					



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings						
		Bilaspur	Bilaspur	1	275000	
			Total	1	275000	
		Dharamshala	Nurpur	2	1000000	
			Total	2	1000000	
		Hamirpur	Dehra	2	840000	
		Hamirpur	Hamirpur	5	440000	
			Total	7	1280000	
		Kullu	Kullu	4	1000000	
		Kullu	Seraj	2	600000	
			Total	6	1600000	
		Mandi	Mandi	2	450000	
		Mandi	Suket	2	450000	
			Total	4	900000	
		Nahan	Nahan	1	200000	
		Nahan	Rajgarh	1	250000	
			Total	2	450000	
		Shimla	Rohru	1	200000	
			Total	1	200000	
		Solan	Solan	1	200000	
			Total	1	200000	
		HP State CAMPA	State CAMPA	90	9000000	
			Total	90	9000000	
			Total	114	14905000	
Development and Maintenance of Natural Springs in Forest Areas Rule-5(2)(g)						
Development and Maintenance of Natural Springs in Forest Areas						
		Bilaspur	Bilaspur	1	250000	
		Bilaspur	Kunihar	4	269000	
			Total	5	519000	
		Chamba	Churah	1	150000	
			Total	1	150000	
		Dharamshala	Dharamshala	1	300000	
		Dharamshala	Nurpur	1	150000	
		Dharamshala	Palampur	1	300000	
			Total	3	750000	
		Kullu	Kullu	3	348000	
			Total	3	348000	
		Mandi	Jogindernagar	1	150000	
		Mandi	Suket	3	350000	
			Total	4	500000	
		Nahan	Renukaji	2	250000	
			Total	2	250000	
		Rampur	Ani	1	200000	
			Total	1	200000	
		Shimla	Rohru	1	200000	
		Shimla	Shimla	2	70000	
			Total	3	270000	
		Solan	Solan	2	50000	
			Total	2	50000	
		HP State CAMPA	State CAMPA	60	8913000	
			Total	60	8913000	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
			Total	84	11950000	
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas Rule-5(2)(g)						
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas						
	Bilaspur	Bilaspur		2	5000000	
	Bilaspur	Kunihar		2	6000000	
		Total		4	11000000	
	Dharamshala	Dharamshala		7	17500000	
	Dharamshala	Nurpur		5	12500000	
	Dharamshala	Palampur		4	10000000	
		Total		16	40000000	
	Hamirpur	Dehra		1	2500000	
		Total		1	2500000	
	Mandi	Jogindernagar		4	10000000	
	Mandi	Karsog		2	5000000	
	Mandi	Mandi		5	12500000	
		Total		11	27500000	
	Nahan	Nahan		42	5000000	
	Nahan	Paonta Sahib		1	2500000	
	Nahan	Rajgarh		1	2500000	
	Nahan	Renukaji		1	2500000	
		Total		45	12500000	
	Rampur	Kinnaur		1	2500000	
	Rampur	Kotgarh		8	12600000	
	Rampur	Rampur		1	2500000	
		Total		10	17600000	
	Solan	Nalagarh		3	7500000	
	Solan	Solan		1	2500000	
		Total		4	10000000	
	Wildlife (S) Shimla	WL Shimla		3	7500000	
		Total		3	7500000	
	GHNP Shamshi	GHNP Shamshi		2	5000000	
		Total		2	5000000	
	HP State CAMPA	State CAMPA		54	199000000	
		Total		54	199000000	
		Total		150	332600000	
Integrated Development of Micro Watersheds and Catchments Rule-5(2)(g)						
Integrated Development of Micro Watersheds and Catchments						
Soil Conservation Works in Forest Areas Rule-5(2)(g)						
Soil Conservation Works in Forest Areas						
	Bilaspur	Bilaspur		59	1497000	
	Bilaspur	Kunihar		79	1938000	
		Total		138	3435000	
	Chamba	Bharmour		527	3874201	
	Chamba	Chamba		235	2350000	
	Chamba	Churah		180	1800000	
	Chamba	Pangi		625	6250000	
		Total		1567	14274201	
	Dharamshala	Nurpur		244	3067400	
	Dharamshala	Palampur		352	6506000	
		Total		596	9573400	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
		Hamirpur	Dehra	190	3484000	
		Hamirpur	Hamirpur	31	2062000	
		Hamirpur	Una	316	3289000	
			Total	537	8835000	
		Kullu	Kullu	1170	10530000	
		Kullu	Lahaul	340	5850000	
		Kullu	Parvati	130	1300000	
			Total	1640	17680000	
		Mandi	Jogindernagar	95	4495000	
		Mandi	Karsog	1129	3725000	
		Mandi	Mandi	233	5492000	
		Mandi	Nachan	13	520000	
		Mandi	Suket	136	6145000	
			Total	1606	20377000	
		Nahan	Paonta Sahib	28	2085000	
		Nahan	Rajgarh	20	590000	
			Total	48	2675000	
		Rampur	Ani	130	2035604	
		Rampur	Kotgarh	126	2320000	
		Rampur	Rampur	7	1350000	
			Total	263	5705604	
		Shimla	Chopal	40	1300000	
		Shimla	Rohru	17	1000000	
		Shimla	Shimla	98	3068040	
		Shimla	Theog	25	1250000	
		Shimla	Shimla (Urban)	20	1600000	
			Total	200	8218040	
		Solan	Nalagarh	30	450000	
		Solan	Solan	417	2000000	
			Total	447	2450000	
		Wildlife (N) Dharamshala	WL Hamirpur	1	700000	
			Total	1	700000	
		HP State CAMPA	State CAMPA	0	27275755	
			Total	0	27275755	
			Total	7043	121199000	
Development of Degraded Forest Areas Rule-5(2)(g)						
Development of Degraded Forest Areas						
		Kullu	Kullu	3	4000000	
			Total	3	4000000	
		Shimla	Shimla	0	10000000	
			Total	0	10000000	
		HP State CAMPA	State CAMPA	0	36000000	
			Total	0	36000000	
			Total	3	50000000	
			Total	7394	530654000	
9	Voluntary Relocation of Villages from Protected Areas					
	Voluntary Relocation of Villages from Protected Areas Rule-5(2)(h)					
	Voluntary Relocation of Villages from Protected Areas					
			Total	0	0	
10	Improvement of Wildlife Habitat					



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
	Improvement of Wildlife Habitat as provided in Approved Wildlife Management Plan or Working Plan Rule-5(2)(i)					
	Improvement of Wildlife Habitat as provided in Approved Wildlife Management Plan or Working Plan					
		Dharamshala	Palampur	21	1800000	
			Total	21	1800000	
		Solan	Nalagarh	1	500000	
			Total	1	500000	
		Wildlife (N) Dharamshala	WL Hamirpur	58	1526000	
			Total	58	1526000	
			Total	80	3826000	
			Total	80	3826000	
11	Planting and Rejuvenation of Forest Cover on Non-Forest Land					
	Planting and Rejuvenation of Forest Cover on Non-Forest Land falling in Wildlife Corridors Rule-5(2)(j)					
	Planting and Rejuvenation of Forest Cover on Non-Forest Land falling in Wildlife Corridors					
			Total	0	0	
12	Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals					
	Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals Rule-5(2)(k)					
	Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals					
		Bilaspur	Bilaspur	0	100000	
			Total	0	100000	
		Dharamshala	Palampur	1	300000	
			Total	1	300000	
		Hamirpur	Una	0	2210000	
			Total	0	2210000	
		Kullu	Lahaul	4	3960000	
			Total	4	3960000	
		Rampur	Kotgarh	0	55000	
			Total	0	55000	
		Solan	Nalagarh	5	600000	
			Total	5	600000	
		Wildlife (S) Shimla	WL Shimla	1	1000000	
			Total	1	1000000	
		Wildlife (N) Dharamshala	WL Hamirpur	8	2500000	
			Total	8	2500000	
		GHNP Shamshi	GHNP Shamshi	3	3000000	
			Total	3	3000000	
		HP State CAMPA	State CAMPA	0	9850000	
			Total	0	9850000	
			Total	22	46075000	
			Total	22	46075000	
13	Energy Saving Measures					
	Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority) Rule-5(2)(l)					
	Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)					
		Bilaspur	Kunihar	4	1400000	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
			Total	4	1400000	
		Dharamshala	Dharamshala	3	1050000	
		Dharamshala	Nurpur	1	350000	
		Dharamshala	Palampur	13	4550000	
			Total	17	5950000	
		Mandi	Jogindernagar	2	700000	
		Mandi	Suket	3	950000	
			Total	5	1650000	
		Shimla	Chopal	2	650000	
		Shimla	Rohru	5	1750000	
		Shimla	Shimla	2	700000	
			Total	9	3100000	
		HP State CAMPA	State CAMPA	0	6500000	
			Total	0	6500000	
			Total	35	18600000	
			Total	35	18600000	
14	Management of Biological Diversity and Resources					
	Management of Biological Diversity and Biological Resources Rule-5(2)(m)					
	Management of Biological Diversity and Biological Resources					
	Nahan	Paonta Sahib		1	150000	
	Nahan	Rajgarh		4	343000	
		Total		5	493000	
	Shimla	Shimla		0	455000	
		Total		0	455000	
	Solan	Solan		25	800000	
		Total		25	800000	
	Wildlife (N) Dharamshala	WL Hamirpur		1	1000000	
		Total		1	1000000	
		Total		31	2748000	
	Human Wildlife Conflict Management Rule-5(2)(m)					
	Human Wildlife Conflict Management					
	Nahan	Renukaji		5	500000	
		Total		5	500000	
	HP State CAMPA	State CAMPA		12000	30000000	
		Total		12000	30000000	
		Total		12005	30500000	
	Wildlife Conservation and Protection Rule-5(2)(m)					
	Wildlife Conservation and Protection					
	Bilaspur	Bilaspur		7	590000	
		Total		7	590000	
	Chamba	Bharmour		2	190000	
		Total		2	190000	
	Dharamshala	Dharamshala		200	140000	
	Dharamshala	Nurpur		1	100000	
		Total		201	240000	
	Nahan	Paonta Sahib		3	650000	
		Total		3	650000	
	Rampur	Rampur		1	490000	
		Total		1	490000	
	Solan	Nalagarh		1	300000	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
			Total	1	300000	
		Wildlife (N) Dharamshala	WL Hamirpur	1	300000	
			Total	1	300000	
			Total	216	2760000	
			Total	12252	36008000	
15	Treatment of degraded forest watersheds as per DPF prepared by using LiDAR Technology					
	Treatment of degraded forest watersheds as per DPF prepared by using LiDAR Technology Rule-5(2)(g)					
	Treatment of degraded forest watersheds as per DPF prepared by using LiDAR Technology					
		Dharamshala	Dharamshala	1	24000000	
		Dharamshala	Palampur	1	16000000	
			Total	2	40000000	
			Total	2	40000000	
			Total	2	40000000	
			Total Activity under 80%		1164681300	
	Activity under 20%					
1	Establishment, Upgradation and Maintenance of Modern Nurseries					
	Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure) Rule-5(3)(a)					
	Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)					
		Bilaspur	Bilaspur	2	550000	
		Bilaspur	Kunihar	3	292000	
			Total	5	842000	
		Chamba	Chamba	2	800000	
		Chamba	Pangi	1.96	600000	
			Total	3.96	1400000	
		Dharamshala	Dharamshala	1	200000	
		Dharamshala	Nurpur	2	450000	
		Dharamshala	Palampur	15	1050000	
			Total	18	1700000	
		Hamirpur	Hamirpur	1	700000	
		Hamirpur	Una	3	475000	
			Total	4	1175000	
		Kullu	Lahaul	1	990000	
			Total	1	990000	
		Mandi	Jogindernagar	3	950000	
		Mandi	Suket	1	200000	
			Total	4	1150000	
		Nahan	Rajgarh	2	700000	
			Total	2	700000	
		Rampur	Ani	4	900000	
		Rampur	Kotgarh	5.11	790000	
			Total	9.11	1690000	
		Shimla	Rohru	2	400000	
			Total	2	400000	
		Solan	Nalagarh	3	400000	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
		Solan	Solan	3	300000	
			Total	6	700000	
		GHNP Shamshi	GHNP Shamshi	15000	350000	
			Total	15000	350000	
		APCCF (R&T) S/nagar	DFO Res, S/nagar	4	750000	
			Total	4	750000	
		HP State CAMPA	State CAMPA	0	6600000	
			Total	0	6600000	
			Total	15059.07	18447000	
			Total	15059.07	18447000	
2	Conservation, Suitable Use and Documentation of Biological Diversity					
	Conservation, Sustainable Use and Documentation of Biological Diversity including Preservation of Habitats, Conservation of Land and Folk Varieties and Cultivars, Domesticated Stocks and Breeds of Animals and micro organisms and Chronicling of Knowledge relating to Biological Diversity Rule-5(3)(b)					
	Conservation, Sustainable Use and Documentation of Biological Diversity including Preservation of Habitats, Conservation of Land and Folk Varieties and Cultivars, Domesticated Stocks and Breeds of Animals and micro organisms and Chronicling of Knowledge relating to Biological Diversity					
		Solan	Nalagarh	1	100000	
			Total	1	100000	
			Total	1	100000	
			Total	1	100000	
3	Information Technology and Communication					
	Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife Rule-5(3)(c)&(d)					
	Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife					
		Bilaspur	Bilaspur	2	90000	
			Total	2	90000	
		Dharamshala	Nurpur	2	120000	
		Dharamshala	Palampur	3	252000	
			Total	5	372000	
		Hamirpur	Dehra	3	51000	
		Hamirpur	Una	6	60000	
			Total	9	111000	
		Kullu	Lahaul	1	5000	
			Total	1	5000	
		Mandi	Karsog	4	100000	
		Mandi	Mandi	20	225000	
			Total	24	325000	
		Nahan	Paonta Sahib	1	50000	
			Total	1	50000	
		Rampur	Kotgarh	10	64000	
			Total	10	64000	
		Shimla	Chopal	0	60000	
			Total	0	60000	
		Solan	Nalagarh	1	75000	
			Total	1	75000	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
		CCF (IT) Shimla	DFO(MIS/IT) Shimla	0	3500000	
			Total	0	3500000	
			Total	53	4652000	
			Total	53	4652000	
4	Forest Infrastructure Development					
	Construction of Residential and Official Buildings for Front Line Field Staff Rule-5(3)(e)					
	Construction of Residential and Official Buildings for Front Line Field Staff					
		Bilaspur	Bilaspur	1	1200000	
		Bilaspur	Kunihar	1	1200000	
			Total	2	2400000	
		Chamba	Chamba	3	3900000	
		Chamba	Churah	1	1200000	
			Total	4	5100000	
		Dharamshala	Dharamshala	1	1300000	
		Dharamshala	Nurpur	2	4300000	
		Dharamshala	Palampur	2	3000000	
			Total	5	8600000	
		Hamirpur	Dehra	2	2128000	
		Hamirpur	Hamirpur	1	1200000	
		Hamirpur	Una	1	2000000	
			Total	4	5328000	
		Kullu	Kullu	1	1300000	
		Kullu	Parvati	2	3000000	
			Total	3	4300000	
		Mandi	Mandi	3	4700000	
		Mandi	Nachan	2	4000000	
		Mandi	Suket	4	6300000	
			Total	9	15000000	
		Nahan	Nahan	3	1500000	
		Nahan	Paonta Sahib	2	2450000	
		Nahan	Rajgarh	1	2000000	
		Nahan	Renukaji	2	3500000	
			Total	8	9450000	
		Rampur	Ani	1	1500000	
		Rampur	Kinnaur	1	1500000	
		Rampur	Kotgarh	1	1200000	
		Rampur	Rampur	2	1950000	
			Total	5	6150000	
		Shimla	Chopal	1	1300000	
		Shimla	Rohru	2	3500000	
		Shimla	Theog	2	2800000	
			Total	5	7600000	
		Solan	Nalagarh	1	1200000	
		Solan	Solan	2	2700000	
			Total	3	3900000	
		HP State CAMPA	State CAMPA	300	81500000	
			Total	300	81500000	
			Total	348	149328000	
	Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots Rule-5(3)(e)					



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
	Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots					
		Bilaspur	Bilaspur	4.5	350000	
		Bilaspur	Kunihar	3	900000	
			Total	7.5	1250000	
		Chamba	Bharmour	7	675000	
		Chamba	Chamba	39	2200000	
		Chamba	Churah	6	610000	
		Chamba	Dalhousie	25.52	1275000	
		Chamba	Pangi	3	850000	
			Total	80.52	5610000	
		Dharamshala	Nurpur	5	1230000	
		Dharamshala	Palampur	11	1245500	
			Total	16	2475500	
		Hamirpur	Hamirpur	16	588000	
		Hamirpur	Una	3	1900000	
			Total	19	2488000	
		Kullu	Kullu	11	2460000	
		Kullu	Lahaul	38.55	1570000	
		Kullu	Parvati	5.5	550000	
			Total	55.05	4580000	
		Mandi	Jogindernagar	9	900000	
		Mandi	Karsog	23.3	2800000	
		Mandi	Mandi	11	1750000	
		Mandi	Nachan	12	211000	
		Mandi	Suket	5	1400000	
			Total	60.3	7061000	
		Nahan	Paonta Sahib	3	550000	
		Nahan	Rajgarh	7.5	465000	
			Total	10.5	1015000	
		Rampur	Ani	0.5	100000	
		Rampur	Kinnaur	2	400000	
		Rampur	Kotgarh	12.5	1100000	
		Rampur	Rampur	401.5	1000000	
			Total	416.5	2600000	
		Shimla	Chopal	9	1900000	
		Shimla	Shimla	19	570000	
		Shimla	Theog	4	900000	
			Total	32	3370000	
		Solan	Nalagarh	35	1215000	
		Solan	Solan	718.55	950000	
			Total	753.55	2165000	
		Wildlife (N) Dharamshala	WL Hamirpur	1	50000	
			Total	1	50000	
		GHNP Shamshi	GHNP Shamshi	2	850000	
			Total	2	850000	
		APCCF (R&T) S/nagar	FTI S/nagar	1	500000	
			Total	1	500000	
		HP State CAMPA	State CAMPA	0	3135500	



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
			Total	0	3135500	
			Total	1454.92	37150000	
			Total	1802.92	186478000	
5	Survey and Mapping of Forest Areas					
	Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation Works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund					
		Dharamshala	Palampur	2	1000000	
			Total	2	1000000	
		Hamirpur	Hamirpur	1	80000	
		Hamirpur	Una	1	1500000	
			Total	2	1580000	
		Mandi	Mandi	0	200000	
			Total	0	200000	
		Rampur	Kotgarh	6	120000	
			Total	6	120000	
		Solan	Nalagarh	1	250000	
			Total	1	250000	
		Wildlife (N) Dharamshala	WL Hamirpur	2	1000000	
			Total	2	1000000	
		APCCF(PFM) Shimla	(GIS)	7	36166100	
			Total	7	36166100	
			Total	20	40316100	
	Survey, Mapping, digitisation and Uploading of Data on Web Portals Rule-5(3)(g)					
	Survey, Mapping, digitisation and Uploading of Data on Web Portals					
		Bilaspur	Bilaspur	0	200000	
			Total	0	200000	
		Hamirpur	Hamirpur	1	200000	
			Total	1	200000	
		Nahan	Rajgarh	1	50000	
			Total	1	50000	
		Rampur	Ani	1	100000	
		Rampur	Kotgarh	0	45000	
			Total	1	145000	
		Solan	Nalagarh	5	250000	
			Total	5	250000	
			Total	8	845000	
			Total	28	41161100	
6	Monitoring and Evaluation					
	Independent Concurrent Monitoring and Evaluation and Third Party Monitoring of Works undertaken from State Fund Rule-5(3)(h)					
	Independent Concurrent Monitoring and Evaluation and Third Party Monitoring of Works undertaken from State Fund					
		HP State CAMPA	State CAMPA	0	30000000	
			Total	0	30000000	
			Total	0	30000000	
			Total	0	30000000	
7	Publicity and Awareness Program/Capacity Building					



Sr. No.	Name of Activity	Name of Circle	Name of Division	Proposed Targets		Remarks
				Phy. (Ha. No. Site. Cum. etc.)	Fin.	
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA) Rule-5(3)(i)						
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)						
		Bilaspur	Bilaspur	0	350000	
		Bilaspur	Kunihar	4	80000	
			Total	4	430000	
		Chamba	Churah	4	200000	
			Total	4	200000	
		Dharamshala	Dharamshala	0	300000	
		Dharamshala	Nurpur	2	200000	
		Dharamshala	Palampur	1	250000	
			Total	3	750000	
		Hamirpur	Dehra	11	300000	
		Hamirpur	Hamirpur	1	150000	
		Hamirpur	Una	1	100000	
			Total	13	550000	
		Mandi	Mandi	0	300000	
		Mandi	Suket	1	500000	
			Total	1	800000	
		Nahan	Paonta Sahib	1	100000	
		Nahan	Rajgarh	1	50000	
		Nahan	Renukaji	1	100000	
			Total	3	250000	
		Rampur	Kotgarh	0	240000	
		Rampur	Rampur	0	500000	
			Total	0	740000	
		Solan	Nalagarh	1	500000	
		Solan	Solan	2	400000	
			Total	3	900000	
		APCCF (R&T) S/nagar	FTI S/nagar	2	400000	
			Total	2	400000	
		HP State CAMPA	State CAMPA	0	5000000	
			Total	0	5000000	
			Total	33	10020000	
			Total	33	10020000	
8	Production and Distribution of Plants					
	Production and Distribution of Quality Planting Stock at Subsidised Price for Promotion of Trees outside Forests on Government Lands Promoted by the State Government					
			Total	0	0	
9	Forest Certification and Development of Certification Standards					
	Forest Certification and Development of Certification Standards Rule-5(3)(k)					
	Forest Certification and Development of Certification Standards					
			Total	0	0	
			Total Activity under 20%		290858100	
			Grand Total		1455539400	



**Circle, Division, Work Activity and Area wise APO under NPV for the year 2022-23
Amount in Rs.**

Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Name of Circle -Bilaspur									
Name of Division - Kunihar									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting in Lantana Cleared Areas									
Planting - 500 Tall plants									
	Plantation	Kunihar	Kunihar	Domehar	Dhao ki Dhar	10	616000		
	Plantation	Darlaghat	Darlaghat	Danoghat	D49- Ghrakru	10	616000		
					Total	20	1232000		
			Total			20	1232000		
Replenishment & Enhancement of Forest Cover (REFC)									
Maintenance of Planting in Lantana Cleared Areas									
Maintenance of Plantation with 500 Tall Plants model									
1st Maintenance - 500 Tall Plants model									
	Plantation	All Ranges	All Block	All Beat	Kunihar Division	27	130383		
					Total	27	130383		
			Total			27	130383		
Maintenance of Plantation done under REFC Scheme									
Maintenance of Plantation done under 800 Normal Plants model									
3rd Maintenance - 800 Normal Plants model									
	Plantation	Arki	Arki	Sharon	DFF- Shraon	10	28600		
					Total	10	28600		
			Total			10	28600		
Nursery Raising									
Nursery Raising									
Nursery Raising									
	Raising of Nursery	All Ranges	All Block	All Beat	Kunihar Division	18000	165060		
					Total	18000	165060		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						18000	165060		
Protection of Plantations & Forests									
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
Clearing of Areas Infested upto 50%									
	Clearing of areas in infested upto 50%	Darlaghat	Darlaghat	Dhundand	UF Kotla	5	138050		
	Clearing of areas in infested upto 50%	Kunihar	Chandi	Goyla	D-87 Baragoan	5	138050		
	Clearing of areas in infested upto 50%	Arki	Arki	Shron	UPF Khali	5	138050		
Total						15	414150		
Clearing of Areas Infested upto 75%									
	Clearing of areas in infested upto 75%	Kunihar	Kunihar	Maan	U336 Jalyang	5	173882.5		
	Clearing of areas in infested upto 75%	Kuthar	Patta	Joharji	UPF-Baintlu	5	173880		
Total						10	347762.5		
Clearing of Areas Infested upto 100%									
	Clearing of areas in infested upto 100%	Darlaghat	Darlaghat	Manlog	DPF- Manlog C5	10	419430		
	Clearing of areas in infested upto 100%	Kunihar	Kunihar	Domehar	D83- Dhao ki Dhar	10	419500		
	Clearing of areas in infested upto 100%	Arki	Jainagar	Bainjhatti	DFP Buili	5	209715		
Total						25	1048645		
Total						50	1810557.5		
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									
2nd Year Activity-1st Maint. / 50% Infested Areas									
	1st Maint. 50% infested area	All Range	All Block	All Beat	Kunihar Division	13	85943		
Total						13	85943		
2nd Year Activity-1st Maint. / 75% Infested Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Clearing of areas in infested upto 75%	Arki	Jainagar	Bhumti	UPF- Jamroti	10	347765		
	1st Maint. 75% infested area	All Range	All Block	All Beat	Kunihar Division	10	76010		
					Total	20	423775		
2nd Year Activity-1st Maint. / 100% Infested Areas									
	Clearing of areas in infested upto 100%	Kuthar	Surajpur	Surajpur	UPF- Lamba Teeb	15	629145		
	Clearing of areas in infested upto 100%	Arki	Jainagar	Bainjhatti	UPF- Balera	5	209715		
	1st Maint. 100% infested area	All Range	All Block	All Beat	Kunihar Division	25	190025		
					Total	45	1028885		
3rd Year Activity-2nd Maint. / 25% Infested Areas									
3rd Year Activity-2nd Maint. / 50% Infested Areas									
	2nd year Maint. 50% infested area	All Range	All Block	All Beat	Kunihar Division	18	60291		
					Total	18	60291		
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	2nd year Maint. 75% infested area	All Range	All Block	All Beat	Kunihar Division	10	46695		
					Total	10	46695		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
	3rd year Maint. 100% infested area	All Range	All Block	All Beat	Kunihar Division	17	79381.5		
					Total	17	79381.5		
4th Year Activity-3rd Maint. / 25% Infested Areas									
	3rd year Maint. 25% infested area	All Range	All Block	All Beat	Kunihar Division	30	55935		
					Total	30	55935		
4th Year Activity-3rd Maint. / 50% Infested Areas									
	3rd year Maint. 50% infested area	All Range	All Block	All Beat	Kunihar Division	60	200970		
					Total	60	200970		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
4th Year Activity-3rd Maint. / 75% Infested Areas									
	3rd year Maint. 75% infested area	All Range	All Block	All Beat	Kunihar Division	40	186780		
					Total	40	186780		
4th Year Activity-3rd Maint. / 100% Infested Areas									
	3rd year Maint. 100% infested area	All Range	All Block	All Beat	Kunihar Division	50	233475		
					Total	50	233475		
				Total		303	2402130.5		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	Fire Watcher	All Range	All Block	All Beat	Kunihar Division	3690	1107000		
					Total	3690	1107000		
				Total		3690	1107000		
Soil and Moisture Conservation Works									
Development and Maintenance of Natural Springs in Forest Areas									
	Construction of Farm pond	Darlaghat	Darlaghat	Manlog	DPF- Manlogc-3	1	99000		
	Maint. of Kachha johar	Kunihar	Chandi	Chandi	D-86 Dharkuhar C1	1	60000	31.0156	76.543
	Maint. of Kachha johar	Kunihar	Kunihar	Chandi	U-77 Lagog	1	60000	31.0118	76.543
	Maint. of Kachha johar	Kunihar	Kunihar	Bani	U-324 Bawan	1	50000	31.0346	76.5627
					Total	4	269000		
				Total		4	269000		
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	WHS	-	-	-	-	2	6000000	-	-
					Total	2	6000000		
				Total		2	6000000		
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	construction of Check Dam	Kunihar	Chandi	Chandi	D-86 Dhar Kuhag C2	7	98000	0	0
	construction of Check Dam	Kunihar	Chandi	Chandi	D-86 Dhar Kuhag C1	7	98000	0	0
	construction of Check Dam	Kuthar	Patta	Awar	UPF- Serla	6	96000	0	0
	construction of Check Dam	Kuthar	Patta	Awar	UPF- Kangi	6	96000	0	0
	Construction of Check Dam	Kuthar	Patta	Patta	UPF- Sherlaghat	6	98000	0	0
	Construction of Check Dam	Kuthar	Patta	Johar Ji	UPF- Khalag Baderi	5	98000	0	0
	Construction of Check Dam	Kuthar	Patta	Johar Ji	UPF- Khalag Joharji	6	98000	0	0
	Construction of Check Dam	Kuthar	Kuthar	Kuthar	Kuthar Nala	5	96000	0	0
	Construction of Check Dam	Kuthar	Kuthar	Darwa	Dalyan Nala	5	90000	0	0
	Construction of Check Dam	Kuthar	Kuthar	Darwa	Dangri Sher Nala	5	98000	0	0
	Construction of Check Dam	Kuthar	Surajpur	Surajpur	DPF- Bijliwala	5	95000	0	0
	Construction of Check Dam	Kuthar	Surajpur	Surajpur	U-477 Kotla	6	99000	0	0
	Construction of Check Dam	Kuthar	Kuthar	Bandh	Dhamreu Nala	5	98000	0	0
	R/wall Near Fgd Hut	Kunihar	Kuthar	Darwa	-	1	210000		
	Mant. R/wall	Kunihar	Chandi	Gharsi	-	1	90000		
	Maint. R/wall Near Crematorium	Kunihar	Chandi	Gharsi	-	1	90000		
	C/o C/wall near Temple	Kunihar	Chandi	Gharsi	-	1	90000		
	C/o Rwall at FGD Hut gharshi	Kunihar	Chandi	Gharsi	-	1	200000		
					Total	79	1938000		
						79	1938000		
Energy Saving Measures									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
	Const. of Crematorium (Aali Khad)	Darlaghat	Darlaghat	Dhundand	Dasheran	1	350000		
	C/o Crematorium	Kunihar	Kunihar	Domehar	-	1	350000		
	C/o Crematorium	Arki	Arki	Phokhtu	-	1	350000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	C/o crematorium	Kunihar	Chandi	Goala	-	1	350000		
					Total	4	1400000		
			Total			4	1400000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	Development of Nursery	Kuthar	Surajpur	Khrota	Baguwala	1	98000	0	0
	Development of Nursery	Arki	Jainagar	Bainjhatti	Cheod Khad	1	98000	0	0
	Development of Nursery	Darlaghat	Darlaghat	Manlog	Manlog	1	96000	0	0
					Total	3	292000		
			Total			3	292000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	Construction of New Fgd. hut	Kunihar	Kunihar	Domehar	Domehar	1	1200000	N31.01.29	E076.346
					Total	1	1200000		
			Total			1	1200000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Repaired and Maint. of approach road	Darlaghat	Danoghat	Danoghat	Danoghat	1	300000	0	0
	Repair and metaling of approach Road	Darlaghat	Danoghat	Danoghat	Danoghat	1	300000	0	0
	Repair And Maint. of FGD Hut Manjhu	Arki	Arki	Manjhu	Manjhu	1	300000	0	0
					Total	3	900000		
			Total			3	900000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	Publicity and Awareness Program	All Ranges	-	-	Kunihar Division	4	80000	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	4	80000		
			Total			4	80000		
Grand Total							18954731		
Name of Division - Bilaspur									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting in Lantana Cleared Areas									
Planting - 500 Tall plants									
	New Planting fencing with Wooden Fence Post	Shri Naina Devi Ji	Kot	Ghatewal	C-11 Guru ka lahore	10	616000	31o 20' 187"	76° 30' 873"
	New Planting fencing with Wooden Fence Post	Shri Naina Devi Ji	Bassi	Bassi	UPF Bassi	5	308000	31o 33' 965"	76° 51' 063"
	New Planting fencing with Wooden Fence Post	Shri Naina Devi Ji	Kot	Lehari	DPF Dhalet	10	616000	31o 22' 22"	76° 28' 494"
					Total	25	1540000		
Planting - 200 Tall plants									
	New Planting fencing with Wooden Fence Post	Shri Naina Devi Ji	Bhakra	Jandour	UPF Dehan	10	388080	31o 33' 869"	76° 43' 352"
	New Planting fencing with Wooden Fence Post	Shri Naina Devi Ji	Badoh	Nakrana	UPF Nakrana	3	116424	31o 29' 9905"	76° 58' 0525"
	New Planting fencing with Wooden Fence Post	Shri Naina Devi Ji	Kot	Kot	UPF Toba	8	310464	31o 17' 275"	76° 31' 495"
	New Planting fencing with Wooden Fence Post	Shri Naina Devi Ji	Badoh	Badoh	C-21 Gallua	5	194040	31o 16' 666"	76° 42' 18"
					Total	26	1009008		
Planting - 1100 Normal plants									
Planting - 800 Normal plants									
			Total			51	2549008		
Replenishment & Enhancement of Forest Cover (REFC)									
Planting with 1100 Normal Plants									
Planting with 800 Normal Plants									
Maintenance of Planting in Lantana Cleared Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Maintenance of Plantation with 500 Tall Plants model									
1st Maintenance - 500 Tall Plants model									
	Maintenance (Fenced with WFP)	Ghumarwin	Harlog	Malaywar	UF Balh Churani	5	24145	31o 43' 637"	76° 77' 631"
					Total	5	24145		
2nd Maintenance - 500 Tall Plants model									
3rd Maintenance - 500 Tall Plants model									
Maintenance of Plantation with 200 Tall Plants model									
1st Maintenance - 200 Tall Plants model									
	Maintenance (Fenced with WFP)	Swarghat	Swarghat	Swarghat	UF Majher	3	6534	31o 15' 075"	76° 43' 099"
	Maintenance (Fenced with WFP)	Swarghat	Swarghat	Behal	UF Lakhala	5	10890	31o 13' 591"	76° 37' 510"
	Maintenance (Fenced with WFP)	Sadar	Sadar	Kuddi	Jungle Jhaleda	10	21780	31o 35' 5885"	76° 78' 5885"
	Maintenance (Fenced with WFP)	Sadar	Brahampukhar	Namhol	UF Palog	3	6534	31o 26' 69"	76° 83' 41"
	Maintenance (Fenced with WFP)	Sadar	Sadar	Binoula	DPF Binoula	4	8712	31o 37' 2864"	76° 79' 7836"
	Maintenance (Fenced with WFP)	Jhandutta	Jhandutta	Jhoulla	C-6b Jhoulla	10	21780	31o 21' 2832"	76° 36' 3794"
	Maintenance (Fenced with WFP)	Jhandutta	Samoh	Samoh	C-7 Bhagra	15	32670	31o 22' 426"	76° 41' 460"
	Maintenance (Fenced with WFP)	Jhandutta	Jhandutta	Berthin	UF Baloh	3	6534	--	--
	Maintenance (Fenced with WFP)	Jhandutta	Gocher	Jhabolla	C-8b Challeli	3	6534	31o 22' 2832"	76° 36' 3794"
	Maintenance (Fenced with WFP)	Kalol	Bachhretu	Kulziar	UF Jarot	5	10890	31o 40' 45.0"	76° 52' 5.0"
	Maintenance (Fenced with WFP)	Kalol	Kalol	Kalol	C-17 Chughan	4	8712	31o 34' 361"	76° 61' 69.0"
	Maintenance (Fenced with WFP)	Ghumarwin	Ghumarwin	Sadyar	C-17 Sadyar	6	13068	31o 25' 567"	76° 41' 305"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maintenance (Fenced with WFP)	Ghumarwin	Ghumarwin	Takrera	C-8 Phetidhar	2	4356	31o 25' 411"	76° 44' 009"
	Maintenance (Fenced with WFP)	Ghumarwin	Harlog	Harlog	C-5b Harlog	5	10890	31o 27' 02"	76° 44' 59"
	Maintenance (Fenced with WFP)	Ghumarwin	Harlog	Malaywar	C-9 Tihra	5	10890	31o 25' 415"	76° 46' 189"
	Maintenance (Fenced with WFP)	Ghumarwin	Harlog	Malaywar	C-11 Malaywar	10	21780	31o 25' 605"	76° 77' 631"
	Maintenance (Fenced with WFP)	Shri Naina Devi Ji	Bhakra	Jandour	UF Dehan	10	21780	31o 33' 869"	76° 43' 352"
	Maintenance (Fenced with WFP)	Shri Naina Devi Ji	Kot	Kot	UF Tobba	8	17424	31o 17' 275"	76° 31' 495"
	Maintenance (Fenced with WFP)	Shri Naina Devi Ji	Badoh	Badoh	C-21 Gallua	5	10890	31o 16' 903"	76° 32' 179"
	Maintenance (Fenced with WFP)	Shri Naina Devi Ji	Kot	Palsed	UF Palsed	5	10890	31o 40' 60"	76° 42' 18"
					Total	121	263538		
2nd Maintenance - 200 Tall Plants model									
	Maintenance (Fenced with WFP)	Bharari	Nihari	Kamloti	C-3b Chokhna	10	13860	31o 30' 394"	76° 37' 540"
	Maintenance (Fenced with WFP)	Bharari	Mohra	Badhaghat	C-12 Sohni Devi	10	13860	31o 26' 845"	76° 40' 489"
	Maintenance (Fenced with WFP)	Bharari	Bharari	Bharari	DPF Barog	6.63	9189.18	31o 31' 209"	76° 41' 038"
					Total	26.63	36909.18		
3rd Maintenance - 200 Tall Plants model									
	Maintenance (Fenced with WFP)	Sadar	Sadar	Lakhanpur	Chandan Van	2	1188	--	--
	Maintenance (Fenced with WFP)	Sadar	Sadar	Kuddi	UF Brathu	10	5940	--	--
					Total	12	7128		
			Total			164.63	331720.18		
Nursery Raising									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Nursery Raising									
Nursery Raising	Chil/OBL Species	-	-	-	-	71500	787191	--	--
					Total	71500	787191		
					Total	71500	787191		
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
	Clumber cutting	Shri Naina Devi Ji	Saloa	Kharkari	DPF Badoh	5	70000	31o 32' 8674"	76° 53' 0661"
	Clumber cutting	Shri Naina Devi Ji	Badoh	Oel	C-28 Kalri	20	NaN	31o 29' 277"	76° 57' 445"
	Clumber cutting	Ghumarwin	Ghumarwin	Sadyar	C-16b Rahat	20	280000	31o 43' 613"	76° 67' 464"
					Total	45	350000		
					Total	45	350000		
Protection of Plantations & Forests									
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
	Clearing of Lantana infested area by CRS Method	Swarghat	Rattanpur	Kachouli	UPF Baddu	10	172150	31o 15	76° 47' 051
					Total	10	172150		
Clearing of Areas Infested upto 50%									
	Clearing of Lantana infested area by CRS Method	Shri Naina Devi Ji	Kot	Ghatewal	UPF Ghatewal	5	138050	31o 34' 07.49	76o 49' 23.06
	Clearing of Lantana infested area by CRS Method	Bharari	Nihari	Nihari	C-6b Chhandoh	10	276100	31o 47" 968"	76° 64' 756"
					Total	15	414150		
Clearing of Areas Infested upto 75%									
	Clearing of Lantana infested area by CRS Method	Shri Naina Devi Ji	Bhakra	Gwalthai	UPF Gwalthai	5	173882.5	31o 24' 16"	76o 24' 16"
	Clearing of Lantana infested area by CRS Method	Kalol	Bachhretu	Bachhretu	C-6 Anti	10	347765	31o 25" 996"	76° 31' 045"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	15	521647.5		
Clearing of Areas Infested upto 100%									
	Clearing of Lantana infested area by CRS Method	Jhandutta	Gocher	Gocher	C-4d Kathiun	10	419430	31o 24' 181"	76o 34' 302"
					Total	10	419430		
					Total	50	1527377.5		
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									
	Cleaning of area infested with Lantana	Sadar	Sadar	Markand	DPF Sandoli	5	23155	31o 33' 48"	76o 81' 04"
	Cleaning of area infested with Lantana	Swarghat	Rattanpur	Kachouli	DPF Kachouli	10	46310	31o 15' 301"	76o 46' 3503"
					Total	15	69465		
2nd Year Activity-1st Maint. / 50% Infested Areas									
	Cleaning of area infested with Lantana	Shri Naina Devi Ji	Bassi	Dharot	UPF Bassa	10	66110	31o 16' 489"	76o 30' 478"
	Lantana Eradication under 50%	Sadar	Sadar	Markand	UPF Bandla	20	132220	--	--
	Lantana Eradication under 50%	Sadar	Sadar	Markand	UPF Barog	20	132220	--	--
	Lantana Eradication under 50%	Sadar	Sadar	Kuddi	DPF Jungle Jhleda	10	66110	--	--
	Lantana Eradication under 50%	Sadar	Panjgain	Panjgain	UPF Kanoun	8	52888	--	--
	Lantana Eradication under 50%	Sadar	Panjgain	Panjgain	UPF Solag Jurasi	15	99165	--	--
	Lantana Eradication under 50%	Sadar	Panjgain	Panjgain	UPF Dhar Tathoh	15	99165	--	--
	Lantana Eradication under 50%	Sadar	Panjgain	Mungrani	UPF Sayar	10	66110	--	--
	Lantana Eradication under 50%	Sadar	Brahampukhar	Brahampukhar	UPF Seola	8	52888	--	--
					Total	116	766876		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
2nd Year Activity-1st Maint. / 75% Infested Areas									
	Cleaning of area infested with Lantana	Ghumarwin	Ghumarwin	Sadyar	C-7 Phetidhar	10	76010	31o 24' 370"	76o 45' 503"
					Total	10	76010		
2nd Year Activity-1st Maint. / 100% Infested Areas									
	Cleaning of area infested with Lantana	Shri Naina Devi Ji	Bassi	Bassi	UPF Bassi	10	76010	31o 31' 5778"	76o 49' 3956"
					Total	10	76010		
3rd Year Activity-2nd Maint. / 25% Infested Areas									
	Cleaning of area infested with Lantana	Kalol	Bachhretu	Bachhretu	UF Gharan	10	18645	--	--
					Total	10	18645		
3rd Year Activity-2nd Maint. / 50% Infested Areas									
	Cleaning of area infested with Lantana	Kalol	Malhot	Kharli	DPF Kakrair	25	83737.5	--	--
					Total	25	83737.5		
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	Cleaning of area infested with Lantana	Bharari	Nihari	Kamloti	C-3a Chokhna	10	46695	--	--
					Total	10	46695		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
	Cleaning of area infested with Lantana	Jhandutta	Jhandutta	Rahan	C-2 Kolka	8	37356	--	--
					Total	8	37356		
4th Year Activity-3rd Maint. / 25% Infested Areas									
	Cleaning of area infested with Lantana	Ghumarwin	Ghumarwin	Sadyar	C-17 Sadyar	10	18645	--	--
	Cleaning of area infested with Lantana	Jhandutta	Jhandutta	Berthin	UF Baloh	7	13051.5	--	--
	Cleaning of area infested with Lantana	Kalol	Kalol	Kalol	C-14 Dholag	4	7458	--	--
	Cleaning of area infested with Lantana	Swarghat	Swarghat	Swarghat	UF Majher	5	9322.5	--	--



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Cleaning of area infested with Lantana	Shri Naina Devi Ji	Saloa	Kulhwin	UF Makri	5	9322.5	--	--
Total						31	57799.5		
4th Year Activity-3rd Maint. / 50% Infested Areas									
	Cleaning of area infested with Lantana	Bharari	Bharari	Bharari	DPF Lehri Sarail	3.63	12158.685	--	--
	Cleaning of area infested with Lantana	Bharari	Mohra	Badhaghat	C-14a Kallar	29.3	98140.35	--	--
	Cleaning of area infested with Lantana	Ghumarwin	Ghumarwin	Ghumarwin	UPF Dakri	2	6699	--	--
	Cleaning of area infested with Lantana	Ghumarwin	Ghumarwin	Takrera	C-8 Phetidhar	10	33495	--	--
	Cleaning of area infested with Lantana	Ghumarwin	Harlog	Malaywar	UF Balh Churani	10	33495	--	--
	Cleaning of area infested with Lantana	Jhandutta	Samoh	Barwar	C-2 Jangla	10	33495	--	--
	Cleaning of area infested with Lantana	Sadar	Brahampukhar	Deoth	UF Bhajoon	5	16747.5	--	--
	Cleaning of area infested with Lantana	Sadar	Brahampukhar	Namhol	UF Palog	3	10048.5	--	--
	Cleaning of area infested with Lantana	Sadar	Sadar	Lakhanpur	NBT	5	16747.5	--	--
	Cleaning of area infested with Lantana	Shri Naina Devi Ji	Badoh	Badoh	C-21 Gallua	10	33495	--	--
	Cleaning of area infested with Lantana	Shri Naina Devi Ji	Kot	Kot	UF Tobba	10	33495	--	--
	Cleaning of area infested with Lantana	Shri Naina Devi Ji	Bhakra	Jandour	UF Dehan	10	33495	--	--
	Cleaning of area infested with Lantana	Shri Naina Devi Ji	Bassi	Bassi	UF Bassi	5	16747.5	--	--
	Cleaning of area infested with Lantana	Swarghat	Swahan	Behal	UF Lakhala	15	50242.5	--	--



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Cleaning of area infested with Lantana	Kalol	Kalol	Gah	UF Buhar	10	33495	--	--
	Cleaning of area infested with Lantana	Kalol	Bachhretu	Kulziar	UF Chaunta	5	16747.5	--	--
					Total	142.93	478744.035		
4th Year Activity-3rd Maint. / 75% Infested Areas									
	Cleaning of area infested with Lantana	Jhandutta	Gocher	Jhabolla	C-8c Challeli	10	46695	--	--
	Cleaning of area infested with Lantana	Jhandutta	Jhandutta	Jhaulla	C-6c Jhaulla	15	70042.5	--	--
	Cleaning of area infested with Lantana	Kalol	Kalol	Malraon	C-38 Chaknar	20	93390	--	--
	Cleaning of area infested with Lantana	Kalol	Bachhretu	Kulziar	UF Jarot	5	23347.5	--	--
	Cleaning of area infested with Lantana	Sadar	Brahampukhar	Namhol	UPF Dagech	5	23347.5	--	--
	Cleaning of area infested with Lantana	Sadar	Panjgain	Bathoh	UF Bhojpur	4	18678	--	--
					Total	59	275500.5		
4th Year Activity-3rd Maint. / 100% Infested Areas									
	Cleaning of area infested with Lantana	Bharari	Mohra	Plasla	C-1a Plasla	16.5	77046.75	--	--
	Cleaning of area infested with Lantana	Kalol	Kalol	Kalol	C-17 Chughan	10	46695	--	--
	Cleaning of area infested with Lantana	Sadar	Sadar	Kuddi	UF Jungle Jhaleda	10	46695	--	--
	Cleaning of area infested with Lantana	Shri Naina Devi Ji	Kot	Ghatewal	C-11 Guru ka lahore	20	93390	--	--
					Total	56.5	263826.75		
					Total	493.43	2250665.29		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Fire Watcher	-	-	-	-	2700	810000	--	--
	Hiring of water tanker	-	-	-	-	-	1000000	--	--
	Hiring of Vehile for strict vigil on fire incidents in Ranges of Bilaspur Forest Division.	-	-	-	-	-	700000	--	--
	Rapair of Fire Line	Shri Naina Devi Ji	Badoh	Oel	C-27 Kalri to C-28 Kalri	5	20000	--	--
	Rapair of Fire Line	Shri Naina Devi Ji	Saloo	Saloo	UPF Saloo (Khai Wala)	5	20000	--	--
	Awarness workshop (Forest Fire)	-	-	-	-	-	300000	--	--
					Total	2710	2850000		
						2710	2850000		
Soil and Moisture Conservation Works									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
	C/o Roof rain WHS in Forest Building FRH Balseena	Jhandutta	Gochar	Ghandir	FRH Balh Seena	1	275000	31o 24' 557	76° 35' 219
					Total	1	275000		
					Total	1	275000		
Development and Maintenance of Natural Springs in Forest Areas									
Development and Maintenance of Natural Springs in Forest Areas									
	C/o WHS at C28 Kalri	Shri Naina Devi Ji	Badho	Oil	C-28 Kalri	1	250000		
					Total	1	250000		
					Total	1	250000		
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	WHS	Sadar	Sadar	Markand	Markand	1	2500000	31.30277 8	76.806 389
	WHS	Sadar	Lakhanpur	Lakhanpur	Dholra Nala	1	2500000	31 33 17.90	76 76 71.46



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	2	500000		
			Total			2	500000		
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	Dry Stone Check Dam	Swarghat	Swarghat	Swarghat	UPF Khurani	6	90000	31o 13' 33.4"	76° 40' 56.7"
	Dry Stone Check Dam	Kalol	Bachhretu	Kulziar	C-9 Chaunta	5	100000	31o 23' 585"	76° 32' 598"
	Dry Stone Check Dam	Kalol	Kalol	Tihri	C-30 Tihari	7	91000	31o 35' 554"	76° 58' 680"
	Dry Stone Check Dam Ka	Kalol	Kalol	Malraon	UF Dholag Chaknar	8	96000	31o 19' 135"	76° 35' 831"
	Dry Stone Check Dam	Shri Naina Devi Ji	Badoh	Oel	UF Kalri (Bawari wala Nala)	5	95000	31o 28' 4258"	76° 57' 676"
	Dry Stone Check Dam	Shri Naina Devi Ji	Badoh	Nakrana	UPF Maleta	5	90000	31o 31' 6383"	76° 56' 367"
	Dry Stone Check Dam	Shri Naina Devi Ji	Bassi	Bassi	UPF Dolan	5	60000	31o 30' 2152"	76° 48' 953"
	Dry Stone Check Dam	Shri Naina Devi Ji	Bhakra	Jandour	UPF Jandour	5	75000	31o 32' 298"	76° 45' 691"
	RCC Retaining Wall	Sadar	Panjgain	Mungrani	UPF Sayar	1	150000	31 19' 31.88	76° 50' 59.18
	RCC Retaining Wall	Sadar	Sadar	Markand	UPF Mangrol	1	250000	31o 20' 57	76° 48' 30
	C/o R/wall	Shri Naina Devi Ji	Badho	Oil	UF Kotlu	1	300000		
	C/o dry stone Cdam	Shri Naina Devi Ji	Badho	Badho	DPF Galua	10	100000		
					Total	59	1497000		
			Total			59	1497000		
Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
Establishment, Operation and Maintenace of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
Establishment, Operation and Maintenace of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Carriage of injured animal to rescue centers	-	-	-	-	-	100000	--	--
					Total	0	100000		
					Total	0	100000		
Management of Biological Diversity and Resources									
Wildlife Conservation and Protection									
Wildlife Conservation and Protection									
	Purchase of Leopard Trap Cage	-	-	-	-	3	390000	--	--
	Purchase of Leopard Transpotation cage	-	-	-	-	4	200000	--	--
					Total	7	590000		
					Total	7	590000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	Development of water storage tank in Bakain Nursery	Kalol	Kalol	Kalol	UF Bakain	1	250000	31o 21' 480"	76° 36' 152"
	Construction of Vermicompost Pit & shed	Shri Naina Devi Ji	Kot	Kot	Kot Nursery	1	300000	31°17'40 "	76°31' 09"
					Total	2	550000		
					Total	2	550000		
Information Technology and Communication									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
	Purchase of Printer -cum-Scanner	-	-	-	-	2	90000	--	--
					Total	2	90000		
					Total	2	90000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Construction of Guard Hut	Bharari	Nihari	Maryani	Forest Guard Hut	1	1200000	--	--
					Total	1	1200000		
				Total		1	1200000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Construction of Inspection path	Sadar	Panjgain	Mungrani	Construction of Inspection path in UPF Sayar (Ghoru to Badwar)	1.5	100000	31o 19' 50.54"	76° 50' 38.22"
	Construction of Inspection path	Sadar	Bharmapukhar	Bharmapukhar	Construction of Inspection path in UPF Seola from Indar Daman Mandir to Seola Forest	2	100000	31o 17' 20.12"	76° 48' 18.2"
	Maint. of path form UF chalila to UPF Kotlu	Shri Naina Devi Ji	Badho	Oil	-	1	150000		
					Total	4.5	350000		
				Total		4.5	350000		
Survey and Mapping of Forest Areas									
Survey, Mapping, digitisation and Uploading of Data on Web Portals									
Survey, Mapping, digitisation and Uploading of Data on Web Portals									
	Survey, Mapping, digitisation and Uploading of Data on Web Portals	-	-	-	-	-	200000	--	--
					Total	0	200000		
				Total		0	200000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	Workshop in CAMPA	-	-	-	-	-	350000	-	-
					Total	0	350000		
				Total		0	350000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Grand Total							21097962		
Name of Circle -Mandi									
Name of Division - Suket									
Protection of Plantations & Forests									
Construction of Boundary Pillars									
Construction of Boundary Pillars									
	Boundry Pillar	Suket	Sadar	Sadar	ND 38	10	60500	0	0
	Boundry Pillar	Sarkaghat	Durgapur	Kaldoo	Kaldoo	20	121000	0	0
	Boundry Pillar	Jhungi	Jhungi	Dharwar	OD 257 Jawaltu	15	90750	0	0
	Boundry Pillar	Jhungi	Pandar	Pandar	OD 184 Dwarloo	10	60500	0	0
	Boundry Pillar	Jhungi	Nihri	Kanon	OD 186 Kanoun	25	151250	0	0
	Boundry Pillar	Jhungi	Trechh	Balag	OD 199 Bunga	12	72600	0	0
	Boundry Pillar	Jaidevi	Jaidevi	Ghiri	Kaulpur Chill	20	121000	0	0
	Boundry Pillar	Jaidevi	Nandgarh	Nandgarh	Nandgarh	20	121000	0	0
					Total	132	798600		
				Total		132	798600		
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
	Rehabilitation of Forest Area	Jhungi	Trechh	Kinder	Jodhnu	10	172150	0	0
					Total	10	172150		
Clearing of Areas Infested upto 50%									
	Rehabilitation of Forest Area	Baldwara	Bhambla	Dhaulkhan	Dhaulkhan	5	138050	0	0
	Rehabilitation of Forest Area	Suket	Baggi	Rajgarh	Godwar	5	138050	0	0
	Rehabilitation of Forest Area	Sarkaghat	Thona	Tikker	Luhakhar	5	138050	0	0
					Total	15	414150		
Clearing of Areas Infested upto 75%									
	Rehabilitation of Forest Area	Kangoo	Dehar	Dehar	Kandar	2	69553	0	0
	Rehabilitation of Forest Area	Sarkaghat	Sarkaghat	Gopalpur	Rattanpur	5	173882.5	0	0
	Rehabilitation of Forest Area	Suket	Sadar	Trambri	Trambri C3b	5	173882.5	0	0
	Rehabilitation of Forest Area	Jhungi	Trechh	Kinder	Narehli	5	173882.5	0	0
					Total	17	591200.5		
Clearing of Areas Infested upto 100%									
	Rehabilitation of Forest Area	Kangoo	Batwara	Batwara	Jartu	10	419430	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Rehabilitation of Forest Area	Suket	Sadar	Trambri	Trambri C3b	5	209715	0	0
	Rehabilitation of Forest Area	Jhungi	Trechh	Kinder	Tarehri	5	209715	0	0
					Total	20	838860		
			Total			62	2016360.5		
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									
	Lantana Eradication	Jhungi	Trechh	Kinder	Jodhnu	10	46310	0	0
					Total	10	46310		
2nd Year Activity-1st Maint. / 50% Infested Areas									
	Lantana Eradication	Suket	Sadar	Sadar	Sundervan	5	33055	0	0
	Lantana Eradication	Sarkaghat	Sarkaghat	Gopalpur	Parnoh	5	33055	0	0
	Lantana Eradication	Baldwara	Baldwara	Bahanu	Nizrishan	5	33055	0	0
					Total	15	99165		
2nd Year Activity-1st Maint. / 75% Infested Areas									
	Lantana Eradication	Kangoo	Behli	Haraboi	Karla	10	76010	0	0
	Lantana Eradication	Baldwara	Goverta	Batrapandhri	Batrapandhri	5	38005	0	0
					Total	15	114015		
2nd Year Activity-1st Maint. / 100% Infested Areas									
	Lantana Eradication	Kangoo	Batwara	Batwara	Patta	10	76010	0	0
					Total	10	76010		
3rd Year Activity-2nd Maint. / 25% Infested Areas									
	Lantana Eradication	Jhungi	Trechh	Kinder	ND 204 Narehli	30	55935	0	0
					Total	30	55935		
3rd Year Activity-2nd Maint. / 50% Infested Areas									
	Lantana Eradication	Baldwara	Bhambla	Dhalwan	NDPF Phet	20	66990	0	0
					Total	20	66990		
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	Lantana Eradication	Baldwara	Leda	Balhera	Pattroun	10	46695	0	0
					Total	10	46695		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
	Lantana Eradication	Jhungi	Trechh	Kinder	Tarehri	5	23347.5	0	0
					Total	5	23347.5		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
4th Year Activity-3rd Maint. / 25% Infested Areas									
4th Year Activity-3rd Maint. / 50% Infested Areas									
	Lantana Eradication	Sarkaghat	Sarkaghat	Bhangoh	Bhangoh	5	16747.5	0	0
	Lantana Eradication	Kangoo	Behli	Behli	Katohar	5	16747.5	0	0
	Lantana Eradication	Jaidevi	Rohanda	Kamand	DPF Bakalag	5	16747.5	0	0
	Lantana Eradication	Baldwara	Baldwara	Bhambla	NDPF Dhaukhan	5	16747.5	0	0
	Lantana Eradication	Baldwara	Leda	Balhera	Pattroun	5	16747.5	0	0
	Lantana Eradication	Baldwara	Goverta	Batrapandhri	Batrapandhri	5	16747.5	0	0
	Lantana Eradication	Jhungi	Trechh	Kinder	Jodhnu	20	66990	0	0
					Total	50	167475		
4th Year Activity-3rd Maint. / 75% Infested Areas									
	Lantana Eradication	Sarkaghat	Sarkaghat	Gopalpur	Barnog	10	46695	0	0
	Lantana Eradication	Kangoo	Behli	Haraboi	Jalah	5	23347.5	0	0
	Lantana Eradication	Kangoo	Dehar	Dehar	Barota	5	23347.5	0	0
	Lantana Eradication	Kangoo	Dehar	Umari	Umari	5	23347.5	0	0
	Lantana Eradication	Suket	Sadar	Jarol	Ropri-III	5	23347.5	0	0
	Lantana Eradication	Suket	Baggi	Rajgarh	Dodanal II	8	37356	0	0
	Lantana Eradication	Suket	Sadar	Trambri	Trambri C-1a	5	23347.5	0	0
	Lantana Eradication	Suket	Sadar	Sadar	Sundervan	5	23347.5	0	0
	Lantana Eradication	Baldwara	Bhambla	Dhalwan	NDPF Baira Sain	5	23347.5	0	0
	Lantana Eradication	Baldwara	Baldwara	Bahanu	Sughera	10	46695	0	0
	Lantana Eradication	Jhungi	Trechh	Kinder	Tarehri	10	46695	0	0
					Total	73	340873.5		
4th Year Activity-3rd Maint. / 100% Infested Areas									
	Lantana Eradication	Kangoo	Behli	badhoo	Neriropru	5	23347.5	0	0
	Lantana Eradication	Kangoo	Behli	badhoo	Chaloun	5	23347.5	0	0
	Lantana Eradication	Kangoo	Batwara	Batwara	Jartu	5	23347.5	0	0
					Total	15	70042.5		
				Total		253	1106858.5		
Pest and Disease Control in Forests									
Pest and Disease Control in Forests									
Pest and Disease Control in Forests									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Pest and Disease control	Baldwara	Leda	Leda	Bairkot	40	1440000	0	0
					Total	40	1440000		
			Total			40	1440000		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	Fire watchers	Sarkaghat	All block	All beats	-	1,080.00	324000		
	Fire watchers	Suket	Sadar & Baggi	All beats	-	600	180000		
	Fire watchers	Baldwara	Bhambla beat	Bhambla beat	Bhambla beat	80	24000		
	Fire watchers	Baldwara	do	Dhalwan	Dhalwan beat	80	24000		
	Fire watchers	Baldwara	do	Dhaukhan	Dhaukhan	80	24000		
	Fire watchers	Baldwara	Baldwara	Bahanu, Trifalghat, Hatli	Bahanu, Trifalghat, Hatli	80	24000		
	Fire watchers	Baldwara	Goverta	Whole block	Whole block	80	24000		
	Fire watchers	Jaidevi	Jaidevi	Jaidevi	Kuthain	80	24000		
	Fire watchers	Jaidevi	Jaidevi	Doldhar	Doldhar	80	24000		
	Fire watchers	Jaidevi	Jaidevi	Ghiri	Kaulpur	80	24000		
	Fire watchers	Jaidevi	Rohanda	Rohanda	Thuadhar	80	24000		
	Fire watchers	Jaidevi	Rohanda	Chowki	Paralla	80	24000		
	Fire watchers	Jaidevi	Rohanda	Kamand	Bakalag, Kareru	90	27000		
	Fire watchers	Jaidevi	Rohanda	Khabri	Khabri	90	27000		
	Fire watchers	Jaidevi	Nandgarh	Nandgarh	Badhu	90	27000		
	Fire watchers	Jaidevi	Nandgarh	Hatgarh	Hatgarh, Madhogan	90	27000		
	Fire watchers	Jaidevi	Nandgarh	Kutachi	Rajot, Dhamech	90	27000		
	Fire watchers	Jaidevi	Rohanda	Chamiyar	Chamiyar	90	27000		
	Maintenance of Fire Line	Sarkaghat	Sarkaghat	Chandrakri	Chandrakri	2	10000		
	Maintenance of Fire Line	Sarkaghat	Sarkaghat	Bhangoh	Chandesh to Dugha	3	15000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maintenance of Fire Line	Sarkaghat	Durgapur	Kaldoo	Kaldoo to kunt bhiyo	5	25000		
	Maintenance of Fire Line	Sarkaghat	Durgapur	Kaldoo	Kaldoo CI-C5	4	20000		
	Maintenance of Fire Line	Sarkaghat	Thona	Tikker	Koop Galu to Bahlidhar	2	10000		
	Maintenance of Fire Line	Sarkaghat	Thona	Jamdwar	Chori to Kalas	2.25	11250		
	Maintenance of Fire Line	Jhungi	Trechh	Kinder	Dhamkon to kinder	5.5	16500		
	Maintenance of Fire Line	Jhungi	Pandar	Galukhar	Galukhar	3	9000		
	Maintenance of Fire Line	Jhungi	Jhungi	Jhungi	Barnog- Saaya	3	9000		
	Maintenance of Fire Line	Jhungi	Jhungi	Chanadbahan	Jogi kuffer - Rounce	4	12000		
	Maintenance of Fire Line	Jhungi	Pandar	Jaral	Pandar- Daint	8	24000		
	Maintenance of Fire Line	Jhungi	Trechh	Kinder	Narehli-Chachog	2	6000		
	Maintenance of Fire Line	Jhungi	Nihri	Marahara	Makrahar	1	3000		
	Maintenance of Fire Line	Jhungi	Trechh	Kinder	Ropru- Dhamkon	2	6000		
	Control burning	Suket	Sadar & Baggi	All beats	-	30	30000		
	Cleaning of Chil Pine Needle	Sarkaghat	Sarkaghat	Gopalpur	Tapon	30	30000		
	Cleaning of Chil Pine Needle	Sarkaghat	Sarkaghat	Maseran	Sarohli I & II	34	34000		
	Cleaning of Chil Pine Needle	Sarkaghat	Sarkaghat	Chandrakri	Chandrakri	30	30000		
	Cleaning of Chil Pine Needle	Sarkaghat	Sarkaghat	Bhangoh	Bhanoh	30	30000		
	Cleaning of Chil Pine Needle	Sarkaghat	Sarkaghat	Thona	Kholtu	20	20000		
	Cleaning of Chil Pine Needle	Sarkaghat	Thona	Tikker	Tikker	30	30000		
	Cleaning of Chil Pine Needle	Sarkaghat	Durgapur	Bhaderwar	Thathal	30	30000		
	Cleaning of Chil Pine Needle	Sarkaghat	Sarkaghat	Kaldoo	Kaldoo	30	30000		
	Cleaning of Chil Pine Needle	Baldwara	Baldwara	Bahanu	Niziri Shan	40	40080		
	Cleaning of Chil Pine Needle	Baldwara	Baldwara	Bahanu	Suhagra	50	50100		
	Cleaning of Chil Pine Needle	Baldwara	Bhambla	Bahanu	ND Dhaboi	10	10020		
	Cleaning of Chil Pine Needle	Baldwara	Bhambla	Trifalghat	UPF Bhatara	30	30060		
	Cleaning of Chil Pine Needle	Baldwara	Bhambla	Trifalghat	UF Badown	15	15030		
	Cleaning of Chil Pine Needle	Baldwara	Bhambla	Hatli	Panwari ND	15	15030		
	Cleaning of Chil Pine Needle	Baldwara	Bhambla	Hatli	Bhater	5	5010		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Cleaning of Chil Pine Needle	Baldwara	Bhambla	Dhaulkhan	OD Dhaulkhan	46	46092		
	Cleaning of Chil Pine Needle	Baldwara	Bhambla	Dhaulkhan	ND Tamled	12	12024		
	Cleaning of Chil Pine Needle	Baldwara	Bhambla	Dhaulkhan	ND Dhaulkhan	14	14028		
	Cleaning of Chil Pine Needle	Baldwara	Bhambla	Dhaulkhan	ND Chil Chaugan	10	10020		
	Cleaning of Chil Pine Needle	Baldwara	Bhambla	Dhaulkhan	ND Tamled (P)	10	10020		
	Cleaning of Chil Pine Needle	Baldwara	Bhambla	Dhalwan	Bairasain	45	45090		
	Cleaning of Chil Pine Needle	Baldwara	Bhambla	Dhalwan	Phet	30	30060		
	Cleaning of Chil Pine Needle	Baldwara	Bhambla	Bhambla	ND Gharswan	5	5010		
	Cleaning of Chil Pine Needle	Baldwara	Bhambla	Bhambla	ND Jaboth	35	35070		
	Cleaning of Chil Pine Needle	Baldwara	Bhambla	Bhambla	ND Bhambla I	2	2004		
					Total	2625.75	1721498		
				Total		2625.75	1721498		
Soil and Moisture Conservation Works									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
	C/o roof rain water harvesting structure	Sarkaghat	Sarkaghat	Gopalpur	FRH Gopalpur	1	250000	31°40'23.67	076°45'46.03
	C/o roof rain water harvesting structure	Jhungi	Trechh	Bandli	FRH Bandli	1	200000	N-31°19'15.39	E-77°2'26.75
					Total	2	450000		
				Total		2	450000		
Development and Maintenance of Natural Springs in Forest Areas									
Development and Maintenance of Natural Springs in Forest Areas									
	Rejuvination of Natural springs in forest area	Sarkaghat	Durgapur	Kaldoo	Kaldoo	1	100000	31°25'36.30	076°56'51.01
	Maintenance of natural spring	Jhungi	Pandar	Kathiuni	Water Spring in Matahar	1	200000	N-31°26'33.44	E-77°4'24.47
	Maintenance of natural spring	Jai Devi	JaiDevi	Jai Devi	Kuthain	1	50000	31.51446	76.930527
					Total	3	350000		
				Total		3	350000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	Construction of check dam	Baldwara	Leda	Leda	Sidhkot Nala	10	200000	-	-
	Construction of check dam	Baldwara	Goverta	AMBLAG A	REPAID NALA	4	100000	N31*35'31"	E076*47'57"
	Construction of check dam	Baldwara	Bhambla	Bhambla	Ratoli nala	5	100000	N31*36'06"	E076*78.20.4"
	Construction of check Wall	Baldwara	Baldwara	Trifalghat	UPF Nawani	6	150000	N31*30'04"	E076*.48'07"
	Construction of check dam	Baldwara	Baldwara	Hatli	Joka Ra Nala	4	100000	N31*31'58"	E076*47'43"
	Construction of check Wall	Baldwara	Baldwara	Trifalghat	nawani nala	4	100000	N31*30.05'.63"	E076*46'02"
	Construction of WHS	baldwara	bhambla	dhualkhan	kated nala	1	150000	N31*35.10'.63"	E076*47,45'66"
	Construction of check dam	Sarkaghat	Sarkaghat	Bhangoh	Chek Dam/chek wall in Bhangoh, Gandu Nala	0	200000	31 36 59.60	076 19 21.09
	Construction of check dam	Sarkaghat	Durgapur	Kaldoo	Chek Dam in Kaldoo, Chamba nala	0	200000	31 36 19.60	076 48 24.61
	Construction of check dam	Sarkaghat	Sarkaghat	Dev Bradta	Chek Dam in Deo Bradta Nala	0	100000	31 36 37.20	076 45 57.33
	Construction of check dam	Sarkaghat	Thona	Jamdwar	Chek Dam in Jamdwar Nala	0	100000	31 40 09.02	076 49 06.24
	Construction of check dam	Sarkaghat	Durgapur	Bhaderwar	Chek Dam in Thathal Nala	0	100000	31 20 20.11	076 29 36.11
	Construction of check dam	Suket	Sadar	Jarol	C/o Check Dams in Kutli Nalla	4	180000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Construction of check dam	Suket	Sadar	Nalni	C/o Check Dams in Bholu Nalla	5	150000	31° 28'54.34" N	76° 52'09.6 9"E
	Construction of check dam	Suket	Sadar	Jadroun	C/O Check dam in Sihli khad	4	60000	31° 29'09.03" N	76° 52'01.0 5"E
	Construction of check dam	Suket	Baggi	Rajgarh	C/O Check dam in Dodanal	3	45000	31° 35'57.46" N	76° 59'15.5 6"E
	Construction of check dam	Suket	Baggi	Baggi	C/O Check dams in Charkha Nallardu Nalla	5	45000	31° 33'11.43" N	76° 59'21.8 7"E
	Construction of check dam	Suket	Baggi	Baggi	C/O Check dams in Masyani Nalla	2	90000	31° 33'29.12" N	76° 58'13.2 5"E
	Construction of check dam	Suket	Baggi	Baggi	C/O Check dams in Kutla Nalla	5	75000	-	-
	Construction of check dam	Jhungi	Jhungi	Chanadbahan	Chek Dam in jogi kuffer nala	5	150000	N- 31°24'29. 24"	E- 77°4'4 2.95"
	Construction of check dam	Jhungi	Jhungi	Dharwar	Chek Dam in Richani Nala	5	150000	N- 31°26'18. 86"	E- 77°5'4 3.18"
	Construction of check dam	Jhungi	Pandar	Galukhar	Chek Dam in Galukhar Nala	5	150000	N- 31°25'36. 88"	E- 77°4'2 5.42"
	Construction of check dam	Jhungi	Pandar	Pandar	Chek Dam in Dadba Nala	5	150000	N- 31°26'35. 19"	E- 77°4'2 4.38"
	Construction of check dam	Jhungi	Pandar	Kathuini	Chek Dam in Tharu Nala	5	150000	N- 31°26'33. 51"	E- 77°4'2 4.48"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Construction of check dam	Jhungi	Trechh	Kinder	Chek Dam in Dharthi Nala	5	150000	N-31°18'44.96"	E-77°2'29.46"
	Construction of check dam	Jhungi	Trechh	Bandli	Chek Dam in Banas Nala	5	150000	N-31°20'27.27"	E-77°2'14.14"
	Construction of check dam	Jhungi	Nihri	Reagi	Chek Dam in Bajaran Nala	5	150000	N-31°24'21.85"	E-77°2'56.15"
	Construction of check dam in Chalaun Nala	Jai Devi	Jai Devi	Ghiri	Chalaun Nala	6	150000	31.4855194	76.983622
	Construction of Dry stone check Dam in Khuydi Nala	Jai Devi	Jai Devi	Jai Devi	Khudinala	4	100000	31.4866361	76.97061944
	Construction of Dry Stone Check Dam Jatta-ka-Nalla	Jai Devi	Jai Devi	Jai Devi	Jatta-Ka-nalla	4	100000	31.5161833	76.93216666
	Construction of Dry stone check Dam Mandhu-Nalla	Jai Devi	Jai Devi	Jai Devi	Mahun Nalla	4	100000	31.474375	76.96198334
	Construction of Check dam in Salwah Nala	Jai Devi	Nandgarh	Nandgarh	Salwah Nala	4	100000	-	-
	Construction of Check dam in Kutachi Nala	Jai Devi	Nandgarh	Kutachi	Kutachi Nala	4	100000	-	-
	Construction of Check dam in Sakohar Nala	Jai Devi	JaiDevi	Ghiri	Sakohar Nala	4	100000	-	-
	Construction of Check dam in Sangli Nala	Jai Devi	JaiDevi	Ghiri	Sangli Nala	4	100000	-	-
	checkdams/ Checkwall in upper Salwana-II nala near Govt. school	kangoo	dehar	jyor	-	0	200000	-	-
	retaining wall pucca in jajru nala	kangoo	dehar	dehar	-	0	200000	-	-
	checkdams in Manjkheter nala	kangoo	DEHAR	UMRI	-	0	200000	-	-
	Protection in Khili nala	kangoo	DEHAR	UMRI	-	0	200000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Checkdams in jhandor nala	kangoo	DEHAR	UMRI	-	0	200000	-	-
	checkdams in Bagri nala	kangoo	behli	haraboi	-	0	200000	-	-
	checkdams in Fafna nala	kangoo	behli	Badhu	-	0	200000	-	-
	checkdams in Karla nala	kangoo	behli	haraboi	-	0	200000	-	-
	c/o of checkdams in siun nala	kangoo	Dehar	dehar	-	0	250000	-	-
					Total	136	6145000		
			Total			136	6145000		
Energy Saving Measures									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
	C/o cremitoria	Sarkaghat	Bhambla	Bhambla	Tando Lohad Ratoli	1	250000	0	0
	C/o cremitoria	Jhungi	Jhungi	Jhungi	Narsing nalla	1	350000	0	0
	C/o Crematorium at Karangal	Kangoo	Behli	Behli	-	1	350000	-	-
					Total	3	950000		
			Total			3	950000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	Nursery plot, R wall	Sarkaghat	Sarkaghat	Sarkaghat	Sarkaghat	1	200000	31 42 09.03	076 44 11.04
					Total	1	200000		
			Total			1	200000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	C/o BO Residence	Sarkaghat	Sarkaghat	Sarkaghat	Sarkaghat	1	1500000	0	0
	C/o Fgd Hut	Suket	Sadar	Sadar	Sadar	1	1500000	0	0
	C/o Fgd Hut	Jhungi	Pandar	Pandar	Pandar	1	2000000	31 26 35.19	77 4 23.38
	C/o Fgd Hut	Jhungi	Jhungi	Jhungi	Jhungi	1	1300000	31 24 56.45	77 5 53.93



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	4	6300000		
			Total			4	6300000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Maint. of road/ dev. of compound	Sarkaghat	Sarkaghat	Gopalpur	FRH Gopalpur	1	300000	31 41 17.00	076 51 52.74
	Maint. of road/ dev. of compound	Sarkaghat	Sarkaghat	Sarkaghat	Range office Sarkaghat	1	300000	31 40 29.00	076 49 01.30
	Maint. of road	Baldwara	b	Trifalghat	Bhatera to murari devi	1	500000	0	0
	R/o forest Path form Kuinala to Shounjaru	Kangoo	Behli	Behli	-	1	100000	-	-
	R/o of Forest path form Shounj to karangal	Kangoo	Behli	Behli	-	1	200000	-	-
					Total	5	1400000		
						5	1400000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	Preparation of salogan board indigate to range boundary, fire awarness	All Range	All Block	All Beat	0	1	500000	0	0
					Total	1	500000		
						1	500000		
					Grand Total		23378317		
Name of Division - Karsog									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting in Lantana Cleared Areas									
Planting - 500 Tall plants									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	New Planation	Seri	Seri	Chouridhar	D-229 Jachh	3	184800	N 31.37194 7	E 77.290 086
	New Plantation	Seri	Seri	Nanj	D-223Tundal	3	184800	N 31.32745 8	E 77.332 516
					Total	6	369600		
Planting - 200 Tall plants									
Planting - 1100 Normal plants									
	New Plantation	Seri	Seri	Nihari Nal	D-213 Nihari Nal	5	286550	N 31.31650 3	E 77.296 453
	New Plantation	Seri	Gawalpur	Gawalpur	D-252 Naganal	5	286550	N 31.32915 0	E 77.321 251
	New Plantation	Seri	Gawalpur	Gawalpur	D-253 Jakhol	5	286550	N 31.38441 2	E 77.361 505
	New Plantation	Seri	Seri	Nanj	D-220 Paro	5	286550	N 31.32915 0	E 77.321 251
	New Plantation	Seri	Seri	Nanj	D-224 Mamli	8	458480	N 31.35451 2	E 77.328 025
	New Plantation	Seri	Seri	Dhamoon	D-219 Ganu	5	286550	N 31.32915 0	E 77.321 251
					Total	33	1891230		
Planting - 800 Normal plants									
					Total	39	2260830		
Replenishment & Enhancement of Forest Cover (REFC)									
Planting with 1100 Normal Plants									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	New Plantation	Magroo	Magroo	Lassi	D-277 Ruchhad	5	286550	N31 ⁰ 29'52.7	E077 ⁰ 15'55.6
	New Plantation	Magroo	Mahog	Mahog	D-225 Sagach	3	150000	N31 ⁰ 26'05.1"	E077 ⁰ 20'35.9 "
					Total	8	436550		
Planting with 800 Normal Plants									
	New Plantation	Magroo	Magroo	Lassi	D-278 Nadoun	5	225000	--	--
					Total	5	225000		
				Total		13	661550		
Maintenance of Planting in Lantana Cleared Areas									
Maintenance of Plantation with 500 Tall Plants model									
1st Maintenance - 500 Tall Plants model									
2nd Maintenance - 500 Tall Plants model									
	Maint. of Plantation	Seri	Seri	Nanj	D-222 Pog	10	26620	--	--
	Maint. of Plantation	Seri	Gawalpur	Gawalpur	D-252 Naga Nal	5	13310	--	--
					Total	15	39930		
3rd Maintenance - 500 Tall Plants model									
	Maint. of Plantation	Karsog	Mamail	Kashoul	D-245 Firnu	5	6160	--	--
					Total	5	6160		
Maintenance of Plantation with 200 Tall Plants model									
Maintenance of Plantation with 1100 Normal Plants model									
1st Maintenance - 1100 Normal Plants model									
	Maint. of Plantation	Seri	Seri	Nihari Nal	D-214 Jhunghan	5	37675	--	--
					Total	5	37675		
2nd Maintenance - 1100 Normal Plants model									
	Maint. of Plantation	Seri	Seri	Nihari Nal	D-214 Jhunghan	5	25300	--	--
	2nd Maintenance - 1100 Normal Plants model	Seri	Seri	Nanj	D-222 Pog	5	25300	--	--
					Total	10	50600		
3rd Maintenance - 1100 Normal Plants model									
	Maint. of Plantation	Seri	Seri	Nihari Nal	D-214 Jhunghan	5	19250	--	--
					Total	5	19250		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
			Total			40	153615		
Nursery Raising									
Nursery Raising									
Nursery Raising									
	(i) 1st Year Activity - Raising of Plants during 2022-23 under New Nursery Protocol	--	--	--	Karsog Forest Division	L/s	629030	--	--
			Total		Total	0	629030		
			Total			0	629030		
Protection of Plantations & Forests									
Construction of Boundary Pillars									
Construction of Boundary Pillars									
	Boundary Pillars	Pangna	Chindi	Chindi	D-42 Charkufri	5	27500	--	--
	c/o B/ pillars	Pangna	Chindi	Chindi	D-42 Charkufari	5No.	27500	0	0
	C/O B/ pillars	Pangna	Chindi	Karadal	D-55 Janol	5 Nos.	27500	0	0
	C/O B/Pillars	Pangna	Chindi	Karadal	D-48 Mashog	3 No.	16500	0	0
	c/o B/ Pillars	Pangna	Chindi	Shorshan	D-60 Himri	10 No.	55000	0	0
	C/O B/ pILLARS	Pangna	Chindi	Baler	D-67 Thuadhar	4 nO.	22000	0	0
	c/o B/ Pillars	Pangna	Chindi	Baler	D-62 Kuns	6No.	33000	0	0
	c/o B/ Pillars	Pangna	Chindi	Baler	D-63 Panyadu	5nO.	27500	0	0
	c/o B/Pillars	Pangna	Chindi	Kanda	D-71 Shil Badyar	10 No.	55000	0	0
	c/o B/Pillars	Pangna	Pangna	Pangna	D-29 Begli	10 No.	55000	0	0
	c/o B/ Pillars	Pangna	Pangna	Gushal	D-39 Shill	9 No.	49500	0	0
	C/o B/ Pillars	Pangna	Pangna	Surahi	D-8 Pajyanoo	8 ha.	44000	0	0
	c/o B/ Pillars	Pangna	Pangna	Surahi	D-6 Pajyanoo	9 No.	49500	0	0
	c/o B/ Pillars	Magroo	Magroo	Choura	D-282 Choura	15	82500	N31*27'5 9.2	E077* 18'19.3
	C/O B/ Pillars	Magroo	Magroo	Lassi	D-275 Katnalu	15	82500	N31*28'2 9.4	E077* 15'03.1
	c/o B/ Pillars	Magroo	Mahog	Shagagi	D-267 Shakoradhar	15	82500	N31*27'4 8.2	E077* 16'46.6



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	C/O B/ Pillars	Magroo	Mahog	Mahog	D-258 Bagund	15	82500	N31*20'4 9.3	E077* 20'49.3
					Total	149	819500		
				Total		149	819500		
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
	Clearing of Lantana	Pangna	Tattapani	Alsindi	D-89, Mahuta	3	51645	N31*16'1 1.30	E077'0 4'45.11 "
					Total	3	51645		
Clearing of Areas Infested upto 50%									
	Clearing of Lantana	Karsog	Bagshad	Mahunag	D-138, Bag Bakhari	5	138050	N31*19'2 7.51"	E077'1 4'02.31 "
					Total	5	138050		
Clearing of Areas Infested upto 75%									
	Clearing of Lantana	Karsog	Mamail	Mehndi	D201 Aglidhar	5	173882.5	N31*19'5 0"	E0771 5'52"
					Total	5	173882.5		
Clearing of Areas Infested upto 100%									
				Total		13	363577.5		
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									
2nd Year Activity-1st Maint. / 50% Infested Areas									
	Clearing of Lantana	Pangna	Tattapani	Alsindi	D-76 Kot Kapdyas	10	66110	N31*16'4 37"	E077'0 4'45.7"
	Clearing of Lantana	Karsog	Bagshad	Mahunag	D-137, Nagaltha	10	66110	N31*18'4 5.82"	E077'1 4'47.28 "
					Total	20	132220		
2nd Year Activity-1st Maint. / 75% Infested Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Clearing of Lantana	Pangna	Chindi	Kanda	D-73 Gharlol	10	76010	N31*20'0 0.377	E077* 03.'51. 005
Total						10	76010		
2nd Year Activity-1st Maint. / 100% Infested Areas									
3rd Year Activity-2nd Maint. / 25% Infested Areas									
	clearing of lantana	Seri	Seri	Nanj	D-222 POG	20	344300	0	0
Total						20	344300		
3rd Year Activity-2nd Maint. / 50% Infested Areas									
	Clearing of lantana	Pangna	Tattapani	Tattapani	D-97 Seri Serv	5	138050	N31*15'5 5.2	E077* 06'24.1
	clearing of lantana	Pangna	Tattapani	Tattapani	D-98 Kidya	10	276100	N31*14'5 5.9	E077* 06'24.1
Total						15	414150		
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	clearing of lantana	Pangna	Tattapani	Tattapani	D-101 Nandoo	10	76010	0	0
Total						10	76010		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
4th Year Activity-3rd Maint. / 25% Infested Areas									
	clearing of lantana	Pangna	Chindi	Kanda	D-73 Gharlol	20	37290	N31*20'5 0.02	E077* 03'23.8 9
Total						20	37290		
4th Year Activity-3rd Maint. / 50% Infested Areas									
	clearing of lantana	Seri	Gowalpur	GOWALP UR	D-252 Nagnanal	10	33495	N31*23'3 6.45	E077* 22'11.0 3
	clearing of lantana	Seri	Gowalpur	Teban	D-241 Kandlu	10	33495	N31*22'4 9.74	E077* 20'5.98
	clearing of lantana	Seri	Gowalpur	Sarahan	D-248 Faneouta	5	16747.5	N31*23'2 .05	E077* 22'20.5 4



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Clearing of lantana	Seri	Gowalpur	Sarahan	D-249 Makra	5	16747.5	N31*23'0 .25	E077* 22'15.0 5
	Clearing of lantana	Seri	Seri	Niharinal	D-214 Jhunghan	10	33495	N31*16'1 1.03	E077* 18'21.0 4
	clearing of lantana	KARSOG	Mamail	Kashoul	D-199 Dhanyara	5	16747.5	N31*19'2 0.60	E077* 14'29.7 0
	clearing of lantana	Karsog	Bagshar	Parlog	D-128 Kashout	5	16747.5	N31*25'3 0.01	E077* 13'58.0 8
	clearing of lantana	Karsog	Bagshar	Parlog	D-135 Fafan	5	16747.5	N31*15'5 6.09	E077* 15'44.0 8
	Clearing of lantana	Pangna	Tattapani	Alsindi	D-76 Kapdyas	10	33495	N31*16'5 5.64"	E077* 04'08.6 7
	clearing of lantana	Pangna	Tattapani	Balendi	D-74 Purvain	5	16747.5	N31*19'1 3.02"	E077* 03'39.8 0
	Clearing of lantana	Pangna	Tattapani	Tattapani	D-98 Kidya	5	16747.5	N31*15'1 7.05"	E077* 05'55.7 6
	clearing of lantana	Pangna	Tattapani	Telehan	D-106 Bhoura	5	16747.5	N31*17'5 45.10	E077* 08'06.3 1
	clearing of lantana	Pangna	Chindi	Kanda	D-72 Rehthadhar C-III	5	16747.5	N31*19'3 8.22"	E077* 03'57.0 2"
	Clearing of lantana	Pangna	Chindi	Kanda	D-73 Gharlol	10	33495	N31*20'0 1.15"	E077* 03'43.2 1



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						95	318202.5		
4th Year Activity-3rd Maint. / 75% Infested Areas									
	Clearing of Lantana	Pangna	Tattapani	Alsindi	D-76 Kot Kapdyas	5	23347.5	N31*16'5 1.20"	E077'0 4'49.05 "
	Clearing of Lantana	Karsog	Mamail	Mehndi	D-201, Aglidhar	5	23347.5	N31*19'5 2.51"	E077'1 5'20.21 "
	Clearing of Lantana	Karsog	Mamail	Kashoul	D-199 Dhanyara	5	23347.5	N31*19'5 6.77"	E077'1 4'47.79 "
	Clearing of lantana	Pangna	Chindi	Kanda	D-73 Gharlol	5	23347.5	N31*19'9 7"	E077* 03'67.2 1"
Total						20	93390		
4th Year Activity-3rd Maint. / 100% Infested Areas									
Total						210	1491572.5		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
	C/O NEW FIRE LINE	Magroo	Magroo	Choura	Panahar to Karshai	6KM	150000	N31*27'3 7.4	E077* 19.01. 7
	c/o new fire line	Magroo	Magroo	Choura	Shingal to Bethwa	4KM	75000	N31*27'2 3.3	E077* 19'12.5
	cleaning of pine needles	KARSOG	Mamail	Mehandi	D-202 Parala Dhartu	20KM	30000	N31*19'4 7	E077* 15'59
	cleaning of fire line	KARSOG	Mamail	Bhanrea	D-193 Katach	10KM	15000	N31*22'0 1	E077* 13'45
	Cleaning of pine needles	Karsog	Mamail	Mamail	D-181 Shanahardhar	15KM	22500	N31*20'3 2	E077* 15'12
	cleaning of pine needles	KARSOG	Mamail	Kashoul	D-200 Bah-Parala	10km	15000	N31*20'3 2	E077* 15 '12



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	cleaning of pine needles	KARSOG	Mamail	Ghalyach	D-176 Ghalyach	20km	30000	N31*25'50	E077*14'36
	cleaning of pine needles	KARSOG	Karsog	Kakahan	D-176 Chakranth	15KM	22500	N31*22'54	E077*11'00
	cleaning of pine needles	Karsog	Karsog	Sanarli	D-167 Bajhu	10KM	30000	N31*24'08	E077*11'03
	cleaning of pine needles	KARSOG	Karsog	Sanarli	D-170 Tikkar Karsog	10KM	15000	N31*24'57	E077*11'59
	cleaning of pine needles	KARSOG	Karsog	Dopoha	D-172 Dopoha	20km	30000	N31*24'59	E077*13'25
	cleaning of pine needles	Karsog	Bagshar	Dharmour	D-119 Mehran	10KM	15000	N31*.321	E077.158
	cleaning of pine needles	KARSOG	Bagshar	Bagshar	D-118 Kot	10km	15000	N31.330	E077.161
	cleaning of pine needles	KARSOG	Bagshar	Bagshar	D-111 Bagshar	10KM	15000	N31.298	E077.159
	cleaning of pine needles	Magroo	Magroo	Seri Mangarh	D-291 Planidhar	15	22500	N31*28'36.0	E077*18'52.6
					Total	185	502500		
						185	502500		
Soil and Moisture Conservation Works									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	WHS	Seri	Seri	Nanj	D-22 Pog	1	2500000	31 19 18	77 19 38
	WHS	Seri	Seri	Nanj	D-220 Paro	1	2500000	31 19 07	77 19 41
					Total	2	5000000		
						2	5000000		
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	C/o Check Dam	Pangna	Tattapni	Alsindi	D-76 Kapdyas	5	200000	N31*17'1 0.26"	E077'0 4'29.55 "
	C/o Check Dam	Pangna	Tattapani	Talehan	D-102 Talehan	5	150000	N31*16'1 2.60"	E077'1 0'02.60 "
	C/o Check Dam	Pangna	Tattapani	Talehan	D 103 Talehan Talehan Nalla	5	150000	N31*27'3 9.83"	E077'1 4'82.40 "
	C/o Trenches.	Pangna	Tattapani	Alsindi	D-87 Saran	1000	75000	N31*16'3 1.60"	E077'0 6'20.90 "
	C/o	Karsog	Karsog	Dopha	D-171 Dopha (Bukrar)	1	150000	-	-
	C/o Check/Wall	Karsog	Bagshad	Dharmour	D-116, Dhwash (Dhwash Nalla)	1	200000	N31*19'2 4.99"	E077'0 8'56.77 "
	C/o Check Dam	Karsog	Bagshad	Dharmour	D-116 Dhwash (Dhwash Nalla)	5	150000	N31*19'2 4.99"	E077'0 8'56.77 "
	C/o Check Dam	Karsog	Bagshad	Dharmour	D-116 Dhwash (Thamthach Nalla)	5	150000	N31*19. 34.39"	E077'0 9'01.23 "
	C/o Check Dam	Karsog	Bagshad	Sapnot	Blaso Nalla	5	150000	N31*19'1 5"	E077'1 1'49"
	C/o Check Dam	Karsog	Bagshad	Parlog	Hiroo Nalla	5	150000	N31*16'4 0.92"	E077'1 4'19.72 "
	C/o Check Dam	Karsog	Bagshad	Dharmour	Mehran Nalla	5	100000	N31*3'21 "	E077'1 5'8"
	C/o Check Dam	Karsog	Karsog	Dopha	Bai Nalla	4	60000	N31*25'1 5"	E077'1 3'27"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	C/o Check Dam	Karsog	Karsog	Dopha	Nehra Nalla	4	60000	N31*24'47"	E07713'09"
	C/o Check Dam	Karsog	Karsog	Shankar Dehra	Safri Naal	5	100000	N31*27'07"	E07712'21"
	C/o Check Dam	Karsog	Karsog	Khanukhali	Dharwar Nalla	10	150000	N31*26'38"	E07711'05"
	C/o Check Dam	Karsog	Karsog	Khanukhali	Chhuhadu Nalla	5	75000	N31*27'12"	E07711'32"
	C/o R/Wall	Karsog	Karsog	Khanukhali	Goverdwar Nalla , Near House	1	100000	N31*25'44.55"	E07711'42.43"
	C/o Check Dam	Karsog	Karsog	Sanarli	Saryogi Nalla	4	80000	N31*24'32"	E07711'37"
	C/o Check Dam	Karsog	Karsog	Kamand	Shurti Nalla	5	100000	N31*20'11"	E07710'58"
	C/o Check Dam	Karsog	Mamail	Bhanera	Kotlu Nalla	5	150000	N31*22'05"	E07715'46"
	C/o Check Dam	Karsog	Mamail	Mamail	D-182 Shill (Udman Nalla)	3	30000	N31*23'05"	E07714'14"
	C/o Check Dam	Karsog	Mamail	Ghalaich	Jud Nalla	5	100000	N31*23'31"	E07715'31"
	C/o Check Dam	Karsog	Mamail	Kahould	Bhanaich Nalla	5	150000	N31*20'39"	E07716'03"
	C/o Check Dam	Karsog	Mamail	Mamail	Neend Nalla	5	75000	N31*22'09"	E07714'19"
	C/o Check Dam	Karsog	Karsog	Kakahan	D-162 Kanjol (jaban Nalla)	3	180000	N31*21'18.84"	E07711'77.51"
	C/o Check Dam	Seri	Seri	Dhamoon	D-225, Dhamoon (Kairu Nalla)	5	150000	N31.352395	E077.311976
	C/o Check Dam	Seri	Seri	Nanj	D-222 Pog (Galu Nalla)	5	150000	N31.335665	E077.317182
	C/o Check Dam	Seri	Seri	Khadra	D-227 Charog (Charog Nalla)	5	150000	N31.360998	E077.377832



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	C/o Check Dam	Seri	Richhani	Pathrevi	D-237 Katanda	5	150000	N31.384 412	E077.3 61505
	C/o Check Dam	Seri	Gwalpur	Gwalpur	D-253 Jakhol (Chakhna Nalla)	3	90000	N31.402 215	E077.3 73112
					Total	1129	3725000		
					Total	1129	3725000		
Information Technology and Communication									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
	Printer	-	-	-	Divisional Officer	4	100000	-	-
					Total	4	100000		
					Total	4	100000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	C/o Check Post	Magroo	Magroo	Choura	Ranabag	1	100000	N31*28'1 1.5"	E077'1 8'19.29 "
	C/o Check Post	Magroo	Mahog	Katanda	Katanda	1	100000	N31*25'1 4.4"	E077'1 7'38.2"
	Maint. of Path	Pangna	Kutachi	Shalog	Deem to Dehra Khad	2 Km	150000	-	-
	Maint. of Path	Karsog	Bagshad	Dharmour	D-118 Kot (Shoja to Prasad via Shorshao)	2.5 Km	150000	N31*18'4 6.33"	E077'1 0'51.72 "
	Maint. of Path	Karsog	Bagshad	Sapnot	Sapnot to Hira- Mautha Temple, Balro Nalla	1.5 Km	200000	N31*19. 36.00"	E077'1 1'03.64 "
	Maint. of Path	Karsog	Bagshad	Mahunag	UPF Chalouni (Kali Matti to Chalouni)	3 Km	300000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maint. of Path	Karsog	Karsog	Kakahan	Jaban Gilli to Kui	1.5 Km	100000	N31*22'8.09"	E077'11'13.78"
	Repair of Path	Seri	Richhani	Richhani	Jathoh to Richhani School	2 Km	300000	-	-
	Maint. of Path	Seri	Seri	Dhamoon	Ropa to Chur	2 Km	150000	N31*20'51"	E077'18'03"
	Repair of Path	Seri	Seri	Khadra	Prala Nalla to Shamshanghat	1 Km	100000	N31*21'25"	E077'18'27"
	Repair of Path	Seri	Seri	Khadra	Kohlu to Jamnaad	0.5 Km	50000	N31*21'0.1"	E077'17'18.15"
	Repair of Path	Seri	Gwalpur	Gwalpur	Ashla to Ropra	1 Km	100000	N31*37'51.55"	E077'6'32.399"
	Repair of Path	Magroo	Magroo	Seri Mangarh	Dhachgad to Shural	2 Km	200000	-	-
	Repair of Path	Magroo	Magroo	Seri Mangarh	Shamoli to Shural	1.5	200000	-	-
	Repair of Path Podh to Tikkari Dhar Mata Temple	Seri	Seri	Nihari Nal	D-213 Nihari Nall	0	200000	N31*17'59	E077*17'17
	Repair of Path Khenoyal to Kerta	Seri	Seri	Nihari Nal	D-213 Nihari Nall	0.800 Km	200000	N31*18'33"	E077*17'52"
	Repair of Path Khenoyal to Sanjali via Gati	Seri	Seri	Nihari Nal	D-213 Nihari Nall	0	200000	N31*18'59	E077*17'39
					Total	23.3	2800000		
				Total		23.3	2800000		
				Grand Total			18507175		
Name of Division - Jogindernagar									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting in Lantana Cleared Areas									
Planting - 500 Tall plants									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Planting - 200 Tall plants									
	New Plantation with Wooden Fence Posts	Kamlah	Sandhol	Tandu	Tandu-1st	5	194040	N 31 52.161	E 076 41.297
	New Plantation with Wooden Fence Posts	Kamlah	Kamlah	Sherpur	Jander	5	194040	N 31 47.938	E 076 41.098
	New Plantation with Wooden Fence Posts	Dharampur	Dharampur	Dharampu	DPF Chej Khoble	3	116424	N 31 47 33.77	E076 45 12.97
	New Plantation with Wooden Fence Posts	J/Nagar	Chauntra	Ghatta	DPF Ghatta	2	77616	N 31°58'54. 73"	E 76°44' 39.19"
Total						15	582120		
Planting - 1100 Normal plants									
Planting - 800 Normal plants									
Total						15	582120		
Replenishment & Enhancement of Forest Cover (REFC)									
Maintenance of Planting in Lantana Cleared Areas									
Maintenance of Plantation with 500 Tall Plants model									
1st Maintenance - 500 Tall Plants model									
	Maint. of old plantation	Dharampur	Mandap	Mandap	Hiun	3	14487	0	0
Total						3	14487		
2nd Maintenance - 500 Tall Plants model									
3rd Maintenance - 500 Tall Plants model									
Maintenance of Plantation with 200 Tall Plants model									
1st Maintenance - 200 Tall Plants model									
	Maint. of old Plantation	Lad Bharol	Daled	Daled	Chail Chatra	3	6534	0	0
	Maint. of old Plantation	Lad Bharol	Pandol	Golwan	DPF Karsal	2	4356	0	0
	Maint. of old Plantation	Kamlah	Sandhol	Tandu	Tandu-1st	5	10890	0	0
	Maint. of old Plantation	Kamlah	Kamlah	Sherpur	Jandar	5	10890	0	0
Total						15	32670		
2nd Maintenance - 200 Tall Plants model									
	Maint. of old Plantation	Urla	Chukku	Khazri	U/Khazri	3	4158	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maint. of old Plantation	Kamlah	Tihra	Gharwasre a	DPF MangletaC- III	3	4158	0	0
	Maint. of old Plantation	Lad Bharol	Pandol	Pandol	DPF Golwan (Karsal)	2	2772	0	0
	Maint. of old Plantation	Lad Bharol	Daled	Daled	DPF Chail Chatra	3	4158	0	0
	Maint. of old Plantation	Kamlah	Tihra	Gaddidhar	DPF Khera nalla	3	4158	0	0
					Total	14	19404		
3rd Maintenance - 200 Tall Plants model									
	Maint. of old Plantation	Dharampur	Dharampur	Dharampur	Langha	3	1782	0	0
	Maint. of old Plantation	Kamlah	Tihra	Gaddidhar	Sadhoti	3	1782	0	0
	Maint. of old Plantation	Kamlah	Sandhol	Tandu	Tandu-1st	3	1782	0	0
	Maint. of old Plantation	Kamlah	Kamlah	Dodar	Gujar Nalla	5	2970	0	0
					Total	14	8316		
				Total		46	74877		
Protection of Plantations & Forests									
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
	Lantana Eradication	J/Nagar	J/Nagar	J/Nagar	DPF Jalpa	10	172150	N 31 57 37.52	E076 47 18.94
					Total	10	172150		
Clearing of Areas Infested upto 50%									
	Lantana Eradication	J/Nagar	J/Nagar	J/Nagar	DPF Jalpa	10	276100	N 31 57 37.52	E076 47 18.94
	Lantana Eradication	Dharampur	Mandap	Brang	Didnoo	5	138050	N31 46 37.71	E076 46.12. 21
					Total	15	414150		
Clearing of Areas Infested upto 75%									
	Lantana Eradication	J/Nagar	Chauntra	Banoun	DPF Jamoti	5	173882.5	N 31 57 01.41	E076 47 09.69



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Lantana Eradication	Dharampur	Mandap	Brang	Pantehda	5	173882.5	N31.45.1 .99	E076.4 5.38.0 3
	Lantana Eradication	Dharampur	Mandap	Mandap	Kothi	5	138050	N31.45.0 4.1	E076.4 8.00.2
	Lantana Eradication	Lad Bharol	pandol	Pandol	Bakarjan	5	173882.5	N 31 56 0146	E076 42 45.48
	Lantana Eradication	Lad Bharol	pandol	Golwan	DPF Soun	5	173882.5	N32 56 190	E076 40 07.03
					Total	25	833580		
Clearing of Areas Infested upto 100%									
	Lantana Eradication	J/Nagar	Chauntra	Ghatta	DPF Bhajrala	10	419430	N 32 01 23.22	E076 41 42.29
					Total	10	419430		
					Total	60	1839310		
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									
2nd Year Activity-1st Maint. / 50% Infested Areas									
	Lantana Eradication	All Ranges	All Blocks	All Beats	All Areas	15	99165	0	0
					Total	15	99165		
2nd Year Activity-1st Maint. / 75% Infested Areas									
	Lantana Eradication	All Ranges	All Blocks	All Beats	All Areas	10	76010	0	0
					Total	10	76010		
2nd Year Activity-1st Maint. / 100% Infested Areas									
	Lantana Eradication	All Ranges	All Blocks	All Beats	All Areas	10	76010	0	0
					Total	10	76010		
3rd Year Activity-2nd Maint. / 25% Infested Areas									
	Lantana Eradication	All Ranges	All Blocks	All Beats	All Areas	10	18645	0	0
					Total	10	18645		
3rd Year Activity-2nd Maint. / 50% Infested Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Lantana Eradication	All Ranges	All Blocks	All Beats	All Areas	15	50242.5	0	0
					Total	15	50242.5		
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	Lantana Eradication	All Ranges	All Blocks	All Beats	All Areas	10	46695	0	0
					Total	10	46695		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
	Lantana Eradication	All Ranges	All Blocks	All Beats	All Areas	5	23347.5	0	0
					Total	5	23347.5		
4th Year Activity-3rd Maint. / 25% Infested Areas									
	Lantana Eradication	All Ranges	All Blocks	All Beats	All Areas	16	29832	0	0
					Total	16	29832		
4th Year Activity-3rd Maint. / 50% Infested Areas									
	Lantana Eradication	All Ranges	All Blocks	All Beats	All Areas	60	200970	0	0
					Total	60	200970		
4th Year Activity-3rd Maint. / 75% Infested Areas									
	Lantana Eradication	All Ranges	All Blocks	All Beats	All Areas	52	242814	0	0
					Total	52	242814		
4th Year Activity-3rd Maint. / 100% Infested Areas									
			Total			203	863731		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	Engagement of Fire Watchers	All Ranges	All Blocks	All Beats	All Areas	2200	660000	0	0
	Hiring of Vehicle for Fire Control during fire season	All Ranges	All Blocks	All Beats	All Areas	1	100000	0	0
					Total	2201	760000		
			Total			2201	760000		
Soil and Moisture Conservation Works									
Development and Maintenance of Natural Springs in Forest Areas									
Development and Maintenance of Natural Springs in Forest Areas									
	Rejuvenation of Natural Spring	J/Nagar	J/Nagar	Harabag	DPF Siuri C3	1	150000	N 31 58 59	E 076 49 07



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	1	150000		
			Total			1	150000		
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	WHS	Urla	Chuku	Nagan	Nausa	1	2500000	31 56 12	76 51 52.0
	WHS	Kamlah	Tihra	Gharwasra	Gharwasra	1	2500000	31 45 46.747	76 41 12.898
	WHS	Ladbharol	Pandol	Galwan	Bajrod Nalla	1	2500000	31 59 52.495	76 41 6.040
	WHS	D/pur	Mandap	Mandap	Oddi Nalla	1	2500000	31 44 37.04	76 48 50.71
					Total	4	10000000		
			Total			4	10000000		
Integrated Development of Micro Watersheds and Catchments									
Integrated Development of Micro Watersheds and Catchments									
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	C/o Crate Wire Check Walls	J/Nagar	J/Nagar	Bagra	Near Baba balak nath Temple Dhag	3	180000	N 32 00 53	E 076 47 20
	C/o Crate Wire Check Walls	J/Nagar	Chauntra	U/Chauntra	UPF Khaprotu Bedani Nalla	3	180000	N 32 01 40.33	E076 45 15.90
	C/o Crate Wire Check Walls	J/Nagar	Chauntra	Banoun	Dalana Nalla	3	180000	N 31 55 3.87	E076 46 9.30
	C/O Crate Wire Protection Wall	J/Nagar	Bhararu	Bhararu	Katwali	3	180000	N 31 55.919	E076 49.066
	C/o Crate Wire Check Walls	J/Nagar	J/Nagar	Harabag	Near Shiva Poltary Farm near Ner Khadd	3	180000	N 31 59 0.69	E076 49 1.88



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	C/o RCC Protection Wall	J/Nagar	J/Nagar	J/Nagar	Niharu Nalla	5	200000	N 31 59 55.04	E076 46 79.01
	C/O of Protection wall .	J/nagar	J/Nagar	Bagra	Karanpurdhar	3	180000	N32 00 03.90	E076 46 31.99
	C/O wire crate chekc wall	J/Nagar	J/Nagar	Chaprot	Siyuri	4	240000	N31 59 17.5	E76 48 08.6
	C/O of wire crate check wall	J/Nagar	Bhararoo	bhararoo	Luni Khad	3	180000	N31 55 28.16	E76 48 15.31
	C/O wire crate check wall	D/pur	D/pur	D/pur	Village Patti at Gram Panchayat Kot	3	180000	N31 44 39	E076 39 35
	C/O Crate wire check wall	Kamlah	Kamlah	Sherpur	Garli Khad	3	180000	N31 47 402	E076 41 913
	C/O Crate wire check dam	Kamlah	Sandhol	Sandhol	Chejj Nalla	1	100000	N31 49 35	E076 39 54
	C/O Dry stone check wall	Kamlah	Sandhol	Masot	Bhoor Nalla	2	80000	N31 49 57	E076 40 46
	c/o Check Dam	Urla	Chukku	Khajrri	DPF Khajri	4	160000	N31 52 49.42	E076 51 27.20
	C/O Check Dam	Urla	Barot	Jhatingri	Tindu Nalla	4	160000	N31 56 55.22	E076 53 40.21
	c/o Check Dam	Urla	Barot	Kahlog	Kuffar (JHAMTHER)	3	120000	N32 00 15	E076 51 11
	c/o Check Wall	Urla	Chukku	Chukku	Rajhoun	3	90000	N31 53 36.42	E076 51 15.20
	C/O Check Wall	Urla	Chukku	Chukku	Trimbli Jol	3	75000	N31 53 36.41	E076 51 15.11



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	C/O Check Wall	Urla	Barot	Barot	Mayot	3	90000	N32 04 06	E076 47 58
	c/o Crate wire Check wall	Lad bharol	Daled	Daled	Dadhon Bagroa Nalla	3	210000	N31 56 373	E076 45 0445
	c/o Check dam	Lad Bharol	Pandol	Barnod	Siyun Nalla	2	80000	N31 56 30 .	E076 42 17.8
	C/O Dry stone Check Dam	Lad Bharol	Langna	Aal	Kotla Nalla	2	80000	N31 49 938	E076 46 831
	C/O GULLY PLUGGING	J/NAGAR	BHARARO O	DRUBBA L	DPF RAMSI	2	100000	N31 51 14.63	E076 48 48.23
	C/O GULLY PLUGGING	J/NAGAR	CHAUNTRA	L/CHAUNTRA	DPF SUKKER	5	100000	N31 59 43 .31	E076 45 39.58
	C/O CHECK DAM	TIKKEN	TIKKEN	THUJJI	RAWA NALL	5	100000	N32 02 45.65	E76 51 45.98
	C/O CHECK DAM	TIKKEN	DEVGARH	TARSWAN	DHARMEHAR	8	240000	N31 57 16	E076 55 05
	C/O B/WALL	TIKKEN	TIKKEN	BOACHING	FGD HUT BOACHING	1	100000	N32 01 10	E076 51 25
	C/O CHECK DAM	TIKKEN	DEOGARH	DEOGARH	KHARYAN NALLA	5	150000	N31 58 48 .5	E076 54 46.1
	C/o Retaining Walls	Dharampur	Mandap	Baroti	Fgd. Hut Baroti	2	300000	N 31 47 00.7	E076 47 02.3
	C/o Retaining Wall	Urla	Urla	Thorat	Fgd. Hut Compound Thorat	1	100000	N 31 56 30.00	E076 51 58.01
					Total	95	4495000		
				Total		95	4495000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Energy Saving Measures									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
	C/o Crematorium	J/Nagar	J/Nagar	Harabag	Hargunain Nalla in GP Har Gunain	1	350000	N 31 59 04	E076 48 54
	C/o Crematorium	Dharampur	Dharampur	Dharampur	Vill. Pati in GP Kot	1	350000	N 31 44 39	E 076 39 35
				Total		2	700000		
				Total		2	700000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	Fencing of Nursery	J/Nagar	J/Nagar	Harabag	Harabag Nursery	1	300000	N 31 59 08.6	E076 49 45.00
	Fencing of Nursery	Dharampur	Mandap	Baroti	Maloun Nursery	1	200000	N 31 47 26.9	E 076 47 14.9
	Fencing of Nursery	Tikkan	Silhbudhani	Silhbudhani	Silhbudhani Nursery	1	450000	N 31 56 024	E076 57 026
				Total		3	950000		
				Total		3	950000		
Forest Infrastructure Development									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	R/o B/Path	Urla	Urla	Thorat	Lundhra to Bhordhar	1	100000	N 31 57 4.28	E076 51 36.78
	Repair of B/Path	Urla	Barot	Kalhog	Nawan to Tarwan	1	100000	N 32 01 20.023	E076 50 42.41



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	R/o B/Path	Urla	Chukku	Khazri	Khazri to Sajehar	1	100000	N 31 54 29.03	E076 51 23.03
	R/o B/Path	J/Nagar	Chauntra	Banoun	Tikru to Jot	1	100000	N32 01 10.73	E076 42 08.72
	R/o B/path	J/Nagar	J/Nagar	Bagra	Ghoran to Mata Banderi	1	100000	N 31 54 3.94	E076 49 23.96
	Repair of B/path	Kamlah	Tihra	Gharwasra	Gharwasra to Chaswal	1	100000	n 31 76.780	e076 69.830
	Repair of B/path	urla	Chukku	Khazri	Khazri to Galmatha	1	100000	N 31 52 43	E076 51 17
	C/o Bridal Path	Dharampur	Mandap	Baroti	C/o B/Path from Baroti to Sangotua	1	100000	N 31 47 07.0	e076 47 08.3
	Repair of B/Path	Dharampur	Dharampur	Dharampur	C/o B/Path from Langha to Sarskan	1	100000	N 31 47 11.7	E076 46 07.11
					Total	9	900000		
				Total		9	900000		
				Grand Total			21315038		
Name of Division - Mandi									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting in Lantana Cleared Areas									
Planting - 500 Tall plants									
	Plantation Work	Kataula	Kataula	Neri Nishoo	Neri Nishoo	5	308000	,	,
	Plantation	Kataula	Kataula	Gharan	Gehar Nal	10	616000	,	,
	Plantation	Panarsa	Badar	Kelti	Uba	10	616000	,,	.
	Plantation	Panarsa	Badar	Mehini	Kukra	10	616000	,	,



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	35	2156000		
Planting - 200 Tall plants									
	Plantation	Mandi	Sadar	Randhara	Nain Tunga	5	194040	,	,
	Plantation	Mandi	Reharadhar	Reharadhar	Bansihal	10	388080	,	,
	Plantation	Drang	Kufri	Kufri	Samrahal	10	388080	,	,
	Plantation	Kataula	Kataula	Mohar	Mohar	5	194040	,	,
					Total	30	1164240		
Planting - 1100 Normal plants									
Planting - 800 Normal plants									
			Total			65	3320240		
Replenishment & Enhancement of Forest Cover (REFC)									
Maintenance of Planting in Lantana Cleared Areas									
Maintenance of Plantation with 500 Tall Plants model									
1st Maintenance - 500 Tall Plants model									
	Maintenance	Panarsa	Badar	Mehini	Mehni	10	48290	,	,
	Maintenance	Kataula	Kataula	Neri Nishoo	Neri Nishoo	5	24145	-	-
	Maintenance	Drang	Kufri	Saraun	Banswad	10	48290	-	-
	Maintenance	Drang	Kufri	Kufri	Lohardi	10	48290	-	-
					Total	35	169015		
2nd Maintenance - 500 Tall Plants model									
	Maintenance	Kataula	Kataula	Neri Nishoo	Neri Nishoo	5	13310	-	-
	Maintenance	Kataula	Kataula	Gharan	Gehar Nal	10	26620	-	-
	Maintenance	Panarsa	Badar	Kelti	Uba	10	26620	-	-
	Maintenance	Panarsa	Badar	Mehini	Kukra	10	26620	-	-
					Total	35	93170		
3rd Maintenance - 500 Tall Plants model									
	Maintenance	Panarsa	Badar	Mehini	Mehni	10	12320	-	-
	Maintenance	Kataula	Kataula	Neri Nishoo	Neri Nishoo	5	6160	-	-
	Maintenance	Drang	Kufri	Saraun	Banswad	10	12320	-	-
					Total	25	30800		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Maintenance of Plantation with 200 Tall Plants model									
1st Maintenance - 200 Tall Plants model									
2nd Maintenance - 200 Tall Plants model									
	Maintenance	mandi	Sadar	Randhara	Nain Tunga	5	6930	-	-
	Maintenance	Mandi	Reharadhar	Reharadhar	Bansihal	10	13860	-	-
	Maintenance	Drang	Kufri	Kufri	Samrahal	10	13860	-	-
	maintenance	Kataula	Kataula	Mohar	Mohar	5	6930	-	-
	Maintenance	Mandi	Majhwar	Nela	Rihnidhar	5	6930	-	-
	Maintenance	Drang	Drang	Sarda	Sarda	5	6930	-	-
					Total	40	55440		
3rd Maintenance - 200 Tall Plants model									
	Maintenance	Drang	Kufri	Kufri	Luhardi	10	5940	-	-
					Total	10	5940		
			Total			145	354365		
Nursery Raising									
Nursery Raising									
Nursery Raising									
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
	Climber cutting	Kataula	Kataula	Kamand	Khani DPF	5	50000	-	-
	Climber Cutting	Kataula	Kataula	Mohar	Dugach DPF	5	50000	-	-
	Climber Cutting	Panarsa	Chahtigarh	Trail	Duksti DPF	10	100000	-	-
	Climber Cutting	Panarsa	Piun	Bhatwari	Dhiundhar DPF	20	200000	-	-
	Climber Cutting	Kotli	Kotli	Bagloo	Bagloo	10	100000	-	-
					Total	50	500000		
			Total			50	500000		
Protection of Plantations & Forests									
Construction of Boundary Pillars									
Construction of Boundary Pillars									
	construction of boundry pillar	Kataula	Kataula	uttarshan	darlog	23	NaN	-	-
	c/o poundary Pillar	Kotli	kotli	Saigallo	Kutal Chamaru	20	100000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	43	100000		
			Total			43	100000		
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
Clearing of Areas Infested upto 50%									
	Lantana Eradication	Mandi	-	-	-	10	276100	-	-
					Total	10	276100		
Clearing of Areas Infested upto 75%									
	Lantana Eradication	All	-	-	-	18	625900	-	-
					Total	18	625900		
Clearing of Areas Infested upto 100%									
	Lantana Eradication	Drang	Kufri	Kufri	Luhardi	20	838860	-	-
					Total	20	838860		
			Total			48	1740860		
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									
	Lantana Maintenance	Mandi	Rewalsar	Majhyali	Pipli DPF	5	23155	-	-
					Total	5	23155		
2nd Year Activity-1st Maint. / 50% Infested Areas									
	Lantana Maintenance	Panarsa	Badar	Thatta	Satiur Dhar	10	66110	-	-
	Lantana Maintenance	Drang	Kufri	Kufri	Manglana	10	66110	-	-
					Total	20	132220		
2nd Year Activity-1st Maint. / 75% Infested Areas									
	Lantana Maintenance	Panarsa	Badar	Thatta	Tundhla	5	38005	-	-
	Lantana Maintenance	Mandi	Sadar	Talyar	Gandharav	5	38005	-	-
	Lantana Maintenance	Drang	Drang	Trayambli	Barnala	5	38005	-	-
					Total	15	114015		
2nd Year Activity-1st Maint. / 100% Infested Areas									
	Lantana Maintenance	Panarasa	Badar	Shiva	Shiva	5	38005	-	-
	Lantana Maintenance	Drang	Drang	Kufri	Laagdhar	5	38005	-	-
					Total	10	76010		
3rd Year Activity-2nd Maint. / 25% Infested Areas									
	Lantana Maintenance	Mandi	Rewalsar	Ratti	Maheshra	5	9322.5	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	5	9322.5		
3rd Year Activity-2nd Maint. / 50% Infested Areas									
	Lantana Maintenance	Drang	Padhar	Kunnu	Chotti Singari	10	33495	-	-
					Total	10	33495		
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	Lantana Maintenance	Kataula	Kataula	Mohar	Kukra	10	46695	-	-
	Lantana Maintenance	Kataula	Kataula	Kamand	Vasahar	4	18678	-	-
	Lantana Maintenance	Mandi	Rehradhar	Bijni	Dhangsidhar	5	23347.5	-	-
	Lantana Maintenance	Mandi	Tarapur	Kangni	Kangni	5	23347.5	-	-
					Total	24	112068		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
4th Year Activity-3rd Maint. / 25% Infested Areas									
	Lantana Uprooting	Mandi	Rewalsar	Majhyali	Banotu	5	9322.5	-	-
	Lantana Uprooting	Mandi	Rewalsar	Rattti	Dola	5	9322.5	-	-
					Total	10	18645		
4th Year Activity-3rd Maint. / 50% Infested Areas									
	Lantana Uprooting	Mandi	Tarapur	Knagni	Padhru	5	16747.5	-	-
	Lantana Uprooting	Mandi	Rehradhar	Rehradhar	Pharsa	5	16747.5	-	-
	Lantana Uprooting	mandi	Majhwar	Nela	Rihnidhar	5	16747.5	-	-
	Lantana Uprooting	Mandi	Sadar	Talyar	Gandharav	10	33495	-	-
	Lantana Uprooting	Panarsa	badar	Kelti	Naagdhar	5	16747.5	-	-
					Total	30	100485		
4th Year Activity-3rd Maint. / 75% Infested Areas									
	Lantana Uprooting	Drang	Kufri	Sarda	Sarda	10	46695	-	-
	Lantana Uprooting	Drang	Drang	Tandu	Maigal	5	23347.5	-	-
	Lantana Uprooting	Mandi	Tarapur	Tarapur	Devidhar	5	23347.5	-	-
	Lantana Uprooting	Mandi	Rewalsar	Majhyali	Karnehra	5	23347.5	-	-
	Lantana Uprooting	Mandi	Sadar	Randhara	Naintunga	5	23347.5	-	-
	Lantana Uprooting	Panarsa	Badar	Mehni	Kukra	10	46695	-	-
	Lantana Uprooting	Panarsa	Badar	Kelti	Uba	10	46695	-	-
	Lantana Uprooting	Panarsa	Piun	Bandhi	Jalogi	5	23347.5	-	-
	Lantana Uprooting	Kataula	Kataula	Uttarshal	Kataula	3	14008.5	-	-
	Lantana Uprooting	Kataula	Kataula	Kamand	Jungdhar	10	46695	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Lantana Uprooting	Kataula	Baggi	Baggi	Rakshnal	5	23347.5	-	-
	Lantana uprooting	Katauala	Kataula	Gharan	Jarili Nal	5	23347.5	-	-
	Lantana Uprooting	Kataula	Kataula	Neri Nishoo	Junah	5	23347.5	-	-
					Total	83	387568.5		
4th Year Activity-3rd Maint. / 100% Infested Areas									
	Lantana Maintenance	Drang	Kufri	Kufri	Samrahal	10	46695	-	-
	Lantana Uprooting	Mandi	Rehradhar	Rehradhar	Bansihal	5	23347.5	-	-
	Lantana Uprooting	Panarsa	Badar	Shiva	Brehal	10	46695	-	-
					Total	25	116737.5		
					Total	237	1123721.5		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	Fire watcher and controlleburning	Kataula	All	All	All	0	300000	-	-
	engagement of Fire watcher	Mandi	All	All	Jurisdiction	17	459000	-	-
	Hiring of taxi for fire protection	mandi`	All	All	jurisdiction	150	150000	-	-
	Repair of Fire Line	Mandi	Rewalsar	Ratti	PargiBag	3 Km	300000	-	-
	Maint. of Fire Line	Mandi	Rewalsar	Manjhyali	Khakhriyana	2 Km	300000	-	-
	Repair of Fire Line	Mandi	Tarapur	Tarapur	Moviseri	8 Km	300000	-	-
	Repair of Fire Line	Mandi	Tarapur	Tarapur	Chohla	5 Km	300000	-	-
	Repair of Fire Line	Mandi	Tarapur	Sakroha	Moviseri Kandhi	4	500000	-	-
	Repair of fire line	mandi	sadar	Rehradhar	Patarun	2km	200000	-	-
	Repair of fire line	mandi	sadar	randhara	guga mandi	2km	200000	-	-
	repair of fire line	mandi	Majhwar	Chabhuan	Langwahar	1km	100000	-	-
	Fire watcher and contorll burning	Panarsa	All	All	All	0	550000	-	-
	Hiring of Taxi for fire protectio n	panarsa	All	All	All	0	100000	-	-
					Total	194	3759000		
					Total	194	3759000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Soil and Moisture Conservation Works									
Development and Maintenance of Roof Rain Water Harvesting Structures in Forest Buildings									
Development and Maintenance of Roof Rain Water Harvesting Structures in Forest Buildings									
	C/O Roof Rain Harvesting	mandi	Reharadhar	Bijini	BO Qtr Rehradhar	1	250000	-	-
	C/O Roof Rain water harvesting structure	Kotli	Kotli	Kotli	Range office Kotli	1	200000	-	-
					Total	2	450000		
				Total		2	450000		
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	WHS	Panarsa	Shiva	Shiva	Jhamal Nalla	1	2500000	31 41' 3.067	77 3'50.16 9"
	WHS	Kotli	Nagan	Gokhra	Banogi Nalla	1	2500000	31 43'56.460	76 53'39.1 02"
	WHS	Kataula	Malwara	Malwara	Batheri Nalla	1	2500000	31 49' 42.181	76 59'20.5 45"
	WHS	Drang	Kufri	Saraun	Narla Khad	1	2500000	31 52' 5.682"	76 54'28.9 83"
	WHS	Mandi	Rewalsar	Ratti	Mahsra Nalla	1	2500000	31 52' 56.412"	76 52'20.3 84"
					Total	5	12500000		
				Total		5	12500000		
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	Chek Dam	Kataula	Malwara	Malawara	Seri Nala	10	300000	-	-
	Check dam	Kataula	Malwara	Jorla	Sari nala	10	300000	-	-
	Check Dam	Mandi	Majhwar	Padhar	Chaka Nala	5	150000	-	-
	Dry Stone Masonary Check	Mandi	Tarapur	Tarapur	Ali Nal	5	150000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Check Dam	Mandi	Rehradhar	tamlot	Hrajan Nala	10	300000	-	-
	Check Dam	Mandi	Rewalsar	Majhyali	Jamni Dhar DPF	5	150000	-	-
	Check Dam	Mandi	Sadar	Rani Bain	Jhmar Forest	3	90000	-	-
	Check Dam	Mandi	Sadar	Talyar	Motal Nala	10	300000	-	-
	Dry Stone Check Dam	Drang	Drang	Silag	Pali Nala	10	300000	-	-
	Dry Stone Check Dam	Drang	Drang	Tandu	Maigal Nala	10	300000	-	-
	Dry Stone Check Dam	Drang	Kufri	Kufri	Kufri Nala	10	300000	-	-
	Dry Stone Check Dam	Drang	Padhar	Kunnu	Mana Nala	10	300000	-	-
	Dry Stone Check Dam	Drang	Padhar	Padhar	Surahan	5	150000	-	-
	Dry Stone Check Dam	Drang	Padhar	Padhar	Bahi Nala	5	150000	-	-
	Dry Stone Check Dam	Drang	Padhar	Padhar	Sakoti Nala	5	150000	-	-
	Dry Stone Check Dam	Drang	Padhar	Padhar	Saned Nala	7	200000	-	-
	Gully Plunging	Panarsa	Piun	Piun	Shikari Nal	40	52000	-	-
	Check Dam	Panarsa	Piun	Pataunsh	Dola Nala	8	200000	-	-
	Check Dam	Panarsa	Badar	Shiva	Keli Nal	10	250000	--	-
	Check Dam	Panarsa	Badar	Mehni	Jahal Nala	10	250000	-	-
	Check dam	Panarsa	Balu	Bhairkot	Nalash Nala	10	250000	-	-
	Check Dam	Panarsa	Aut	Rahri	Chubhalu	10	250000	-	-
	R Wall	Panarsa	Chehtigarh	Trail	Rahla Nala	5	250000	-	-
	Check Dam	Kotli	Nagan	Nagan	Galtu Nala	10	200000	-	-
	Check Dam	Kotli	Nagan	Sardhwar	Khabu Nala	10	200000	-	-
					Total	233	5492000		
				Total		233	5492000		
Information Technology and Communication									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
	Purchase of Printers	All Range	-	-	-	5	75000	-	-
	Purchase of GPS	All Ranges	-	-	-	15	150000	-	-
					Total	20	225000		
				Total		20	225000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	C/O Fgd. Hut Nihloo	Panarsa	Piun	Nihloo	Nihloo	1	1500000	-	-
	C/o Forest Guard Nagan	Kotli	Nagan	Nagan	Nagan	1	1500000	-	-
	C/o Fgd hut at Kandhlu	Katola	Baggi	segali	Kandhlu	1	1700000	-	-
					Total	3	4700000		
			Total			3	4700000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Repair of Approach road to Talyar forests Colony	Mandi	Sadar	Talyar	Talyar	1	100000	-	-
	Inspection Hut	Kataula	Malwara	Malwara	Malwara	1	100000	-	-
	Repair of Approach Road	Mandi	Majhwar	Padhar	FRHMajhwar	1	200000	-	-
	Repair of Bridal Path from Katlinala to Naintunga	Mandi	Sadar	Randhara	Randhara	1	200000	-	-
	Repair of Kitchen cum out house FRH Drang	Drang	Drang	Drang	drang	1	300000	-	-
	Repair of footpath FRH to BO Qtr.	Drang	Drang	Drang	Drang	1	150000	-	-
	Maintenance of BO Qtr. Kufri	Drang	Kufri	Sarda	Sarda	1	100000	-	-
	Maintenance of Fgd Hut Panarsa	Panarsa	Aut	Panarsa	Panarsa	1	150000	-	-
	Maintenance of BO Qtr Panarsa	Panarsa	Aut	Panarsa	Panarsa	1	150000	-	-
	Link Road Khili Trbuka to Lagdhar Nry. 100 Mtr.	Kotli	Janitary	Laagdhar	Laagdhar	1	100000	-	-
	improvement of jeepable road Fgd. Hut Nagan	Kotli	Nagan	Nagan	Nagan	1	200000	-	-
					Total	11	1750000		
			Total			11	1750000		
Survey and Mapping of Forest Areas									
Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation Works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund									
	Survey and Mapping of Forest Areas	All	All	All	-	0	200000	-	-
					Total	0	200000		
					Total	0	200000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	Publicity and awareness program	All	All	All	-	0	300000	-	-
					Total	0	300000		
					Total	0	300000		
					Grand Total		36515186.5		
Name of Division - Nachan									
Soil and Moisture Conservation Works									
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	Construction of Check Dams	janjehli	Janjehli	Ghatadhar	Bahula Nalla	3	120000	N31*32'3 3.35"	E077* 115'1.5 9"
	Construction of Check Dams	Seraj	keolinal	Riyara	Jhangru	5	200000	N31*493' .316"	E77*2 26'876' ,
	Construction of Check Dams	Seraj	keolinal	Riyara	Shalanagad	5	200000	N31*47'2 342"	E077* 217'76 0"
					Total	13	520000		
					Total	13	520000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	C/o Fgd hut at Kolidhar	-	-	-	-	1	2000000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Fgd hut Dholdhar	-	-	-	-	1	2000000	-	-
					Total	2	4000000		
			Total			2	4000000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Maintenance of Fire line	Pandoh	Pandoh	Pandoh	Dhumadevi etc	4	60000	0	0
	Maintenance of Fire line	Nachan	Bassa	Bassa	Odidhar to Gando Devi up to Pingla	3	60000	0	0
	Maintenance of Fire line	Thachi	Bali	Bali	Tipper chalyala etc	3	60000	0	0
	Maintenance of Fire line	Seraj	Bagsaid	Bara	Bara Bakora etc	2	31000	0	0
					Total	12	211000		
			Total			12	211000		
				Grand Total			4731000		
Name of Circle -Kullu									
Name of Division - Seraj									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting in Lantana Cleared Areas									
Planting - 500 Tall plants									
Planting - 200 Tall plants									
Planting - 1100 Normal plants									
	Planting	Sainj	larji	Bhallan	Bona Age	5	286550	-	-
	Planting	Sainj	larji	Dalashani	Sharan Dhar	5	286550	-	-
	Planting	Sainj	larji	Dalashani	3	3	171930	-	-
					Total	13	745030		
Planting - 800 Normal plants									
	Planting	Tirthan	Plach	Bandal	Panudhar	2	96580	-	-
	Planting	Tirthan	Plach	Plach	Trisha	2	96580	-	-
	Planting	Tirthan	Panihar	Panihar	Kudhar	2	96580	-	-
	Planting	Sainj	larji	Dalashani	Tipper	5	241450	-	-
	Planting	Sainj	larji	Kanon	Thali Dhar	5	241450	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	16	772640		
			Total			29	1517670		
Maintenance of Planting in Lantana Cleared Areas									
Maintenance of Plantation done under REFC Scheme									
1st Maintenance - 1100 Normal Plants model									
	Maint.	Sainj	Sainj	Gohi	Jolly Nala	5	37675	-	-
	Planting	Sainj	larji	Larji	Dinger Pani	5	37675	-	-
	maint	Tirthan	Plach	Plach	sharadhar	2	15070	-	-
					Total	12	90420		
2nd Maintenance - 1100 Normal Plants model									
	maint	Sainj	Sainj	Gohi	gohi phat	3	15180	-	-
	maint	Sainj	larji	Larji	sari dhar	3	15180	-	-
	maint	Tirthan	Panihar	Chanon	chichigar	4	20240	-	-
					Total	10	50600		
3rd Maintenance - 1100 Normal Plants model									
	maint	Sainj	Sainj	dhaugi	tandidhar	3	11550	-	-
					Total	3	11550		
4th Maintenance - 1100 Normal Plants model									
5th Maintenance - 1100 Normal Plants model									
	maint	Tirthan	Plach	Bandal	jamala	5	13200	-	-
	maint	Tirthan	Panihar	Chanon	thata	3	7920	-	-
	maint	Tirthan	Panihar	Panihar	mahila thach	3	7920	-	-
					Total	11	29040		
Maintenance of Plantation done under 800 Normal Plants model									
1st Maintenance - 800 Normal Plants model									
	maint	Sainj	Sainj	sainj	1/44 khanidhar	3	16500	-	-
	maint	Sainj	Sainj	deuri	2/39 shikarla	3	16500	-	-
	maint	Sainj	larji	Kanon	chadidhar	4	22000	-	-
					Total	10	55000		
2nd Maintenance - 800 Normal Plants model									
3rd Maintenance - 800 Normal Plants model									
4th Maintenance - 800 Normal Plants model									
5th Maintenance - 800 Normal Plants model									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	maint	Sainj	larji	Kanon	largani nal	10	19800	-	-
					Total	10	19800		
				Total		56	256410		
Nursery Raising									
Nursery Raising									
Nursery Raising									
	Nursery raising	-	-	-	-	2	306875	-	-
	Maintenance	-	-	-	-	0	6582948	--	-
					Total	2	6889823		
				Total		2	6889823		
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
	Climber cutting	Banjar	Jibhi	hirab and sojha	dala and kansar	0	95000	-	-
	climbing cutting	Tirthan	Plach	Bandel	jhutli klwala	0	85000	-	-
	climber cutting	Sainj	Sainj	Dhaugi	R/8 dhaugi and 2/38 thach ghar	0	95000	-	-
	debris collection and burning	Tirthan	Plach	Kalwari	buhara	0	80000	-	-
					Total	0	355000		
				Total		0	355000		
Protection of Plantations & Forests									
Construction of Boundary Pillars									
Construction of Boundary Pillars									
	construction of boundary pillars	Tirthan	Plach	Kalwari	dpf buhara	4	22000	-	-
	construction of boundary pillars	Tirthan	Plach	Kalwari	kanailbag	5	27500	-	-
	construction of boundary pillars	Banjar	Jibhi	trilokpur	25/latora	4	22000	-	-
	construction of boundary pillars	Banjar	Bahu	gadagusheni	4/kajlahar	5	27500	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	construction of boundary pillars	Banjar	Bahu	Gashini	dhiyon kanyali	2	11000	-	-
	construction of boundary pillars	Banjar	Bahu	sarandhi	chuhar	2	11000	-	-
				Total		22	121000		
				Total		22	121000		
Soil and Moisture Conservation Works									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
	roof rain water harvesting	Sainj	Sainj	Sainj	FRH sainj	1	350000	-	-
	RRWHS	Tirthan	Plach	Bandel	FRH Bandal	1	250000	-	-
					Total	2	600000		
				Total		2	600000		
				Grand Total			9739903		
Name of Division - Parvati									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting in Lantana Cleared Areas									
Planting - 500 Tall plants									
Planting - 200 Tall plants									
Planting - 1100 Normal plants									
	Afforest.	Hurla	Garsa	Garsa	Chila age B-III	10	521000	30°49'50''	77°14'57''
	Afforest	Hurla	Hurla	Garsa	Bhadu-ra-shoran	5	260500	31°50'10''	77°14'57''
	Afforest.	Hurla	Garsa	Shaiah	Hawai Gharat	5	260500	31°52'42''	77°13'13''
					Total	20	1042000		
Planting - 800 Normal plants									
	Afforest	Hurla	Garsa	Narol	Narayan Ban	10	439000	31°49'44''	77°13'57''



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Afforest	Hurla	Garsa	Tharas	Amru Pichhe	10	439000	31°49'50"	77°12'36"
					Total	20	878000		
					Total	40	1920000		
Maintenance of Plantation done under REFC Scheme									
1st Maintenance - 1100 Normal Plants model									
	Maint.	Hurla	Thella	Jaistha	Puin Phat	10	91000	-	-
	Maint.	Hurla	Thella	Jaistha	Johal Phat	10	91000	-	-
					Total	20	182000		
2nd Maintenance - 1100 Normal Plants model									
3rd Maintenance - 1100 Normal Plants model									
4th Maintenance - 1100 Normal Plants model									
	Maint.	Bhunter	Bajaura	Neul	Kotli Pichee	3	9540	-	-
	Maint	Bhunter	Bajaura	Neul	Tapra	2	6360	-	-
					Total	5	15900		
5th Maintenance - 1100 Normal Plants model									
	Maint.	Hurla	Bhuin	Badogi	Kochhari Thach	5	15900	-	-
	Maint.	Hurla	Bhuin	Naresh	Makrahd KK-III	7	22260	-	-
	Maint.	Jari	Jari	Chakhna	Harkandi-III	5	15900	-	-
	Maint	Kasol	Kasol	Grahan	Grahan	5	15900	-	-
					Total	22	69960		
Maintenance of Plantation done under 800 Normal Plants model									
1st Maintenance - 800 Normal Plants model									
2nd Maintenance - 800 Normal Plants model									
3rd Maintenance - 800 Normal Plants model									
4th Maintenance - 800 Normal Plants model									
5th Maintenance - 800 Normal Plants model									
					Total	47	267860		
Nursery Raising									
Nursery Raising									
Nursery Raising									
	Raising	-	-	-	-	18000	172080	-	-
	Raising	-	-	-	-	12000	126240	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Raising	-	-	-	-	30000	55500	-	-
	Maintenance	-	-	-	-	2871	16451	-	-
	Maintenance	-	-	-	-	1914	10967	-	-
	Maintenance	-	-	-	-	4785	68091	-	-
					Total	69570	449329		
				Total		69570	449329		
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
	Cleaning & Thining Operation	Hurla	Bhuin	Najan	2/16 Osm	1	100000	-	-
	Cleaning & Thining Operation	Kasol	Kasol	Grahan	Kanawar-II	1	100000	-	-
					Total	2	200000		
				Total		2	200000		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	Engagement of fire watcher	Bhunter	Bajaura	Mashgan	Khokhan-III	150	45000	-	-
	Engagement of fire Watcher	Bhunter	Bajaura	Neul	1/46 Dukam	90	27000	-	-
	Engagement of fire Watcher	Bhunter	Bajaura	Khokhan	Khokhan-III	150	45000	-	-
	Engagement of fire Watcher	Bhunter	Doranala	Sandhar	Maharaja-III	90	27000	-	-
	Engagement of fire Watcher	Bhunter	Doranala	Pah	R/9 Rajgiri	90	27000	-	-
	Engagement of fire Watcher	Bhunter	Shamshi	Bhulang	Khokhan-III	120	36000	-	-
	Engagement of fire Watcher	Bhunter	Shamshi	Mohal	Khokhan-III	150	45000	-	-
	Maint. of Fire Lines	Bhunter	Bajaura	Neul	1/46 Dukam	2.5	12500	-	-
	Maint. of Fire Lines	Bhunter	Bajaura	Khokhan	Khokhan-III	2.5	12500	-	-
	Maint. of Fire Lines	Bhunter	Doranala	Pah	R/9 Rajgiri	2.5	12500	-	-
	Engagement of fire watcher	Hurla	Bhuin	Barogi	20-Jan	90	27000	-	-
	Engagement of fire watcher	Hurla	Bhuin	Narogi	1/21 Khoru	90	27000	-	-
	Engagement of fire watcher	Hurla	Bhuin	Naresh	1/33 Masu	150	45000	-	-
	Engagement of fire watcher	Hurla	Bhuin	Diyar	KK-III	120	36000	-	-
	Engagement of fire watcher	Hurla	Bhuin	Bhuin	KK-III	150	45000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Engagement of fire watcher	Hurla	Thella	Jhuni	R/9 Jolid	60	18000	-	-	
Engagement of fire watcher	Hurla	Thella	Najan	1/28 Barasu	60	18000	-	-	
Engagement of fire watcher	Hurla	Thella	Rauli	R/12 Nihara	60	18000	-	-	
Engagement of fire watcher	Hurla	Thella	Jaistha	1/27 sees	90	27000	-	-	
Engagement of fire watcher	Hurla	Garsa	Garsa	1/33 Joulid	120	36000	-	-	
Engagement of fire watcher	Hurla	Garsa	Narol	1/38 Rajiyara	120	36000	-	-	
Engagement of fire watcher	Hurla	Garsa	Shiah	KK-III	120	36000	-	-	
Engagement of fire watcher	Hurla	Garsa	Tharas	Bhalan-III	150	45000	-	-	
Maint of fire Lines	Hurla	Bhuin	Diyar	R/7 Diyar	2	10000	-	-	
Maint of fire Lines	Hurla	Bhuin	Bhuin	1/23 Masu	2.5	12500	-	-	
Maint of fire Lines	Hurla	Garsa	Shiah	1/26 Shonda	2.5	12500	-	-	
Engagement of fire watcher	Jari	Jari	Chhakna	R/5 Suma	150	45000	-	-	
Engagement of fire watcher	Jari	Jari	Sarahan	1/14 Ori dhar	90	27000	-	-	
Engagement of fire watcher	Jari	Jari	Chhinjra	Harkandi-III	120	36000	-	-	
Engagement of fire watcher	Jari	Jari	Jari	R/6 Bindra	90	27000	-	-	
Engagement of fire watcher	Jari	Dhara	Dhara	R/19 Rajthati	90	27000	-	-	
Engagement of fire watcher	Jari	Dhara	Pagu	Chong-III	150	45000	-	-	
Engagement of fire watcher	Jari	Dhara	Shat	1/18 Khanoru	90	27000	-	-	
Engagement of fire watcher	Jari	Pini	Pini	2/34 Pinsu	150	45000	-	-	
Engagement of fire watcher	Jari	Pini	Kashwari	Kais-III	120	36000	-	-	
Engagement of fire watcher	Jari	Pini	Chowki	Kanawar-III	90	27000	-	-	
Maint of fire Lines	Jari	Jari	Chhakna	R/5 Suma	2.5	12500	-	-	
Maint of fire Lines	Jari	Pini	Kashwari	Kandi Galu to	2.5	12500	-	-	
Engagement of fire watcher	Kasol	Kasol	Kasol	R/4 Kasol	90	27000	-	-	
Engagement of fire watcher	Kasol	Kasol	Malana	Nagar-III	90	27000	-	-	
Engagement of fire watcher	Kasol	Kasol	Grahan	1/9 Khobas	90	27000	-	-	
Engagement of fire watcher	Kasol	Manikaran	Manikaran	R/12 Dudikhol	120	36000	-	-	
Engagement of fire watcher	Kasol	Manikaran	Shila	1/8 Sthali	120	36000	-	-	
Engagement of fire watcher	Kasol	Tosh	Tosh	2/6 Bhandag	90	27000	-	-	
Engagement of fire watcher	Kasol	Tosh	Ucch	R/1 Pulga	90	27000	-	-	
Engagement of fire watcher	Kasol	Pulga	Pulga	1/4 Pajbang	60	18000	-	-	
Engagement of fire watcher	Kasol	Pulga	Tulga	2/3 Tosh Nala	60	18000	-	-	
Maint. of Fire Lines	Kasol	Kasol	Kasol	1/2 Runi	1	5000	-	-	



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	4190.5	1353500		
			Total			4190.5	1353500		
Soil and Moisture Conservation Works									
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	soil Conservation	Hurla	Bhuin	Bhuin	C/o DRSM Check walls at Kahudhar Pichhe	30	300000	-	-
	soil Conservation	Hurla	Bhuin	Badogi	C/o DRSM Check walls at Jammu age	20	200000	-	-
	soil Conservation	Hurla	Thella	Rauli	C/o DRSM Check walls at Rauli	20	200000	-	-
	soil Conservation	Hurla	Garsa	Shiah	C/o DRSM Check walls at Shiah	30	300000	-	-
	soil Conservation	Hurla	Garsa	Narol	C/o DRSM Check walls at Neul Nala	30	300000	-	-
				Total		130	1300000		
				Total		130	1300000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	New Construction	Hurla	Thella	Najan	C/o Fgd Hut Najan	1	1500000	-	-
	New Construction	Kasol	Tosh	Tosh	C/ BO Quarter Tosh at Ucch	1	1500000	-	-
				Total		2	3000000		
				Total		2	3000000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Repair	Hurla	Thella	Najan	Repair of I/path from Thella to Najan	1.5	150000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Repair	Hurla	Thella	Rauli	Repair of path from Rauli to Buga	2	200000	-	-
	Repair	Hurla	Bhuin	Naresh	Repair of path form Masu Nala to Chherithach	2	200000	-	-
				Total	Total	5.5	550000		
				Grand Total		5.5	550000		
Name of Division - Kullu									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Replenishment & Enhancement of Forest Cover (REFC)									
Planting with 1100 Normal Plants									
	Planting with 1100 normal plants	Patlikuhal	Fozal	Mandalgarh	MG-III	5	286550	-	-
	Planting with 1100 normal plants	Patlikuhal	Fozal	Neri	Kukri Pichhe	10	573100	-	-
	Planting with 1100 normal plants	Patlikuhal	Katrain	Baragarh	BG-III	10	573100	-	-
	Planting with 1100 normal plants	Patlikuhal	Katrain	Pankot	2/37 Nagoni	10	573100	-	-
					Total	35	2005850		
Planting with 800 Normal Plants									
				Total		35	2005850		
Maintenance of Plantation with 1100 Normal Plants model									
1st Maintenance - 1100 Normal Plants model									
	1st year maintenance	Manali	Palchan	Kangni	2/1 Kangni C-IIC	3	22605	-	-
	1st year maintenance	Bhutti	Rujag	Choparsa	Than Ridha	3	22605	-	-
	1st year maintenance	Bhutti	Rujag	Mashna	Gadsheher Shilla	2	15070	-	-
	1st year maintenance	Bhutti	Rujag	Tiun	Nagdhar	10	75350	-	-
	1st year maintenance	Bhutti	Rujag	Tiun	Gorudug	7	52745	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						25	188375		
2nd Maintenance - 1100 Normal Plants model									
3rd Maintenance - 1100 Normal Plants model									
Maintenance of Plantation with 800 Normal Plants model									
1st Maintenance - 800 Normal Plants model									
	1st year maintenance	Manali	Vashishat	Aleo	1/5 Rahani	2	11000	-	-
	1st year maintenance	Manali	Vashishat	Aleo	1/6 Aleo Bihal C-OI	5	27500	-	-
	1st year maintenance	Manali	Vashishat	Aleo	1/6 Aleo Bihal c-II	3	16500	-	-
	1st year maintenance	Kullu	Kullu	Sari	1/27 Path Nali	15	82500	-	-
	1st year maintenance	Kullu	Kullu	Sari	1/28 Gogarshill	10	55000	-	-
	1st year maintenance	Kullu	Kullu	Sari	2/48 Upper Pathi nal	20	110000	-	-
	1st year maintenance	Kullu	Kullu	Maharaja	1/39 Raimpan	8	44000	-	-
	1st year maintenance	Kullu	Kullu	Maharaja	1/40 Sungra	6	33000	-	-
Total						69	379500		
2nd Maintenance - 800 Normal Plants model									
	2nd year maintenance	Manali	Manali	Goshal	2/4 Sanchal shill C-I	5	18700	-	-
Total						5	18700		
3rd Maintenance - 800 Normal Plants model									
Total						99	586575		
Maintenance of Plantation done under REFC Scheme									
Maintenance of Plantation done under 800 Normal Plants model									
3rd Maintenance - 800 Normal Plants model									
	3rd year maintenance	Manali	Kothi	Mathivan	2/12 Mathivan C-III	5	14300	-	-
Total						5	14300		
Total						5	14300		
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Bush Cutting, Climber cutting & cleaning thinning	Bhutti	Tarapur	Bharai	1/38 CIB , CIIC	10	70000	-	-
	Bush Cutting, Climber cutting & cleaning thinning	Bhutti	Tarapur	Bharai	1/37 Kailidugh	5	35000	-	-
	Bush Cutting, Climber cutting & cleaning thinning	Bhutti	Tarapur	Kaisdhar	1/41 Reunsigahar	5	35000	-	-
	Bush Cutting, Climber cutting & cleaning thinning	Bhutti	Rujag	Tiun	M-III	5	35000	-	-
	Bush Cutting, Climber cutting & cleaning thinning	Kullu	Kullu	Maharaja	1/40 Forest	12	84000	-	-
	Bush Cutting, Climber cutting & cleaning thinning	Patlikuhal	Fozal	Mandalgar h	2/43 Chobushil	30	210000	-	-
					Total	67	469000		
Protection of Plantations & Forests									
Construction of Boundary Pillars									
Construction of Boundary Pillars									
	Reconstruct/maintenance of Boundary pillars	Manali	Palchan	Kangni	2/1 Kangni	9	28800	-	-
	Reconstruct/maintenance of Boundary pillars	Manali	Manali	Manali	2/7 Kaniyal Gahar	10	32000	-	-
	Reconstruct/maintenance of Boundary pillars	Naggar	Naggar	Nathan	1/21 Lower Sheshni	6	31200	-	-
	Reconstruct/maintenance of Boundary pillars	Naggar	Naggar	Nathan	1/21 Lower Sheshni	18	57600	-	-
	Reconstruct/maintenance of Boundary pillars	Naggar	Naggar	Nathan	1/23 Ledichallon	6	19200	-	-
	Reconstruct/maintenance of Boundary pillars	Naggar	Naggar	Nathan	1/24 Ledichallon	7	36400	-	-
					Total	56	205200		
Rehabilitation of Encroachment Cleared Areas									
Rehabilitation of Encroachment Cleared Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	4th year maint.	Manali	Vashishat	Vashishat	J-III	0.6643	1594.32	-	-
	4th year maint.	Manali	Vashishat	Prini	J-III	1.0671	2561.04	-	-
	4th year maint	Manali	Palchan	Shanag	M-III	1.4656	3517.44	-	-
	5th year maint	Manali	Manali	Manali	M-III	2.4121	5789.04	-	-
	5th year maint	Manali	Manali	Shaleen	M-III	2.499	5997.6	-	-
	5th year maint	Manali	Manali	Goshal	M-III	1.506	3614.4	-	-
	5th year maint.	Manali	Palchan	Shanag	M-III	2.5083	6019.92	-	-
	5th year maint.	Manali	Kothi	Mathivan	M-III	0.804	1929	-	-
	5th year maint.	Manali	Vashishat	Vashishat	J-III	1.856	4454	-	-
	5th year maint	Manali	Vashishat	Prini	J-III	2.63	6312	-	-
					Total	17.4124	41788.76		
			Total			17.4124	41788.76		

Forest Fire Prevention and Control Operations

Forest Fire Prevention and Control Activities

Forest Fire Prevention and Control Activities

	Fire watchers	Manali	Kothi-Palchan	Shanag, palchan, Kothi, Mathivan,	2/2 , 2/10,2/11, 2/12	900	270000	-	-
	Fire watchers	Bhutti	Tarapur-Rujag	Bharai,Kais dhar, Bhumteer, Dughilag, tarapur, Shalang, mashana, Choparsa & Tiun	1/38 , 1/37, 1/36, M-III, D-III, T-III,Cho-III,2/54,2/57 , 2/52 & 2/51	800	240000	-	-
	Fire Watchers	Kullu	Kullu-Kais	Sari, Maharaja, Bijlimahad ev, Borsu, tandla ,	Sari-III, M-III, 1/32 , 1/31 ,1/29 , K-III,R-III, 1/26 & 2/47	960	288000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
				gahar , raison , Beasar					
	Fire Watchers	Patlikuhhal	Katrain- Fozal	Patlikuhhal, Fozal , mandalgarh , neri , baragarh, Pankot	BG-III, MG-III,H- III,	1200	360000	-	-
	Fire Watchers	Naggar	Naggar- Hallan	Naggar- Nathan,- Jana- Hallan & Barsai-III	1/19, 1/20 , N-III, 2/25 , 2/27 , 2/23 Barsaio-III	1180	354000	-	-
	Control burning	Manali	Manali- Kothi- Palchan- Vashishat	Shaleen , Manali- Prini- Vashishat- Shanag- Palchan- Kothi- Mathivan	2/8 Shaleen	300	150000	-	-
	Control Burning	Naggar	Naggar- Hallan	Naggar- Nathan,- Jana- Hallan & Barsai-III	1/19, 1/20 , N-III, 2/25 , 2/27 , 2/23 Barsaio-III	500	250000	-	-
	Control burning	Patlikuhhal	Katrain- Fozal	Patlikuhhal, Fozal , mandalgarh , neri , baragarh, Pankot	Patlikuhhal, Fozal , mandalgarh, neri , baragarh, Pankot beat	400	200000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Control burning	Bhutti	Tarapur-Rujag	Bharai,Kaisdhar, Bhumteer, Dughilag, tarapur, Shalang, mashana, Choparsa & Tiun	Bharai,Kaisdhar, Bhumteer, Dughilag, tarapur, Shalang, mashana, Choparsa & Tiun	300	150000	-	-
	Control burning	Kullu	Kullu	Kullu-Kais	Sari-III, M-III, 1/32 , 1/31 ,1/29 , K-III,R-III, 1/26 & 2/47	400	200000	-	-
	Creation of new fire line	Manali	Palchan	Shanag	DPF Burua Phat	1	100000	-	-
	Creation of new fire line	Manali	Vashishat	Aleo	1/5 Rahni to 2/16 Upper Rahani	1	100000	-	-
	Maint. of Fire line	Manali	Manali	Shaleen	2/8 Shaleen	1	100000	-	-
			Total		Total	6943	2762000		

Soil and Moisture Conservation Works

Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings

Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings

	C/o Rain water harvesting structure over gang Hut ,Solang	Manali	Palchan	Kangni	Gang Hut Solang	1	250000	-	-
	C/o Rain water harvesting structure over FRH Hermitage	Kullu	Kullu	Maharaja	FRH Hermitage	1	250000	-	-
	C/o Rain water harvesting structure over CF Residence	Kullu	Kullu	Maharaja	CF Residence	1	250000	-	-
	C/o Rain water harvesting structure over DFO Residence	Kullu	Kullu	Maharaja	DFO Residance	1	250000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	4	1000000		
			Total			4	1000000		
Development and Maintenance of Natural Springs in Forest Areas									
Development and Maintenance of Natural Springs in Forest Areas									
	Development of Natural Springs in Forest Areas	Manali	Kothi	Kothi	M-III Tungu More	1	150000	-	-
	Development of Natural Springs in Forest Areas	Bhutti	Tarapur	Tarapur	Tarapur-III	1	99000	-	-
	Development of Natural Springs in Forest Areas	Bhutti	Tarapur	Bharai	Maharaja-III	1	99000	-	-
					Total	3	348000		
			Total			3	348000		
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Integrated Development of Micro Watersheds and Catchments									
Integrated Development of Micro Watersheds and Catchments									
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	Construction of crate wall/check wall , check Dam & R/walls etc	Naggar	Naggar	Naggar	N-III	20	180000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Manali	Palchan	Kangni	2/1 C-V	20	180000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Manali	Palchan	Palchan	2/9 C-IIIb	25	225000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Manali	Manali	Goshal	2/4 C-I	35	315000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Manali	Manali	Shaleen	1/2 C-II	30	270000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Construction of crate wall/check wall , check Dam & R/walls etc	Manali	Manali	Shaleen	1/3 C-II	25	225000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Manali	Manali	Manali	1/1C-II	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Manali	Palchan	Kangni	2/1 C-IIIB	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Manali	Palchan	Kangni	2/1 C-Vb	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Manali	Kothi	Kothi	2/11 C-Ia	40	360000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Manali	Vashishat	Aleo	1/5 C-I	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Manali	Vashishat	Aleo	2/16 Upper Rahani	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Manali	Rujag	Tiun	Rai-ra-thach	35	315000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Bhutti	Rujag	Choparsa	Gong Nalla Site-I	25	225000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Bhutti	Tarapur	Bhumteer	Suma Nursery site-1	25	225000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Bhutti	Tarapur	Bhumteer	Dehra Nala Site-2	40	360000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Construction of crate wall/check wall , check Dam & R/walls etc	Bhutti	Rujag	Tiun	Samana nalla site-2	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Bhutti	Tarapur	Bhumteer	Suma Nursery site-2	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Patlikuhal	Katrain	Pankot	Banon Nala	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Patlikuhal	Katrain	Patlikuhal	Rainkhru	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Patlikuhal	Katrain	Patlikuhal	Jatehar Bihal	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Patlikuhal	Katrain	Baragarh	17 Mile	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Patlikuhal	Fozal	Neri	H-III	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Patlikuhal	Fozal	Mandalgarh	Dobhi Bihal	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Patlikuhal	Fozal	Mandalgarh	Grahan	35	315000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Patlikuhal	Fozal	Mandalgarh	MG-III	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Kullu	Raison	Raison	maling Nala site-I	30	270000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Construction of crate wall/check wall , check Dam & R/walls etc	Kullu	Raison	Beasar	Balka Nala	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Kullu	Raison	Beasar	Mapak Nala	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Kullu	Raison	Beasar	Gadehar Nalla	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Kullu	Kullu	Sari	Rani Nagr uppper side	30	270000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Kullu	Kullu	Sari	Sari Nala	40	360000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Kullu	Kais	Borsu	Ruogi Nalla	40	360000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Nagggar	Nagggar	Nagggar	Mashada Nala N-III	15	135000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Nagggar	Nagggar	Nagggar	Jhansu Khaned N-III	15	135000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Nagggar	Nagggar	Rumsu	Rupaj land sluide Component No.1	15	135000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Nagggar	Nagggar	Rumsu	Rupaj land slide Component No.2	20	180000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Nagggar	Nagggar	Nagggar	Notaur Bihal	20	180000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Construction of crate wall/check wall , check Dam & R/walls etc	Naggar	Naggar	Naggar	Pulagor land slide	10	90000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Naggar	Khakhnal	Khakhnal	Knoj Nalla	10	90000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Naggar	Khakhnal	Khakhnal	Dundhi Nalla	10	90000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Naggar	Khakhnal	Sajla	Gharat nalla	10	90000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Naggar	Khakhnal	Sajla	Shangti Land slide	10	90000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Naggar	Khakhnal	Jagatsukh	Jogni Nalla	10	90000	-	-
	Construction of crate wall/check wall , check Dam & R/walls etc	Naggar	Hallan	Batahar	Chhaki Bihal	20	180000	-	-
					Total	1170	10530000		
			Total			1170	10530000		
Development of Degraded Forest Areas									
Development of Degraded Forest Areas									
	Development of Beas Bihal	Manali	Manali	Goshal	Beas Bihal	1	2000000	-	-
	Development of Gulaba forests	Manali	Kothi	Kothi	Gulaba Park	1	1000000	-	-
	Development of degraded forest land jagatsukh	Naggar	Khakhnal	Jagatsukh	J-III	1	1000000	-	-
					Total	3	4000000		
			Total			3	4000000		
Forest Infrastructure Development									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	Construction of Fgd Hut at Mandalgarh	Patlikuhal	Fozal	Mandalgarh	Construction of FGD hut at Mandalgarh	1	1300000	-	-
					Total	1	1300000		
				Total		1	1300000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Maintenance of B/Path from Kullu to Kaisdhar	Bhutti	Tarapur	Bharai	Bharai beat	1	100000	-	-
	Maintenance of B/Path from kaisdhar to Shilong	Bhutti	Tarapur	Kaisdhar-Tarapur	Kaisdhar to Shilong	1	100000	-	-
	Construction of Path from H-III (Roadside) to Hamshu	Patlikuhal	Fozal	Fozal	from H-III (Roadside) to Hamshu	1	250000	-	-
	C/o Inspection Path from Shilla to Grath Nalla	Patlikuhal	Katrain	Patlikuhal	Shilla to Grath Nalla	1	500000	-	-
	Construction of B/Path from Chachoga village Pota aage	Kullu	Kais	Tandla	Chachoga village Pota aage	1	200000	-	-
	Construction of B/Path from Gobha (Sharan) to Chhaanmanat	Kullu	Kais	Bijlimahadev	Gobha (Sharan) to Chhaanmanat	1	200000	-	-
	construction of B/path from Kota agge to manihdhar	Kullu	Kais	Gahar	Kota agge to manihdhar	1	250000	-	-
	Repair of Path from Kartik Swami Temple to Milanpani	Nagggar	Nagggar	Nathan	Kartik Swami Temple to Milanpani	1	300000	-	-
	Maint of path from Range office to Tilasherni	Nagggar	Nagggar	Nagggar	Range office to Tilasherni	1	180000	-	-
	Maint. of Path from Sajla to Karjan Nalla	Nagggar	Khakhnal	Sajla	Sajla to Karjan Nalla	1	180000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Construction of B/Path from Khakhnal to 2/20 jamudugh	Naggarr	Khakhnal	Khakhnal	Khakhnal to 2/20 jamudugh	1	200000	-	-
					Total	11	2460000		
			Total			11	2460000		
				Grand Total			25722713.8		
Name of Division - Lahaul									
Protection of Plantations & Forests									
Rehabilitation of Encroachment Cleared Areas									
Rehabilitation of Encroachment Cleared Areas									
	2nd year Maintenance of Old plantation under NPV at Sumdo	Keylong	Bhaga	Jispa	Sumdo	40	1068000	0	0
	3rd year Maintenance of Old plantation under NPV at Kokhsar-III at Chattru	Keylong	Chandra	Kokhsar	Kokhsar-III at Chattru	2.56	45000	0	0
	3rd year Maintenance of Old plantation under NPV at UPF Gramphu-IV	Keylong	Chandra	Kokhsar	UPF Gramphu-IV	1.86	30000	0	0
					Total	44.42	1143000		
				Total		44.42	1143000		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	Fire watcher for For Sessions	Tindi	Tindi	Bhujund	Gharel	15	225000	32 45 05	76 26 32
	Fire watcher for For Sessions	Tindi	Tindi	Tindi	Tindi	10	150000	32 44 13	76 27 42
	Fire watcher for For Sessions	Tindi	Salgran	Kurchad	Kurchade	4	60000	32 45 55	76 31 33
	Fire watcher for For Sessoins	Tindi	Salgran	Salgran	Salgran	7	105000	32 45 10	76 32 11
	Fire watcher for For Sessions	Udaipur	Udaipur	Madgra	Madgran	2	30000	0	0
	Fire watcher for For Sessions	Udaipur	Udaipur	Udaipur	Udaipur	7	105000	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Fire / wild life & MFP Protection watcher	Udaipur	Udaipur	Salpat	Salpat	6	90000	0	0
	Fire / wild life & MFP Protection watcher	Udaipur	Triloknath	Bardang	Bardang	4	60000	0	0
	Fire / wild life & MFP Protection watcher	Udaipur	Triloknath	Triloknath	Triloknath	5	75000	0	0
	Fire / wild life & MFP Protection watcher	Udaipur	Triloknath	Jholing	Jholing	5	75000	0	0
	Fire / wild life & MFP Protection watcher	Udaipur	Triloknath	Sindwari	Sindwari	4	60000	0	0
	Fire / wild life & MFP Protection watcher	Udaipur	Miyar	Urgoss	Urgoss	3	45000	0	0
	Fire / wild life & MFP Protection watcher	Udaipur	Miyar	Karpat	Karpat	3	45000	0	0
	Fire / wild life & MFP Protection watcher	Udaipur	Miyar	Chimret	Chimret	3	45000	0	0
	Fire / wild life & MFP Protection watcher	Pattan	L/Pattan	Chokhang	Chokhang	4	60000	32 42 54.8	76 50 35.0
	Fire / wild life & MFP Protection watcher	Pattan	L/Pattan	Mooring	Mooring	4	60000	32 39 53.5	76 47 37.2
	Fire / wild life & MFP Protection watcher	Pattan	L/Pattan	Jahalman	Jahalman	3	45000	0	0
	Fire / wild life & MFP Protection watcher	Pattan	L/Pattan	Jobrang	Jobrang	4	60000	0	0
	Fire / wild life & MFP Protection watcher	Pattan	U/Pattan	Mooling	Mooling	4	60000	32 30 12	76 59 13
	Fire / wild life & MFP Protection watcher	Pattan	U/Pattan	Tandi	Tandi	2	30000	32 32 35	76 58 50
	Fire / wild life & MFP Protection watcher	Pattan	U/Pattan	Shansha	Shansha	2	30000	0	0
	Fire / wild life & MFP Protection watcher	Keylong	Chandra	Koksar	Koksar	2	30000	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Fire / wild life & MFP Protection watcher	Keylong	Chandra	Sissu	Sissu	2	30000	0	0
	Fire / wild life & MFP Protection watcher	Keylong	Chandra	Gondhla	Gondhla	2	30000	0	0
	Fire / wild life & MFP Protection watcher	Keylong	Bhaga	Kardang	Kardang	2	30000	0	0
	Fire / wild life & MFP Protection watcher	Keylong	Bhaga	Keylong	Keylong	3	45000	0	0
	Fire / wild life & MFP Protection watcher	Keylong	Bhaga	Stingri	Stingri	3	45000	0	0
	Fire / wild life & MFP Protection watcher	Keylong	Bhaga	Kwaring	Kwaring	2	30000	0	0
	Fire / wild life & MFP Protection watcher	Keylong	Bhaga	Jispa	Jispa	3	45000	0	0
					Total	120	1800000		
						120	1800000		

Soil and Moisture Conservation Works

Soil Conservation Works in Forest Areas

Soil Conservation Works in Forest Areas

	Construction of c/wall for snow avalanche & soil conservation etc	Tindi	Salgran	Salgran	Kala Dhank Harsar	15	375000	32.717128	76.499542
	Construction of c/wall for snow avalanche & soil conservation etc.	Udaipur	Miyar	Urgose	Chaling	20	500000	32 51 24	76 48 47
	Construction of c/wall for snow avalanche & soil conservation etc.	Udaipur	Miyar	Urgose	Khanjar	20	500000	32 51 44	76 51 38
	Construction of c/wall for snow avalanche & soil conservation etc.	Udaipur	Udaipur	Salpat	RF Salkot	15	375000	32 47 27	76 38 24



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Construction of c/wall for snow avalanche & soil conservation etc.	Udaipur	T/Nath	Jholing	DP{F Jholing	15	375000	32 39 35	76 46 15
	Construction of c/wall for snow avalanche & soil conservation etc.	Udaipur	Miyar	Chimret	Balgot	15	375000	32 47 43	76 43 57
	Construction of c/wall for snow avalanche & soil conservation etc.	Udaipur	Miyar	Chimret	Sheling	15	375000	32 42 51	76 43 47
	Construction of c/wall for snow avalanche & soil conservation etc.	Udaipur	Miyar	Karpat	Karpat	15	375000	32 49 32	76 45 15
	C/o Check Wall at DP 11 Keylong	Keylong	Bhaga	Keylong	DP 11 Keylong	20	200000	0	0
	C/o Check Wall at Dangra	Keylong	BhaGA	Keylogn	Dangra	20	200000	0	0
	C/o Check Wall at Shitinaala	Keylong	Bhaga	Kwaring	Shitinaala	10	100000	0	0
	C/o Check Wall at Rarik	Keylong	Bhaga	Jispa	Rarik	20	200000	0	0
	C/o Check Wall at Jira Thach	Keylong	Chandra	Gondhla	Jira Thach	20	200000	0	0
	C/o Check Wall at Chheling	Keylong	Chandra	Kardang q	Chhelling	35	350000	0	0
	C/o Check Wall at Gwazang	Keylong	Chandra	Kardang	Gwazang	15	150000	0	0
	C/o Check Wall at Chilthang	Keylong	Chandra	Sissu	Chilthang	20	200000	0	0
	C/o C/ Wall	Pattan	U/Pattan	Shansha	Bram Nalla	10	200000	32 37 33.5	76 52 31.5
	C/o C/ Wall	Pattan	U/Pattan	Tandi	Tandi	10	200000	32 33 12	76 59 12
	C/o C/ Wall	Pattan	L/Pattan	Mooring	Kamring Nalla	15	300000	32 39 27.1	76 48 24
	C/o C/ Wall	Pattan	L/Pattan	Jhalman	Lindor-II	15	300000	32 64 033	76 88 92
					Total	340	5850000		
						340	5850000		

Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals

Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
	Construction of Animal Rescue Center	Tindi	Tindi	Bhujund	Lohani	1	990000	32 45 00	76 28 02
	Construction of Animal Rescue Center	Udaipur	Udaipur	Udaipur	Forest Colony Udaipur	1	990000	32 43 25	76 40 02
	Construction of Animal Rescue Center	Pattan	L/Pattan	Jhalman	Jhalman	1	990000	0	0
	Construction of Animal Rescue Center	Keylong	Bhaga	Keylong	Keylong	1	990000	0	0
				Total		4	3960000		
				Total		4	3960000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	Construction of Stone Boundary wall with interlink chain fencing of Jispa Nursery	Keylong	Chandra	Jispa	Jispa Nursery	1	990000	0	0
				Total		1	990000		
				Total		1	990000		
Information Technology and Communication									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
	purchase of Tripod	Keylong	Bhaga	Keylong	Keylong	1	5000	0	0
				Total		1	5000		
				Total		1	5000		
Forest Infrastructure Development									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Maintenance of C/dar Qtr at Gemur Depot	Keylong	Chandra	Jispa	Gemur	1	200000	0	0
	Maintenance of I/path Keyong	Keylong	Bhaga	Keylong	Keylong	4.93	100000	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maintenance of I/Path DPF Pangrang	Keylong	Bhaga	Kwaring	Pangrang	3.62 Km	100000	0	0
	C/o of B/path	Tindi	Tindi	Bhujund	Karakun GREF Camp to Karakun Nalla	1	300000	32 48 35	76 25 46
	Preparation of temporary fire Line	Tindi	Tindi	Tindi	Rf Kain, DPF Kain, DPF Taintu, DPF Bror,Rf Briknei & DPF Briknei	10	200000	32 44 45	76 27 08
	Preparation of temporary fire Line	Tindi	Salgran	Salgran	RF Romans,DPF Salgran, Thanwani, Sehroon,Hadsar	12	240000	32 45 08	76 32 10
	Preparation of temporary fire Line	Tindi	Salgran	Kurched	RF Dhandal& DPF Kurchedl	4	80000	32 45 56	76 31 31
	Maintenance of Path	Pattan	U/Pattan	Tandi	Toochiling to Guru Ghantal	1	150000	32 32 44	76 58 46
	Maint. of Path	Pattan	U/Pattan	Tandi	Sumthore to Kelling Temple	1	200000	32 37 37	76 55 09
					Total	38.55	1570000		
				Total		38.55	1570000		
				Grand Total			15318000		
Name of Circle -Chamba									
Name of Division - Dalhousie									
Assisted Natural Regeneration									
Artificial Regeneration									
Maintenance of Planting in Lantana Cleared Areas									
Maintenance of Plantation with 500 Tall Plants model									
3rd Maintenance - 500 Tall Plants model									
	3rd Maintenance-500 Tall Plants model	Chowari	Raipur	Saloh	Kaimbly	5	6160	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	4th Maintenance-500 Tall Plants model	Chowari	Chowari	Lower Chowari	DPF Mandhour Naag	20	24640	0	0
					Total	25	30800		
Maintenance of Plantation with 200 Tall Plants model									
3rd Maintenance - 200 Tall Plants model									
	4th Maintenance-200 Tall Plants model	Chowari	Chowari	Lower Chowari	DPF Mandhour Naag	8	4752	0	0
					Total	8	4752		
Maintenance of Plantation with 500 Normal Plants model									
3rd Maintenance - 500 Normal Plants model									
	3rd Maintenance-500 Tall Plants model	Chowari	Raipur	Saloh	Kaimbly	5	6160	0	0
					Total	5	6160		
				Total		38	41712		
Maintenance of Plantation done under 800 Normal Plants model									
5th Maintenance - 800 Normal Plants model									
	5th Maintenance-800 Normal Plants model	Chowari	Manhuta	Manhuta	Samu	15	29700	0	0
	5th Maintenance-800 Normal Plants model	Bakloh	Mamul	Baila	Bai da Baag	5	9900	0	0
	5th Maintenance-800 Normal Plants model	Dalhousie	Drada	Chil bangla	Chamdoli	5	9900	0	0
					Total	25	49500		
				Total		25	49500		
Protection of Plantations & Forests									
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
	Clearing of Areas Infested upto 25%	Bhattiyat	Tundi	Morthu	Morthu DPF-II	5	86075	32'17'267"	076'02'606"
	Clearing of Areas Infested upto 25%	Chowari	Chowari	Lower Chowari	Mandrihaar	5	86075	32'24'51.89"	076'01'45.63"
					Total	10	172150		
Clearing of Areas Infested upto 50%									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Clearing of Areas Infested upto 50%	Bhattiyat	Sihunta	Sihunta	Changled DPF	5	138050	32'17'36.48"	076'04'34.98"
	Clearing of Areas Infested upto 50%	Bakloh	Mamul	Kahri	Khopru DPF	10	350000	32'29'06"	076'00'38"
	Clearing of Areas Infested upto 50%	Dalhousie	Dradha	Dradha	Chahla -II DPF	7	193270	32'35'13.80"	076'01'15.42"
	Clearing of Areas Infested upto 50%	Dalhousie	Surkhigalla	Sherpur	Chouda DPF	5	138050	32'35'52.48"	075'58'48.26"
	Clearing of Areas Infested upto 50%	Chowari	Raipur	Saloh	Kaimbly	5	138050	32'25'05.78"	075;58;49.07"
	Clearing of Areas Infested upto 50%	Chowari	Manhuta	Hathidhar	Khadet C-I DPF	8	220880	32'20'57.57"	076'01'03.76"
					Total	40	1178300		
Clearing of Areas Infested upto 75%									
	Clearing of Areas Infested upto 75%	Bhattiyat	Golla	Golla	Samehi	5	173882.5	32'16'44.5"	076'10'61.9"
	Clearing of Areas Infested upto 75%	Bakloh	Mamul	Mamul	Kuntla	7	243435.5	32'29'08.4"	075'56'50.6"
	Clearing of Areas Infested upto 75%	Dalhousie	Surkhigalla	Banikhet	Baderu C-I DPF	5	173882.5	32'32'00"	075'56'02"
	Clearing of Areas Infested upto 75%	Chowari	Chowari	Lower Chowari	Kulera DPF	5	173882.5	32'25'23.01"	075'58'49.82"
	Clearing of Areas Infested upto 75%	Chowari	Chowari	Lahroo	Parwat-III DPF	5	173882.5	32'24'32.33"	076'58'49.82"
					Total	27	938965.5		
Clearing of Areas Infested upto 100%									
	Clearing of Areas Infested upto 100%	Bhattiyat	Tundi	Tundi	Ralgotta UPF	10	419430	32'20'99.5"	076'05'05.1"
	Clearing of Areas Infested upto 100%	Bakloh	Mail	Kandei	Samleu -III DPF	5	209715	32'30'43"	075'53'11"
	Clearing of Areas Infested upto 100%	Dalhousie	Surkhigalla	Megzeen	Baily DPF	5	209715	32'30'45.69"	075'55'40.27"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Clearing of Areas Infested upto 100%	Dalhousie	Surkhigalla	Nagali	Majhdhar DPF	5	209715	32'28'249"	075'55'468"
					Total	25	1048575		
			Total			102	3337990.5		
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									
	2nd year activity 1st Maint.of 25% infested areas	Chowari	Kainthly	Awan	Padi DPF	10	46310	0	0
					Total	10	46310		
2nd Year Activity-1st Maint. / 50% Infested Areas									
	2nd year activity 1st Maint.of 50% infested areas	Chowari	Raipur	Saloh	Sarna DPF	15	99165	0	0
					Total	15	99165		
2nd Year Activity-1st Maint. / 75% Infested Areas									
	2nd year activity 1st Maint.of 75% infested areas	Bhattiyat	Sihunta	Suhar	Diannaaf	10	76010	0	0
					Total	10	76010		
2nd Year Activity-1st Maint. / 100% Infested Areas									
	2nd year activity 1st Maint.of 100% infested areas	Bakloh	Mail	Mail	Mail No III	10	76010	0	0
	2nd year activity 1st Maint.of 100% infested areas	Dalhousie	Surkhigalla	Banikhet	Baderu C-II	10	76010	0	0
					Total	20	152020		
3rd Year Activity-2nd Maint. / 25% Infested Areas									
	3rd year activity 2nd Maint.of 25% infested areas	Chowari	Raipur	Lower Chakki	Bailla DPF	10	18645	0	0
					Total	10	18645		
3rd Year Activity-2nd Maint. / 50% Infested Areas									
	3rd year activity 2nd Maint.of 50% infested areas	Bakloh	Mail	Kandai	Buhana No I DPF	10	33495	0	0
	3rd year activity 2nd Maint.of 50% infested areas	Dalhousie	Chaned	Bhanouta	Salig Tikkar DPF C-III	10	33495	0	0
					Total	20	66990		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	3rd year activity 2nd Maint.of 75% infested areas	Bhattiyat	Sihunta	Sihunta	Trangra DPF	15	70042.5	0	0
	4th year activity 3rd Maint.of 75% infested areas	Bakloh	Mail	Kandai	SamlehuNo3	20	93390	0	0
					Total	35	163432.5		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
	3rd year activity 2nd Maint.of 100% infested areas	Bhattiyat	Tundi	Tundi	Devi da marh DPF	10	46695	0	0
	3rd year activity 2nd Maint.of 100% infested areas	Chowari	Chowari	Lahru	Trimath DPF	5	23347.5	0	0
					Total	15	70042.5		
4th Year Activity-3rd Maint. / 25% Infested Areas									
	4th year activity 3rd Maint.of 25% infested areas	Bakloh	Mamul	Balera	Kehlu	20	37290	0	0
	4th year activity 3rd Maint.of 25% infested areas	Dalhousie	Chaned	Singi	Milha DPF	24.8	46239.6	0	0
	4th year activity 3rd Maint.of 25% infested areas	Chowari	Manhuta	Parsiyara	Juhar Draman DPF c-II	6	11187	0	0
					Total	50.8	94716.6		
4th Year Activity-3rd Maint. / 50% Infested Areas									
	4th year activity 3rd Maint.of 50% infested areas	Bakloh	Mamul	Mamul	Mamul RF	5	16747.5	0	0
	4th year activity 3rd Maint.of 50% infested areas	Bakloh	Nainikhad	Tunuhatti	Tunuhatti	10	33495	0	0
	4th year activity 3rd Maint.of 50% infested areas	Bakloh	Nainikhad	Katori	Samtar	10	33495	0	0
	4th year activity 3rd Maint.of 50% infested areas	Bakloh	Mail	Sandhara	Chambi	20	66990	0	0
	4th year activity 3rd Maint.of 50% infested areas	Dalhousie	Surkhigalla	Magzeen	Lahar C-I DPF	10	33495	0	0
	4th year activity 3rd Maint.of 50% infested areas	Dalhousie	Surkhigalla	Banikheth	Baderu CI DPF	5	16747.5	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	4th year activity 3rd Maint.of 50% infested areas	Dalhousie	Chaned	Udaipur	Chma DPF	15	50242.5	0	0
	4th year activity 3rd Maint.of 50% infested areas	Dalhousie	Chaned	Udaipur	Udaipur DPF	25	83737.5	0	0
	4th year activity 3rd Maint.of 50% infested areas	Dalhousie	Drada	Drada	Saru No-2DPF	5	16747.5	0	0
	4th year activity 3rd Maint.of 50% infested areas	Dalhousie	Chaned	Singi	Singi DPF	10	33495	0	0
	4th year activity 3rd Maint.of 50% infested areas	Dalhousie	Dalhousie	Bathri	Ranikot DPF	3	10048.5	0	0
	4th year activity 3rd Maint.of 50% infested areas	Bhattiyat	Sihunta	Sihunta	Sarola DPF	5	16747.5	0	0
	4th year activity 3rd Maint.of 50% infested areas	Chowari	Chowari	Lahru	Lanoh UPf	7	23446.5	0	0
	4th year activity 3rd Maint.of 50% infested areas	Chowari	Chowari	Lahru	Trimath UPF	15	50242.5	0	0
	4th year activity 3rd Maint.of 50% infested areas	Chowari	Raipur	Lower Chakki	Aru Da Pher C-II	5	16747.5	0	0
	4th year activity 3rd Maint.of 50% infested areas	Chowari	Raipur	Saloh	Sarna DPf	35	117232.5	0	0
	4th year activity 3rd Maint.of 50% infested areas	Chowari	Kainthly	Awan	Sail DPF	15	50242.5	0	0
					Total	200	669900		
4th Year Activity-3rd Maint. / 75% Infested Areas									
	4th year activity 3rd Maint.of 75% infested areas	Bakloh	Mamul	Mamul	Tarmain	10	33495	0	0
	4th year activity 3rd Maint.of 75% infested areas	Bakloh	Mamul	Balera	Balera No III	15	70042.5	0	0
	4th year activity 3rd Maint.of 75% infested areas	Bakloh	Mamul	Hobar	Saloga	5	23347.5	0	0
	4th year activity 3rd Maint.of 75% infested areas	Bakloh	Nainikhad	Kakira	Bhekar	20	93390	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	4th year activity 3rd Maint.of 75% infested areas	Dalhousie	Surkhigalla	Banikhet	Bassa No I DPF	5	23347.5	0	0
	4th year activity 3rd Maint.of 75% infested areas	Dalhousie	Surkhigalla	Nagali	Nagali DPF	10	46695	0	0
	4th year activity 3rd Maint.of 75% infested areas	Dalhousie	Drada	Drada	Gunu DPF	10	46695	0	0
	4th year activity 3rd Maint.of 75% infested areas	Dalhousie	Chaned	Bhanouta	Basana DPF	10	46695	0	0
	4th year activity 3rd Maint.of 75% infested areas	Dalhousie	Dalhousie	Bathri	Chelli DPF	3	14008.5	0	0
	4th year activity 3rd Maint.of 75% infested areas	Dalhousie	Dalhousie	Bathri	Khadander C-I-DPF	5	23347.5	0	0
	4th year activity 3rd Maint.of 75% infested areas	Bhattiyat	Tundi	Tundi	Chhow DPF c-II	22	102729	0	0
	4th year activity 3rd Maint.of 75% infested areas	Bhattiyat	Tundi	Tundi	Chhow DPF c-III	17	79381.5	0	0
	4th year activity 3rd Maint.of 75% infested areas	Bhattiyat	Sihunta	Sihunta	TratiyanDPF	10	46695	0	0
	4th year activity 3rd Maint.of 75% infested areas	Bhattiyat	Sihunta	Sihunta	Budhiban DPF	15	70042.5	0	0
	4th year activity 3rd Maint.of 75% infested areas	Bhattiyat	Sihunta	Suhar	Dian Naag DPF	20	93390	0	0
	4th year activity 3rd Maint.of 75% infested areas	Bhattiyat	Golla	Golla	Samehi DPF	10	46695	0	0
	4th year activity 3rd Maint.of 75% infested areas	Bhattiyat	Golla	Hatli	Balana	3	14008.5	0	0
	4th year activity 3rd Maint.of 75% infested areas	Bhattiyat	Golla	Kakroti	Thulel DPF No I	7	32686.5	0	0
	4th year activity 3rd Maint.of 75% infested areas	Bhattiyat	Golla	Kakroti	Banoli DPF	5	23347.5	0	0
	4th year activity 3rd Maint.of 75% infested areas	Chowari	Manhuta	Manhuta	Godra DPF C-I	14	65373	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	4th year activity 3rd Maint.of 75% infested areas	Chowari	Manhuta	Hathi Dhar	Drumma c-III	10	46695	0	0
	4th year activity 3rd Maint.of 75% infested areas	Chowari	Raipur	Lower Chakki	Pukhar Parsiyara	22	102729	0	0
	4th year activity 3rd Maint.of 75% infested areas	Chowari	Raipur	Raipur	Marari	10	46695	0	0
					Total	258	1191531		
4th Year Activity-3rd Maint. / 100% Infested Areas									
	4th year activity 3rd Maint.of 100% infested areas	Bhattiyat	Sihunta	Sihunta	Changled DPF	5	23347.5	0	0
	4th year activity 3rd Maint.of 100% infested areas	Bhattiyat	Tundi	Tundi	Chili da Drabbar DPF	17	79381.5	0	0
	4th year activity 3rd Maint.of 100% infested areas	Bhattiyat	Tundi	Morthu	Banet No I DPF	20	93390	0	0
	4th year activity 3rd Maint.of 100% infested areas	Dalhousie	Chaned	Singi	Daroga DPF	5	23347.5	0	0
	4th year activity 3rd Maint.of 100% infested areas	Chowari	Manhuta	Manhuta	Godhra DPF C-II	20	93390	0	0
	4th year activity 3rd Maint.of 100% infested areas	Chowari	Manhuta	Hathidhar	Hathidhar DPF C-II	5	23347.5	0	0
	4th year activity 3rd Maint.of 100% infested areas	Chowari	Kainthly	Kharadanda	Tirri Tappa DPF	20	93390	0	0
					Total	92	429594		
					Total	735.8	3078356.6		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	Engagement of fire watchers during 2022 fire season	0	0	0	In Dalhousie Forest Division	2250	675000	0	0
	Hiring of vehicle for patrolling in sensitive Beats	0	0	0	In dalhousie Forest Division	L/S	200000	0	0
	Hiring of water Tank	0	0	0		0	100000	0	0
					Total	2250	975000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						2250	975000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Repair of B.Path from Bagdhar to Bhathatu	Dalhousie	Surkhigalla	Banikhet	Repair of B.Path from Bagdhar to Bhathatu	2.5 KM	150000	0	0
	Repair of B.path from Pukharigallu to Bariyata	Dalhousie	Surkhigalla	Surkhigalla	Repair of B.path from Pukharigallu to Bariyata	2KM	125000	0	0
	Repair of B.path from Chaned mor to Bhanouta	Dalhousie	Chaned	Bhanouta	Repair of B.path from Chaned mor to Bhanouta	1.5KM	125000	0	0
	Repair of forest road from 13 mile to kudera	Bakloh	Mamul	Mamul	Repair of forest road from 13 mile to kudera	1.520Km	100000	0	0
	Repair of B.path from Bariyan to Tara Basni mandit	Bakloh	Nainikhad	Kakira	Repair of B.path from Bariyan to Tara Basni mandit	3Km	175000	0	0
	Repair of B.path from Banet to Priyungal via Naagbintru	Chowari	Chowari	Lower Chowari	Repair of B.path from Banet to Priyungal via Naagbintru	5Km	200000	0	0
	Repair of B.path from Kiyoli to Makoli Khad	Bhattiyat	Sihunta	Sihunta	Repair of B.path from Kiyoli to Makoli Khad	5Km	200000	0	0
	Repair of B.path from Talla to Lahar	Bhattiyat	Tundi	Tundi	Repair of B.path from Talla to Lahar	5Km	200000	0	0
Total						25.52	1275000		
Total						25.52	1275000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Grand Total							8757559.1		
Name of Division - Chamba									
Protection of Plantations & Forests									
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									
2nd Year Activity-1st Maint. / 50% Infested Areas									
	Clearing of Infested Area	Lower Chamba	Chamba	Shamdhar	Chondi da Phat	7	46277	0	0
Total						7	46277		
2nd Year Activity-1st Maint. / 75% Infested Areas									
	Clearing of Infested Area	Lower Chamba	Silla	Baror	Kalyun DPF	10	76010	0	0
	Clearing of Infested Area	Lower Chamba	Chhabaru	Chhabaru	Bhania DPF	10	76010	0	0
	Clearing of Infested Area	Lower Chamba	Chamba	Shamdhar	Bedi DPF	5	38005	0	0
	Clearing of Infested Area	Upper Chamba	Bakani	Kalandra	Meh DPF	10	76010	0	0
	Clearing of Infested Area	Upper Chamba	Bakani	Mortu	Mehla DPF	10	76010	0	0
	Clearing of Infested Area	Masroond	Masroond	Dugli	Duglu DPF	10	76010	0	0
	Clearing of Infested Area	Masroond	Masroond	Dugli	Saprah DPF	10	76010	0	0
	Clearing of Infested Area	Masroond	Masroond	Dugli	Jajjar DPF	15	114015	0	0
	Clearing of Infested Area	Lower Chamba	Chhabaru	L/Jhumhar	Bharaini DPF	10	76010	0	0
	Clearing of Infested Area	Lower Chamba	Chhabaru	Bhalka	Thanan DPF	5	38005	0	0
	Clearing of Infested Area	Lower Chamba	Chamba	Karanger Rakh	Sach DPF	10	76010	0	0
	Clearing of Infested Area	Lower Chamba	Chamba	Sarodi	Draman DPF	10	76010	0	0
	Clearing of Infested Area	Masroond	Pukhri	Chaklu	Chaklu DPF	10	76010	0	0
	Clearing of Infested Area	Masroond	Pukhri	Ghargran	Jajjar DPF	5	38005	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Clearing of Infested Area	Masroond	Pukhri	Kiani	Dhurigatti DPF	5	38005	0	0
	Clearing of Infested Area	Upper Chamba	Bakani	Kalandra	Kuran DPF	15	114015	0	0
	Clearing of Infested Area	Upper Chamba	Bakani	Kalandra	Rakh DPF	10	76010	0	0
					Total	160	1216160		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
	Clearing of Infested Area	Upper Chamba	Bakani	Mortu	Mehla DPF	15	70042.5	0	0
					Total	15	70042.5		
4th Year Activity-3rd Maint. / 25% Infested Areas									
4th Year Activity-3rd Maint. / 50% Infested Areas									
	Clearing of Infested Area	Lower Chamba	Saho	Saho	Khalnera DPF	10	33495	0	0
	Clearing of Infested Area	Lower Chamba	Chamba	Gudda	Galhi	5	16747.5	0	0
	Clearing of Infested Area	Masroond	Pukhri	Kiani	Dhuragalu DPF	10	33495	0	0
	Clearing of Infested Area	Lower Chamba	Silla	Baror	Chambi	8	26796	0	0
	Clearing of Infested Area	Lower Chamba	Saho	Saho	Khalnera DPF	8	26796	0	0
	Clearing of Infested Area	Lower Chamba	Chamba	Karanger Rakh	Karanger Rakh DPF	5	16747.5	0	0
	Clearing of Infested Area	Lower Chamba	Chamba	Sarodi	Bari DPF	5	16747.5	0	0
	Clearing of Infested Area	Upper Chamba	Bakani	Kalandra	Meh DPF	5	16747.5	0	0
					Total	56	187572		
4th Year Activity-3rd Maint. / 75% Infested Areas									
	Clearing of Infested Area	Lower Chamba	Saho	Saho	Dehra DPF	5	23347.5	0	0
	Clearing of Infested Area	Lower Chamba	Chamba	Karanger Rakh	Sach DPF	10	46695	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Clearing of Infested Area	Lower Chamba	Chamba	L/Jhumhar	Bhujja DPF	5	23347.5	0	0
	Clearing of Infested Area	Lower Chamba	Chamba	Gudda	Dalgana DPF	5	23347.5	0	0
	Clearing of Infested Area	Masroond	Pukhri	Kiani	Dhurigatti DPF	10	46695	0	0
	Clearing of Infested Area	Masroond	Pukhri	Ghargran	Laddi DPF	5	23347.5	0	0
	Clearing of Infested Area	Masroond	Pukhri	Chaklu	Chaklu DPF	10	46695	0	0
	Clearing of Infested Area	Lower Chamba	Silla	Baror	Sungal DPF	5	23347.5	0	0
	Clearing of Infested Area	Masroond	Pukhri	Ghargran	Ailo DPF	5	23347.5	0	0
	Clearing of Infested Area	Masroond	Pukhri	Ghargran	Laddi DPF	5	23347.5	0	0
	Clearing of Infested Area	Upper Chamba	Bakani	Kalandra	Chamera DPF	5	23347.5	0	0
	Clearing of Infested Area	Upper Chamba	Bakani	Kalandra	Janghi DPF	5	23347.5	0	0
					Total	75	350212.5		
4th Year Activity-3rd Maint. / 100% Infested Areas									
	Clearing of Infested Area	Lower Chamba	Chamba	Shamdhar	Kot Sarla DPF	10	46695	0	0
	Clearing of Infested Area	Lower Chamba	Chamba	Karanger Rakh	Parel DPF	10	46695	0	0
	Clearing of Infested Area	Lower Chamba	Chhabaru	Bhalka	Mukleni DPF	10	46695	0	0
	Clearing of Infested Area	Masroond	Pukhri	Kiani	Rupani DPF	10	46695	0	0
	Clearing of Infested Area	Upper Chamba	Bakani	Mortu	Gohnana DPF	10	46695	0	0
	Clearing of Infested Area	Upper Chamba	Bakani	Mortu	Chalathara DPF	5	23347.5	0	0
	Clearing of Infested Area	Masroond	Pukhri	Kiani	Badoh DPF	10	46695	0	0
	Clearing of Infested Area	Lower Chamba	Chamba	Karanger Rakh	Parel DPF	4	18678	0	0
					Total	69	322195.5		
				Total		382	2192459.5		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Soil and Moisture Conservation Works									
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	S/C work in Forest Area	Upper Chamba	Bakani	Mortu	Mortu Nalla	10	100000	0	0
	S/C work in Forest Area	Upper Chamba	Bakani	Loa	Loa Nalla	15	150000	0	0
	S/C work in Forest Area	Upper Chamba	Kundi	Darkund	Kathwara Ghar	10	100000	0	0
	S/C work in Forest Area	Upper Chamba	Kundi	Kundi	Karnani Nalla	10	100000	0	0
	S/C work in Forest Area	Upper Chamba	Khundel	Almi	Ghutta Ghar	10	100000	0	0
	S/C work in Forest Area	Upper Chamba	Khundel	Lylh	Karuin	10	100000	0	0
	S/C work in Forest Area	Upper Chamba	Chhatradi	Trouni	Kaullu	10	100000	0	0
	S/C work in Forest Area	Masroond	Masroond	Masroond	Sapdah Nalla	10	100000	0	0
	S/C work in Forest Area	Masroond	Masroond	Dugli	Pelehi Nalla	10	100000	0	0
	S/C work in Forest Area	Masroond	Pukhri	Taryodi	Hamled Nalla	10	100000	0	0
	S/C work in Forest Area	Masroond	Pukhri	Chaklu	Ghatta Nalla	10	100000	0	0
	S/C work in Forest Area	Masroond	Chhatri	Chhatri	Kathwani Nalla	10	100000	0	0
	S/C work in Forest Area	Masroond	Chhatri	Kalhel	Jandrelreli Nalla	10	100000	0	0
	S/C work in Forest Area	Tikri	Jassor	Jassor	Mangalyani	10	100000	0	0
	S/C work in Forest Area	Tikri	Jassor	Deola	Deola Nalla	10	100000	0	0
	S/C work in Forest Area	Tikri	Jassor	Tikri	Bantundi Nalla	10	100000	0	0
	S/C work in Forest Area	Tikri	Chanju	Sundri	Shaktuni Nalla	10	100000	0	0
	S/C work in Forest Area	Tikri	Chanju	Dantuine	Tanged Nalla	10	100000	0	0
	S/C work in Forest Area	Tikri	Thalli	Bara	Haleda Nalla	10	100000	0	0
	S/C work in Forest Area	Tikri	Thalli	Kalwala	Kalwala Nalla	10	100000	0	0
	S/C work in Forest Area	Tikri	Thalli	Thall	Mandka Ghar	10	100000	0	0
	S/C work in Forest Area	Tikri	Thalli	Thalli	Behnota Nalla	10	100000	0	0
	S/C work in Forest Area	Tikri	Thalli	Bara	Kaheba Nalla	10	100000	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	235	2350000		
			Total			235	2350000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	C/o of water tank in Nursery	Tikri	Chanju	Bhaghei	Kund Nursery	1	400000	0	0
	C/o of water tank in Nursery	Tikri	Chanju	Chanju	Mehla Nursery	1	400000	0	0
					Total	2	800000		
			Total			2	800000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	Dev. & Maint. of other buildings	Lower Chamba	Chhabaru	Khada Danda	C/o Fgd Hut Khada Danda	1	1300000	0	0
	C/o of building for field staff of forest	Tikri	Thalli	Thalli	Padhar DPF	1	1300000	0	0
	C/o of building for field staff of forest	Tikri	Thalli	Nagani	Nagni DPF	1	1300000	0	0
					Total	3	3900000		
			Total			3	3900000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Dev. and Maint. of Forest Path, Bridges, Path	Lower Chamba	Chhabaru	Kaded	S/R B/Path Chhandi Devi top Karadghodi	3	100000	0	0
	Dev. and Maint. of Forest Roads, Bridges, Paths	Lower Chamba	Chhabaru	Dadra	S/R B/Path Dadra to Hora	3	100000	0	0
	Dev. and Maint. of Forest Roads, Bridges, Paths	Masroond	Chhatri	Dugli	R/o B/Path Dand to Sangodi	3	100000	0	0
	Dev. and Maint. of Forest Roads, Bridges, Paths	Masroond	Pukhri	Taryodi	R/o B/path Badi Nalla to Lohruen	4	200000	0	0



HP State Authority – APO For the Year 2022-23

Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Dev. and Maint. of Forest Roads, Bridges, Paths	Masroond	Pukhri	Ghargran	R/o B/Path Gharat Nalla to Sanehi Nalla	5	300000	0	0
	Dev. and Maint. of Forest Roads, Bridges, Paths	Masroond	Pukhri	Ghargran	R/o B/Path Deoli to Karanger Nag Mandir	2	100000	0	0
	Dev. and Maint. of Forest Roads, Bridges, Paths	Tikri	Chanju	Chanju	R/o B/Path Kanoloth to Ladni	4	200000	0	0
	Dev. and Maint. of Forest Roads, Bridges, Paths	Tikri	Chanju	Baghei	R/o B/Path Dumel to Jured	4	200000	0	0
	Dev. and Maint. of Forest Roads, Bridges, Paths	Upper Chamba	Bakani	Mortu	R/o B/Path Manglera to Fgd Hut	1	100000	0	0
	Dev. and Maint. of Forest Roads, Bridges, Paths	Upper Chamba	Bakani	Mehla	R/o B/path Thand Nalli to Chamar Galu	1	100000	0	0
	Dev. and Maint. of Forest Roads, Bridges, Paths	Upper Chamba	Kundi	Kalwara	R/o B/Path Kalwara to Naghra	5	300000	0	0
	Dev. and Maint. of Forest Roads, Bridges, Paths	Upper Chamba	Khundel	Almi	R/o B/Path Guwad to Bhadra	1	100000	0	0
	Dev. and Maint. of Forest Roads, Bridges, Paths	Upper Chamba	Chhatradi	Gehra	R/o B/Path Chaichian to Dhalpa	1	100000	0	0
	Dev. and Maint. of Forest Roads, Bridges, Paths	Upper Chamba	Chhatradi	Trouni	R/o B/Path Dallai to Katrog	1	100000	0	0
	Dev. and Maint. of Forest Roads, Bridges, Paths	Upper Chamba	Chhatradi	Trouni	R/o B/Path Trouni to Bhandara	1	100000	0	0
					Total	39	2200000		
				Total		39	2200000		
				Grand Total			11442459.5		
Name of Division - Bharmour									
Silvicultural Operations in Forests									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
	SSO Works	Trehta	Barabhnchho	Nayagran	Agrali DPF	10	228200		
					Total	10	228200		
			Total			10	228200		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
	Engagement of Fire Watchers	Swai	Garola	Garola	Garola DPF	90	37080		
	Engagement of Fire Watchers	Swai	Garola	Garola	Chunjasar DPF	90	37080		
	Engagement of Fire Watchers	Swai	Garola	Garola	Kilrani R.F.	90	37080		
	Engagement of Fire Watchers	Swai	Garola	Ullansa	Jadola DPF	90	37080		
	Engagement of Fire Watchers	Swai	Garola	Ullansa	Sulakhar DPF	90	37080		
	Engagement of Fire Watchers	Swai	Garola	Ullansa	Sadli DPF	90	37080		
	Engagement of Fire Watchers	Swai	Garola	Swai	Juan DPF	90	37080		
	Engagement of Fire Watchers	Swai	Garola	Swai	Seri DPF	85	35020		
	Engagement of Fire Watchers	Swai	Garola	Swai	Kilrani R.F.	90	37080		
	Engagement of Fire Watchers	Swai	Chanhouta	Chanhouta	Siya DPF	90	37080		
	Engagement of Fire Watchers	Swai	Chanhouta	Chanhouta	Saranu DPF	90	37080		
	Engagement of Fire Watchers	Swai	Chanhouta	Chanhouta	Siya DPF-IV	90	37080		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Engagement of Fire Watchers	Swai	Chanhouta	Karer	Center Karer R.F.	84	34608		
	Engagement of Fire Watchers	Swai	Chanhouta	Karer	Lower Karer RF	90	37080		
	Engagement of Fire Watchers	Swai	Chanhouta	Karer	Bharwali RF	90	37080		
	Engagement of Fire Watchers	Swai	Chanhouta	Quarsi	Hippam Marout RF	90	37080		
	Engagement of Fire Watchers	Swai	Chanhouta	Quarsi	Quarsi DPF	90	37080		
	Engagement of Fire Watchers	Swai	Chanhouta	Quarsi	Ali Droon DPF	90	37080		
	Engagement of Fire Watchers	Swai	Ranuhkothi	Ranuhkothi	Diggu Chanan Phat DPF	90	37080		
	Engagement of Fire Watchers	Swai	Ranuhkothi	Ranuhkothi	Kuther DPF	90	37080		
	Engagement of Fire Watchers	Swai	Ranuhkothi	Ranuhkothi	Samra DPF	90	37080		
	Engagement of Fire Watchers	Swai	Ranuhkothi	Ghatore	Ghatore-I DPF	90	37080		
	Engagement of Fire Watchers	Swai	Ranuhkothi	Ghatore	Urei DPF	80	32960		
	Engagement of Fire Watchers	Swai	Ranuhkothi	Ghatore	Ghatore-II DPF	90	37080		
	Engagement of Fire Watchers	Swai	Ranuhkothi	Aura	Phet Pel DPF	84	34608		
	Engagement of Fire Watchers	Swai	Ranuhkothi	Aura	Al Pani DPF	88	36256		
	Engagement of Fire Watchers	Swai	Ranuhkothi	Aura	Dal Pani DPF	110	45320		
	Engagement of Fire Watchers	Swai	Banni	Diggu	Kuther DPF	110	45320		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Engagement of Fire Watchers	Swai	Banni	Diggu	Badgram DPF	95	39140		
	Engagement of Fire Watchers	Swai	Banni	Diggu	Kaleth DPF	90	37080		
	Engagement of Fire Watchers	Swai	Banni	Mandha	Tundah DPF	90	37080		
	Engagement of Fire Watchers	Swai	Banni	Mandha	Kuthal DPF	90	37080		
	Engagement of Fire Watchers	Swai	Banni	Mandha	Silpadi DPF	84	34608		
	Engagement of Fire Watchers	Bharmour	Sandi	Chobia	Gohar DPF	90	37080		
	Engagement of Fire Watchers	Bharmour	Sandi	Hadsar	Dunda DPF	90	37080		
	Engagement of Fire Watchers	Bharmour	Sandi	Hadsar	Balmui DPF	84	34608		
	Engagement of Fire Watchers	Bharmour	Sandi	Kelang	Diyosa DPF	90	37080		
	Engagement of Fire Watchers	Bharmour	Sandi	Kelang	Bhiyanu DPF	90	37080		
	Engagement of Fire Watchers	Bharmour	Sandi	Pranghalla	Pranghalla RF. C-I	84	34608		
	Engagement of Fire Watchers	Bharmour	Sandi	Khund	Rajour DPF	85	35020		
	Engagement of Fire Watchers	Bharmour	Sandi	Khund	Khund DPF	85	35020		
	Engagement of Fire Watchers	Trehta	Holi	Deol	Sanghalla DPF	90	37080		
	Engagement of Fire Watchers	Trehta	Holi	Deol	Guwalla DPF	90	37080		
	Engagement of Fire Watchers	Trehta	Holi	Sutkar	Sutkar RF	90	37080		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Engagement of Fire Watchers	Trehta	Holi	Tiyari	Kalah DPF	90	37080		
	Engagement of Fire Watchers	Trehta	Barabhanch o	Surehi	Urna DPF	90	37080		
	Engagement of Fire Watchers	Trehta	Barabhanch o	Nayagran	Agrali DPF	90	37080		
	Engagement of Fire Watchers	Trehta	Barabhanch o	Bajol	Bajol DPF	90	37080		
	Engagement of Fire Watchers	Trehta	Barabhanch o	Yada	Batbehi DPF	90	37080		
	Engagement of Fire Watchers	Trehta	Lamu	Banog	Rawba DPF	90	37080		
	Engagement of Fire Watchers	Trehta	Lamu	Chanhail	Bharadi DPF	90	37080		
	Engagement of Fire Watchers	Trehta	Lamu	Lamu	Rupi Ghar Nag Bani	90	37080		
				Total		4668	1923216		
						4668	1923216		
Soil and Moisture Conservation Works									
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	SMC Works	Swai	Garola	Garola	Garolla Nallah	0	99000		
	SMC Works	Swai	Garola	Garola	Bhangedi Ghar	0	98000		
	SMC Works	Swai	Garola	Garola	Janoth Ghar	0	95000		
	SMC Works	Swai	Garola	Garola	Satti Mata Ghar	0	94000		
	SMC Works	Swai	Garola	Ullansa	Sadali Ghar	0	95000		
	SMC Works	Swai	Garola	Swai	Naya Tod Ghar	0	97000		
	SMC Works	Swai	Garola	Swai	Karantu Ghar	0	95000		
	SMC Works	Swai	Chanhouata	Chanhouata	Mechhater Ghar	0	98000		
	SMC Works	Swai	Chanhouata	Chanhouata	Saranu Ghar	0	94000		
	SMC Works	Swai	Chanhouata	Karer	Ghera Ghar	0	96000		
	SMC Works	Swai	Chanhouata	Karer	Bangotu Ghar	0	95000		
	SMC Works	Swai	Chanhouata	Quarnsi	Ali drun Ghar	0	95000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	SMC Works	Swai	Ranuhkothi	Ranuhkothi	Thalli Ghar	0	97000		
	SMC Works	Swai	Ranuhkothi	Ranuhkothi	Guleth Ghar	0	96000		
	SMC Works	Swai	Ranuhkothi	Aura	Guwar Nalla	0	94000		
	SMC Works	Swai	Banni	Diggu	Morthu Ghar	0	96000		
	SMC Works	Swai	Chanhousta	Quarnsi	Darun Ghar	0	98000		
	SMC Works	Bharmour	Bharmour	Bharmour	Bharmani Nalla	0	98000		
	SMC Works	Bharmour	Bharmour	Bharmour	Khan Ghar	0	90000		
	SMC Works	Bharmour	Bharmour	Gharadu	Chaled Nalla	0	95000		
	SMC Works	Bharmour	Bharmour	Gharadu	Sachuini Nalla	0	90000		
	SMC Works	Bharmour	Bharmour	Lahal	Chakrota Ghar	0	98000		
	SMC Works	Bharmour	Bharmour	Arki	Suthla Ghar	0	98000		
	SMC Works	Bharmour	Bharmour	Arki	Raitten Nalla	0	95000		
	SMC Works	Bharmour	Bharmour	Siunr	Siunr Nalla	0	98000		
	SMC Works	Bharmour	Sandi	Sirdi	Dug Ghar	0	98000		
	SMC Works	Bharmour	Sandi	Chobia	Dhanour Ghar	0	99000		
	SMC Works	Bharmour	Sandi	Khund	Rajour Ghar	0	98000		
	SMC Works	Bharmour	Sandi	Kelang	Drati Ghar	0	98000		
	C/O DRSM C/walls	Bharmour	Sandi	Sirdi	S.C work in Palani Ghar	48	99024		
	C/O DRSM C/walls	Bharmour	Sandi	Sirdi	S.C work in Mehtar Ghar	47	96961		
	C/O DRSM C/walls	Trehta	Lamu	Lamu	S.C work in Khangoti Nalla	48	99024		
	C/O DRSM C/walls	Swai	Garola	Garola	S.C work in Garola	48	99024		
	C/O DRSM C/walls	Bharmour	Bharmour	Lahal	S.C work in Rakhon Nalla	48	99024		
	C/O DRSM C/walls	Trehta	Lamu	Lamu	S.C work in Kumarati Nalla	48	99024		
	C/O DRSM C/walls	Bharmour	Bharmour	Lahal	S.C work in Chaled Ghar	48	99024		
	C/O DRSM C/walls	Swai	Garola	Ullansa	S.C work in Jarola Nalla	48	99024		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	C/O DRSM C/walls	Swai	Runukothi	Runukothi	S.C work in Kuthed Nalla	48	99024		
	C/O DRSM C/walls	Bharmour	Sandi	Sirdi	S.C work in Sirdi Ghar	48	99024		
	C/O DRSM C/walls	Bharmour	Sandi	Sirdi	S.C work in Palan Ghar	48	99024		
				Total		527	3874201		
Management of Biological Diversity and Resources									
Wildlife Conservation and Protection									
	Water Pond	Bharmour	Sandi	Kailange	Deosah DPF	1	95000		
	Water Pond	Bharmour	Sandi	Chobia	Dhanchbug Dhar	1	95000		
				Total		2	190000		
Forest Infrastructure Development									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	R/o Forest Paths	Swai	Ranuhkothi	Ranuhkothi	Thokla to Sati Mata Temple	1	98000		
	R/o Forest Paths	Swai	Banni	Diggu	Pathar to Padda	1	98000		
	R/o Forest Paths	Swai	Chanhouta	Chanhouta	Machhater to Chanhouta	1	95000		
	R/o Forest Paths	Swai	Chanhouta	Quarnsi	Quarnsi to Khil	1	94000		
	R/o Forest Paths	Bharmour	Bharmour	Lahal	Labbi to Nehar	1	100000		
	R/o Forest Paths	Bharmour	Bharmour	Gharadu	Bhimgada to Kurku Da Kanda	1	95000		
	R/o Forest Paths	Bharmour	Sandi	Kelang	Kugti ti Kamroo	1	95000		
				Total		7	675000		
				Total		7	675000		
				Grand Total			6890617		
Name of Division - Pangi									
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	SSO Works	Sach	Sach	Sach	Chhota Bambal RF	5	125000		
	SSO Works	Sach	Sach	Kaban	Mojhi RF	5	125000		
				Total	Total	10	250000		
Protection of Plantations & Forests									
Construction of Boundary Pillars									
Construction of Boundary Pillars									
	Repair of boundary pillars	Killar	Dharwas	Dharwas	Kanun RF	6	30000		
	Repair of boundary pillars	Killar	Killar	Karyuni	Chhatwani RF	5	25000		
	Repair of boundary pillars	Killar	Killar	Phindru	Sidh-ka-Dera RF	5	25000		
	Repair of boundary pillars	Killar	Bindrabani	Punto	Kalatop RF	4	20000		
	Repair of boundary pillars	Killar	Bindrabani	Punto	Kagal RF	3	15000		
	Repair of boundary pillars	Sach	Sach	Sach	Chhota Bambal RF	5	25000		
	Repair of boundary pillars	Sach	Sach	Kaban	Mojhi RF	8	40000		
	Repair of boundary pillars	Sach	Sach	Kuth	Saichu RF	5	25000		
	Repair of boundary pillars	Purthi	Ajog	Kulal	Chakmanda RF	2	10000		
	Repair of boundary pillars	Purthi	Purthi	Rei	Rei RF	5	25000		
	Repair of boundary pillars	Purthi	Purthi	Purthi	Thandal RF	4	20000		
	Repair of boundary pillars	Purthi	Ajog	Ajog	Nildhar RF	4	20000		
	Repair of boundary pillars	Purthi	Purthi	Purthi	Shaorani RF	7	35000		
	Repair of boundary pillars	Purthi	Purthi	Purthi	Sugalwas RF	5	25000		
				Total	Total	68	340000		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	Forest Fire	Killar	-	-	-	9	270000		
	Forest Fire	Sach	-	-	-	5	150000		
	Forest Fire	Purthi	-	-	-	7	210000		
					Total	21	630000		
				Total		21	630000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Soil and Moisture Conservation Works									
Soil Conservation Works in Forest Areas									
	C/o Check dams	Killar	Killar	Killar	Killar dhar	30	300000		
	C/o Check dams	Killar	Killar	Killar	Shelli slip	35	350000		
	C/o Check dams	Killar	Dharwas	Dharwas	Chaloli slip	25	250000		
	C/o Check dams	Killar	Dharwas	Luj	Luj Bishto	25	250000		
	C/o Check dams	Killar	Bindrabani	B/Bani	Gugu Gharat	30	300000		
	C/o Check dams	Killar	Bindrabani	Punto	Punto slip	30	300000		
	C/o Check dams	Killar	Killar	Karyuni	Chhakas slip	20	200000		
	C/o Check dams	Killar	Killar	Phindru	Guwari	25	250000		
	C/o Check dams	Killar	Killar	Phindru	Parmar	20	200000		
	C/o Check dams	Killar	Killar	Phindru	Bhimseri	15	150000		
	C/o Check dams	Killar	Killar	Killar	Kakal pani	25	250000		
	C/o Check dams	Sach	Sach	Kaban	Mojhi	25	250000		
	C/o Check dams	Sach	Sach	Kaban	Bhujor	15	150000		
	C/o Check dams	Sach	Sach	Kaban	Kaban RF	25	250000		
	C/o Check dams	Sach	Sach	Sach	Chhota Bambal	25	250000		
	C/o Check dams	Sach	Sach	Kuth	Chasak Bhatory	15	150000		
	C/o Check dams	Sach	Sach	Kuth	Kuth DPF	15	150000		
	C/o Check dams	Sach	Sach	Kuth	Udeen DPF	15	150000		
	C/o Check dams	Sach	Sach	Hillour	Hago dhar	25	250000		
	C/o Check dams	Sach	Sach	Hillour	Tol	25	250000		
	C/o Check dams	Sach	Sach	Hillour	Sahali	25	250000		
	C/o Check dams	Sach	Sach	Hillour	Ganjali Nala	25	250000		
	C/o Check dams	Sach	Sach	Mindhal	Bhanwas	25	250000		
	C/o Check dams	Purthi	Purthi	Purthi	Chhow RF	25	250000		
	C/o Check dams	Purthi	Purthi	Shour	Shour nala	20	200000		
	C/o Check dams	Purthi	Purthi	Shour	Relu land slip	20	200000		
	C/o Check dams	Purthi	Purthi	Rei	Tumhyan slip	20	200000		
					Total	625	6250000		
			Total			625	6250000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Dharwas Nry.	Killar	Dharwas	Dharwas	-	0.3	100000		
	Mindhal Nry.	Sach	Sach	Mindhal	-	0.26	100000		
	Choury Nry.	Sach	Sach	Sach	-	0.16	100000		
	Purthi Nry.	Purthi	Purthi	Purthi	-	1	200000		
	Ajog Nry.	Purthi	Ajog	Ajog	-	0.24	100000		
					Total	1.96	600000		
			Total			1.96	600000		
Forest Infrastructure Development									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Repair of Inspection path Gujral Nala to Upper Nala goat	Killar	Killar	Killar	-	1	300000		
	Repair of I/Path Rei to Bambal top	Purthi	Purthi	Rei	-	1	250000		
	Repair of I/path Micham to Hillour	Sach	Sach	Hillour	-	1	300000		
					Total	3	850000		
			Total			3	850000		
					Grand Total		8920000		
Name of Division - Churah									
Nursery Raising									
Nursery Raising									
Nursery Raising									
	Development and maintenance of nursery including water supply	Tissa	Sei	jagwani	Makkan nursery	1	150000	0	0
	Development and maintenance of nursery including water supply	Chakoli	Panoga	Bhaint	Bhaint Nursery	1	100000	0	0
	Development and maintenance of nursery including water supply	Bhalei	Sundla	Salwan	Bandokhi Nursery	1	100000	0	0
					Total	3	350000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
			Total			3	350000		
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
	Cleaning burning and bush cutting etc.	Tissa, Chakoli, Himjiri	0	0	0	100	500000	0	0
					Total	100	500000		
			Total			100	500000		
Protection of Plantations & Forests									
Construction of Boundary Pillars									
Construction of Boundary Pillars									
	reconstruction of old boundary pillars	Himjiri	0	0	0	42	161700	0	0
					Total	42	161700		
			Total			42	161700		
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
	clering of area infested 1st year activity upto 25 %	Bhalei	Bhalie			15	258225	0	0
					Total	15	258225		
Clearing of Areas Infested upto 50%									
Clearing of Areas Infested upto 75%									
	clearing of areas ingested upto 75 % 1st year activity					10	347760	0	0
					Total	10	347760		
Clearing of Areas Infested upto 100%									
			Total			25	605985		
Soil and Moisture Conservation Works									
Development and Maintenance of Natural Springs in Forest Areas									
	upgradarion of natural spring	Bhalei	Bhunad	Bhunad	thall	1	150000	0	0
					Total	1	150000		
			Total			1	150000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	construction of check wall/check dam	Bhalei	0	0	0	180	1800000	0	0
					Total	180	1800000		
					Total	180	1800000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	C/o of Fgd hut at Chundi	-	-	Chundi	-	1	1200000	-	-
					Total	1	1200000		
					Total	1	1200000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Repair of road path and bridges	Bhalei	0	0	0	6	610000	0	0
					Total	6	610000		
					Total	6	610000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	To aware the people regarding various forestry program	Tissa, Bhalei, Chakoli, Himgiri	0	0	0	4	200000	0	0
					Total	4	200000		
					Total	4	200000		
					Grand Total		5577685		
Name of Circle - Shimla									
Name of Division - Chopal									
Maintenance of Plantation done under 800 Normal Plants model									
4th Maintenance - 800 Normal Plants model									
	Maint. of plantation	-	-	-	-	45	89100	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						45	89100		
5th Maintenance - 800 Normal Plants model									
	Maint. of plantation	-	-	-	-	45	89100	-	-
Total						45	89100		
Total						90	178200		
Soil and Moisture Conservation Works									
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	C/o check wall	Tharoach	Neol	Tikkari	Basra Nala	2	100000		
	C/o check dam	Deya	Deiya	Deiya	Mashund Nala	2	100000		
	C/o check dam	Deiya	Malat	Malat	Chind Nala	2	100000		
	C/o check dam	Deiya	Malat	Kanah	Kanah Nala	2	100000		
	C/o check dam	Bamta	Matal	Kujvi	Kujvi Nala	2	100000		
	C/o check dam	Nerwa	Khaddar	Bagna	Soil Nala	4	100000		
	C/o check dam	Nerwa	Kiarla	Gumma	Rohana Nala	2	100000		
	C/o check dam	Nerwa	Nerwa	Nerwa	Anewar Nala	4	100000		
	C/o check dam	Sarain	Bhal	Bhaila	Chouria	4	100000		
	C/o check dam	Chopal	Chopal	Reuni	K/ Nai Nala	4	100000		
	C/o C/dam	Kanda	Sainj	Sainj	Bohira Khand	12	300000		
Total						40	1300000		
Total						40	1300000		
Energy Saving Measures									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
	C/o Crematorium at Matli Dhar	Kanda	Sainj	Sainj	Matli Dhar	1	300000	-	-
	C/o crematoria	Tharoach	Tharoach	Tharoach	Bahrog	1	350000	-	-
Total						2	650000		
Total						2	650000		
Information Technology and Communication									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
	liability	-	-	-	-	0	60000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	0	60000		
			Total			0	60000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	New Constraction of Fgd. Hut Jubber	Chopal	Marog	Jubber	Fgd Hut Jubber	1	1300000		
					Total	1	1300000		
			Total			1	1300000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Maintenance of Forest Bridle Path Matrulota to kali Tample Panisari Via Jamath	Tharoach	Neol	Tikkari	Maintenance of Forest Bridle Path Matrulota to kali Tample Panisari Via Jamath	1	200000		
	Maintenance of Forest Bridle Path Obtua to Anwar Khad	Nerwa	Nerwa	Nerwa	Maintenance of Forest Bridle Path Obtua to Anwar Khad	1	300000		
	R/o Path from Donr to Jarat in Guma beat of Kiryala Block in Nerwa Range	Nerwa	Kayrla	Guma	R/o Path from Donr to Jarat in Guma beat of Kiryala Block in Nerwa Range	1	300000		
	R/o Forest Path Banah to FRH Davan	Kanda	Kanda	Banah	R/o Forest Path Banah to FRH Davan	1	300000		
	Maint. of B/path	Nerwa	Peontra	Ghatty	Aar to Dhar	1	200000		
	Maint. of B/path	Kanda	Sainj	Sainj	Sharad to Bag PF Sawda	1	200000		
	Maint. of Forest road Shukdal to FRH Tharoach	Tharoach	Tharoach	Tharoach	Shukdal to FRH Tharoch	1	100000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maint. of Forest path Madhana to Tikkar dhar	Tharoach	Lallon	Lallon	Madhana to Tikkar Dhar	1	200000	-	-
	Maint. of forest path form main road to bharton	Nerwa	Kedi	keddi	-	1	100000		
					Total	9	1900000		
					Total	9	1900000		
					Grand Total		5388200		
Name of Division - Rohru									
Soil and Moisture Conservation Works									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
	C/o of Roof Rain water harvesting	Rohru	Rohru	Rantari	FRH Rohru	1	200000	31*11'59 N	77*44' 58
					Total	1	200000		
					Total	1	200000		
Development and Maintenance of Natural Springs in Forest Areas									
Development and Maintenance of Natural Springs in Forest Areas									
	Maintt/Repair of natural spring water source	Tikkar	Tikkar	Tikkar	UF Sholdu 6(a)	1	200000	31*1995 6	77*61 2689
					Total	1	200000		
					Total	1	200000		
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	C/o check wal	Tikkar	Tikkar	Tikkar	Mandanpuri nlalla	1	200000	31*1686 85	77*61 5432
	C/o check wall	Dodra Kawar	Jakha	Pandar	Jamun nalla	8	400000	0	0
	C/o of check dam	Dodra Kawar	Jakha	Pandar	Bauta Nalla	8	400000	0	0
					Total	17	1000000		
					Total	17	1000000		
Energy Saving Measures									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
	c/o Crematorium	Jubbal	Sheel	Mandhol	Mandhol	1	350000	0	0
	C/O crematorium	Rohru	Summerkot	Graima	Jounli	1	350000	0	0
	C/o of crematorium	Rohru	Rohru	Dalgaon	Dalgaon	1	350000	0	0
	C/o of Crematorium	Rohru	Rohru	Kutara	Kutara	1	350000	0	0
	C/o of crematorium at MC Rojru	Rohru	Rohru	Rohru	-	1	350000		
					Total	5	1750000		
			Total			5	1750000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	Modern irrigation facilities	Rohru	Rohru	Gawna	0	1	200000	0	0
	Modern irrigation facilities	Bashla	Bashla	Bashla	1 ha	1	200000	0	9
					Total	2	400000		
			Total			2	400000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	C/o of Fgd hut	Tikkar	Tikkar	Sharontha	Fgd hut at Sharontha	1	1500000	31*1787 48	77*63 9161
	C/o of B.O quarter	Rohru	Summerkot	Summerkot	B.O Quarter building Summerkot	1	2000000	31*28'20. 50"	77*69' 75.90
					Total	2	3500000		
			Total			2	3500000		
					Grand Total		7050000		
Name of Division - Shimla (Urban)									
Protection of Plantations & Forests									
Fencing of Forest Areas									
	C/o Interlink Chain fencing & replcement/repair	Chaura Maidan	Chotta Shimla	Jhakoo	C-23 New interlink Chain fencing	300	700000	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					fromSanjauli Dhalli Bye Pass to North Oak				
	C/o Interlink Chain fencing & repalcement/repair	Chaura Maidan	Chotta Shimla	Khalini	C-No.31 Interlink Chain fencing from Om service station to Dyerton	70 rmt	150000	0	0
	C/o Interlink Chain fencing & repalcement/repair	Chaura Maidan	Bharari	Kaithu	C-No. 17 New interlink Chain fencing from Snow view to Lakkar Bazar	150 rmt	350000	0	0
	C/o Interlink Chain fencing & repalcement/repair	Chaura Maidan	Chotta Shimla	Jhakoo	C-24 INDUS Chock to five benches	150 rmt	325000	0	0
	C/o Interlink Chain fencing & repalcement/repair	Chaura Maidan	Lalpani	Phagli	C-33 (A) along road side	150 rmt	325000	0	0
	C/o Interlink Chain fencing & repalcement/repair	Chaura Maidan	Lalpani	Phagli	C-33 (A) below CPWD Colony Bemloi Shimla	1	357000	0	0
					Total	821	2207000		
					Total	821	2207000		
Soil and Moisture Conservation Works									
Soil Conservation Works in Forest Areas									
	Crate wire Check Dam	Chaura Maidan	Chotta Shimla	Khalini	C-29 Madhuvan Nalla	4	400000	0	0
	Crate wire Check Dam	Chaura Maidan	Chotta Shimla	Khalini	C-31 raising of One step check dam Vihar Nalla	8	400000	0	0
	Crate wire Check Dam	Chaura Maidan	Lalpani	Tutikandi	C-37 Panjri Nalla	3	300000	0	0
	Crate wire Check Dam	Chaura Maidan	Lalpani	Tutikandi	C-38 Bagh Nalla	3	300000	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Crate wire Check Dam	Chaura Maidan	Bharari	Glen	C-14 Kotshera Nalla	2	200000	0	0
					Total	20	1600000		
			Total			20	1600000		
				Grand Total			3807000		
Name of Division - Theog									
Nursery Raising									
Nursery Raising									
Nursery Raising									
	Raising of nursery	-	-	-	-	200000	1316500	-	-
					Total	200000	1316500		
			Total			200000	1316500		
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
	Control brining	Theog	Theog	Keleri	U-326 Gajeri	10	3370		
	Control brining	Theog	Matiana	Chadara	U-39 Jhalru	10	3370		
	Control brining	Theog	Cheog	Retesh	D-111 Gharolo Dhar	10	3370		
	Control brining	Kotkhai	Gowatch	Mehani	U-485 Jbtu	10	3370		
	Climber cutting	Balson	Ghorna	Ghorna	D-132 Barog C-II	5	7875		
	Climber cutting	Balson	Ghound	S/Ghound	D-159 nagdhar	5	7870		
	Climber cutting	Theog	Theog	Gawai	D-107 Pap Jadeog	10	15750		
	Climber cutting	Theog	Theog	Gawai	U-110 Garech	5	7900		
	Climber cutting	Theog	Theog	Keleri	U-328 Nehra	15	23625		
	Climber cutting	Theog	Cheog	Kufri	U-139 Khanor Nalla	15	23600		
	Climber cutting	Theog	Matiana	Sandhu	D-117 Sandhu	15	23600		
	Climber cutting	Theog	Matiana	Shilli	D-127 Ishtha	15	23600		
	Cleaning /Thining	Theog	Matiana	Matiana	U-124 Chicher P-IV	20	65000		
	Cleaning /Thining	Theog	Matiana	Snadhu	D-117 Kanag P-I	15	48700		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Cleaning /Thining	Kotkhai	Gowatch	Kalbog	D-186 Gohach C-III	10	32500		
	Cleaning /Thining	Balson	Ghorna	Deha	D-130 Chandani C-I	10	32500		
	Cleaning /Thining	Balson	Ghound	S/Ghound	D-159 nagdhar	10	32500		
				Total		190	358500		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	Maintt of fire line	Theog	theog	Keleri	D-115 Kaleri C-I	2.5	16500		
	Maintt of fire line	Theog	Matiana	Shilli	D-126 Guthan C-I,II	3	19800		
	Maintt of fire line	Theog	Cheog	Ratesh	D-110 Khaneor	2.5	16500		
	Maintt of fire line	Theog	Matiana	D/Pur	U-63 Tikker	2	13200		
	Maintt of fire line	Theog	Cheog	Retesh	D-112 Gharail	2.5	16500		
				Total		12.5	82500		
Soil and Moisture Conservation Works									
Soil Conservation Works in Forest Areas									
	Check Dam	Balson	Ghorna	Kuthar	U-362 Deothi	2	100000		
	Check Dam	Balson	Ghorna	Balag	U-367 Nanu Mundu	2	100000		
	Check Dam	Balson	Ghorna	Deha	U-373 Shilla	2	100000		
	Check Dam	Balson	Ghound	Dhar Kalana	D-140 Lakhoti	2	100000		
	Check Dam	Kotkhai	Kalala	Reoghati	D-182 RelaC.-I	1	50000		
	Check Dam	Kotkhai	Kalala	Reoghati	U-455 Thanadi	1	50000		
	Check Dam	Kotkhai	Kalala	khanti	D-179 Nagrela	1	50000		
	Check Dam	Kotkhai	Mahasu	Shilla/G	D-164 Shirgal	1	50000		
	Check Dam	Kotkhai	Kotkhai	Gazta	D-175 Nagtear	1	50000		
	Check Dam	Kotkhai	Kotkhai	Garwag	R-13 Chambi Kufer	1	50000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Check Dam	Kotkhai	Mahasu	Mahasu	D-167 Drabla	1	50000		
	Check Dam	Theog	Mataina	Dharthi	U-94 Annu	2	100000		
	Check Dam	Theog	Matiana	sandhu	U-332 palthun	2	100000		
	Check Dam	theog	cheog	kufri	U-138 Khagna	2	100000		
	Check Dam	Theog	cheog	kalanj	D-113 Khatmail	2	100000		
	Check Dam	Theog	Theog	shali	D-52 Bhalech	2	100000		
					Total	25	1250000		
			Total			25	1250000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	New cons.of Forest guard hut	Theog	Cheog	Cheog	Fgd Hut at Sarion	1	1300000		
	C/o of Fgd Kaleed	Theog	Matiana	Shilli	-	1	1500000	-	-
					Total	2	2800000		
			Total			2	2800000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Maintt of approach raod DFO Office	Theog	Theog	Shalli	Maint.	1	300000		
	Maintt of Forest Path Bohari Jangal to Heraretha	kotkhai	Mahsu	Dhroml	Maint.	1	200000		
	C/o of approach road range office Theog	Theog	Theog	Shalli	Maint.	1	200000		
	R/o Forest path at D171 dharonk	Theog	-	Kotkhai	D-171	1	200000		
					Total	4	900000		
			Total			4	900000		
				Grand Total			6707500		
Name of Division - Shimla									
Assisted Natural Regeneration									
Artificial Regeneration									
Maintenance of Plantation with 200 Tall Plants model									
2nd Maintenance - 200 Tall Plants model									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maint. of Old Plantation	Bhajji	Sunni	Mandhorgh at	U-589 Mandri	10	13860	-	-
	Maint. of Old Plantation	Koti	Koti	Malansheel	U-256 Lakhoti	15	20790	-	-
					Total	25	34650		
			Total			25	34650		
Protection of Plantations & Forests									
Construction of Boundary Pillars									
Construction of Boundary Pillars									
	Construction of Boundary Pillars	Bhajji	Himri	Pandoa	NDPF Pandoa	55	302500	-	-
	Construction of Boundary Pillars	Dhami	Halog	Halog	NDPF Mahapuna	15	82500	-	-
	Construction of Boundary Pillars	Dhami	Halog	Halog	NDPF Golan	11	60500	-	-
	Construction of Boundary Pillars	Dhami	Halog	Halog	NDPF Halog	29	159500	-	-
	Construction of Boundary Pillars	Dhami	Halog	Okhroo	NDPF Binu	16	88000	-	-
	Construction of Boundary Pillars	Dhami	Halog	Okhroo	NDPF Dhadeog Niharag - I	36	198000	-	-
					Total	162	891000		
			Total			162	891000		
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
Clearing of Areas Infested upto 50%									
	Lantana Eradication works	Bhajji	Sunni	Mandhorgh at	UPF - Shawali	5	138050	-	-
					Total	5	138050		
Clearing of Areas Infested upto 75%									
	Lantana Eradication works	Bhajji	Sunni	Mandhorgh at	U-586 Disti	10	347765	-	-
	Lantana Eradication works	Bhajji	Sunni	Chaneog	U-570 Jani Nali	3	104329.5	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Lantana Eradication works	Bhajji	Sunni	Mandhorgh at	U-589 Mandri	5	173882.5	-	-
	Lantana Eradication works	Tara Devi	Jubberhatti	Jubbarhatti	GCL Shilibagi	5	173882.5	-	-
	Lantana Eradication works	Tara Devi	Jubberhatti	Jubbarhatti	GCL Barog	5	173882.5	-	-
					Total	28	973742		
Clearing of Areas Infested upto 100%									
			Total			33	1111792		
Maintenance of Cleared Areas									
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	Maint. of Cleared Areas	Bhajji	Sunni	Mandhorgh at	U-584 Mandri	5	23347.5	-	-
	Maint. of Cleared Area	Bhajji	Sunni	Mandhorgh at	UPF Dishti	10	46695	-	-
					Total	15	70042.5		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
	Maint. of Cleared Area	Dhami	Ghanhatti	Ghanhatti	UPF Chouri	5	23347.5	-	-
					Total	5	23347.5		
4th Year Activity-3rd Maint. / 25% Infested Areas									
	Maint. of Cleared Area	Dhami	Halog	Dhalaya	UPF Malgora	3	5593.5	-	-
					Total	3	5593.5		
4th Year Activity-3rd Maint. / 50% Infested Areas									
	Maint. of Cleared Area	Dhami	Himri	Okhroo	UPF Jania	5	16747.5	-	-
	Maint. of Cleared Area	Dhami	Halog	Okhroo	UPF Gahatru	5	16747.5	-	-
	Maint. of Cleared Area	Dhami	Halog	Okhroo	UPF Panjali Bajira	4	13398	-	-
	Maint. of Cleared Area	Dhami	Halog	Okhroo	UPF Panihana	5	16747.5	-	-
	Maint. of Cleared Area	Dhami	Halog	Okhroo	UPF Sheel	1	3349.5	-	-
	Maint. of Cleared Area	Dhami	Halog	Okhroo	UPF Rajeta	3	10048.5	-	-
	Maint. of Cleared Area	Dhami	Ghanhatti	Badoo	UPF Jundla Gharog	1	3349.5	-	-
					Total	24	80388		
4th Year Activity-3rd Maint. / 75% Infested Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maint. of Cleared Area	Bhajji	Sunni	Mandhorgh at	U-589 Mandri	10	46695	-	-
	Maint. of Cleared Area	Dhami	Halog	Okhroo	UPF Makri	2.5	11673.75	-	-
					Total	12.5	58368.75		
4th Year Activity-3rd Maint. / 100% Infested Areas									
	Maint. of Cleared Area	Koti	Koti	Malansheel	U-256 Lakhoti	15	70042.5	-	-
					Total	15	70042.5		
				Total		74.5	307782.75		
Soil and Moisture Conservation Works									
Development and Maintenance of Natural Springs in Forest Areas									
	Maint. / Repair of Natural Springs Water Source	Tara Devi	Tara Devi	Tavi	R-28 Kareu	1	20000	-	-
	Maint. / Repair of Natural Springs Water Source	Mashobra	Shoghi	Patiud	R-7 Tarab C-I	1	50000	-	-
					Total	2	70000		
				Total		2	70000		
Soil Conservation Works in Forest Areas									
	C/o Dry Check Dam	Bhajji	Himri	Himri	Bagri Banuna Nalla	4	128600	-	-
	C/o Dry Check Dam	Bhajji	Himri	Himri	Gadahu Nalla	4	79300	-	-
	C/o Dry Check Dam	Bhajji	Himri	Himri	Sainj Nalla	6	92100	-	-
	C/o Dry Check Dam	Bhajji	Himri	Karyali	Drabla Nalla	8	164500	-	-
	C/o Dry Check Dam	Bhajji	Himri	Karyali	Jaishi Nalla	10	263350	-	-
	C/o Dry Check Dam	Bhajji	Sunni	Bhajhol	Pahal Nalla	5	91340	-	-
	C/o Dry Check Dam	Bhajji	Sunni	Bhajhol	Nehot Nalla	5	116400	-	-
	C/o Dry Check Dam	Bhajji	Sunni	Bhajhol	Nayser Nalla	5	92450	-	-
	C/o Protection wall	Bhajji	Sunni	Mandhorgh at	Near Kurgan Temple	2	250000	-	-
	C/o Check Dam	Dhami	Halog	Dhalaya	Khunj Ka Nalla	5	95000	-	-
	C/o Check Dam	Dhami	Halog	Dhalaya	Chanchar Nalla	2	60000	-	-
	C/o Check Dam	Dhami	Ghanhatti	Badoo	Dak Ka Nalla	3	95000	-	-
	C/o Check Dam	Dhami	Ghanhatti	Badoo	Damtool Nalla	3	95000	-	-
	C/o Check Dam	Dhami	Ghanhatti	Badoo	Jundla Nalla	4	95000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	C/o Check Wall	Mashobra	Mashobra	Dhalli	U-171 Dhani	2	100000	-	-
	C/o Dry Check Dam	Mashobra	Mashobra	Dhalli	D-73 Mashobra C-III	2	100000	-	-
	C/o Dry Check Dam	Mashobra	Mashobra	Dhalli	D-73 Mashobra C-IV	2	100000	-	-
	C/o Dry Check Dam	Mashobra	Mashobra	Panyali	D-70 Naldehra C.No. - I	3	150000	-	-
	C/o Dry Check Dam	Mashobra	Mashobra	Seepur	U-149 Deothi	2	100000	-	-
	C/o Dry Check Dam	Mashobra	Kasumpati	Bharari	D-181 Janlog	4	200000	-	-
	C/o Dry Check Dam	Mashobra	Shoghi	Pateod	R-7 Tarab C-I	2	100000	-	-
	C/o Dry Stone Check Dam	Koti	Junga	Chawara	U-246 Paindely	10	200000	-	-
	C/o Dry Stone Check Dam	Koti	Koti	Malansheel	U-252 Malansheel	5	300000	-	-
					Total	98	3068040		
				Total		98	3068040		
Development of Degraded Forest Areas									
Development of Degraded Forest Areas									
	Dev. of degaraded forest area at carignano mashobra	-	-	-	-	0	10000000		
						Total	0	10000000	
						Total	0	10000000	
Energy Saving Measures									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
	C/o Crematorium	Bhajji	Sunni	Basantpur	UPF Nadukhar	1	350000	-	-
	C/o Crematorium	Taradevi	-	-	Renu GP Baroag	1	350000	-	-
					Total	2	700000		
					Total	2	700000		
Management of Biological Diversity and Resources									
Management of Biological Diversity and Biological Resources									
Management of Biological Diversity and Biological Resources									
	Sort term study to assess the theats/reasonn w.r.t the drying up/disappearance of	-	--	-	-	0	455000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	water in natural springs of Mashobra range								
					Total	0	455000		
				Total		0	455000		
Forest Infrastructure Development									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Repair of path from Shawali to Kaloh	Bhajji	Sunni	Mandhorghat	UPF Shawali	2	200000	-	-
	C/o Inspection path Lambidhar to Shilroo via Dhandi Temple	Mashobra	Mashobra	Dhalli	D-73 Mashobra C- No. - IV	1	50000	-	-
	C/o Inspection path Shilroo to Mashech	Mashobra	Mashobra	Dhalli	D-73 Mashobra C- No. - IV	1	20000	-	-
	C/o Inspection path Challog to Dabri	Mashobra	Mashobra	Panyali	D-70 Naldehra C.No. - I	4	80000	-	-
	C/o Inspection path Touru to Tolog	Mashobra	Kasumpati	Bhatakufferr	U-189 Touru	3	60000	-	-
	C/o Inspection path Bhatakufer to Chamyaana	Mashobra	Kasumpati	Bhatakufferr	U-189 Touru	2	40000	-	-
	C/o Inspection path Chotta Shimla to NH	Mashobra	Kasumpati	Kasumpati	D-82 Kasumpati	3	60000	-	-
	C/o Inspection path Kelti to Chrerii	Mashobra	Kasumpati	Kasumpati	D-78 Sharog	3	60000	-	-
					Total	19	570000		
				Total		19	570000		
				Grand Total			17208264.8		
Name of Circle -Rampur									
Name of Division - Rampur									
Protection of Plantations & Forests									
Construction of Boundary Pillars									
Construction of Boundary Pillars									
	C/o Boundary pillar	Rampur	Deothi	Deothi	NDPF D-109 Deothi	15	90700	31*26'20	77*43'46



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	15	90700		
			Total			15	90700		
Soil and Moisture Conservation Works									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	WHS	Nankhari	Gahan	Jahoo	Koferdhar	1	250000	31.30472	77.529
					Total	1	250000	22	1667
			Total			1	250000		
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	S.C. works	Sarahan	Gopalpur	Mashnoo	Karai Nalla	1	250000	31*27'55"	77*47'18"
	S.C. works	Sarahan	Phancha	Rawancha	Khudi sharmi	1	200000	31*33'24.47"	77*48'43.30"
	S.C. works	Sarahan	Sarahan	Badhal	Darali Khad	1	300000	31*32'20"	77*48'49"
	S.C. works	Nankhari	Nankhari	Bai Bahli	Tapri Nalla	1	300000	31*17'35"	77*37'55"
	S.C. works	Nankhari	Nankhari	Nankhari	Noti Nalla	1	100000	31*17'18"	77*35'57"
	S.C. works	Rampur	Rampur	Pashada	Pashada Nalla	1	100000	31*28'62.1"	77*41'621"
	S.C. works	Rampur	Deothi	Darshal	Damoli Nalla	1	100000	31*24'05"	77*42'08"
			Total		Total	7	1350000		
						7	1350000		
Management of Biological Diversity and Resources									
Wildlife Conservation and Protection									
	Water storage pond with fencing at Nag Temple Bagalti	Nankhari	Nankhari	Bagalti	Nag Temple	1	490000	31*17'00"	77*35'19"
					Total	1	490000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						1	490000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	New construction	Bahli	Taklech	Chowka	Fgd. hut Chowka	1	1500000	31*21'58.7"	77*42'39.0"
	C/o Fgd hut Jhagori	-	-	-	-	1	450000	-	-
Total						2	1950000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Maint.	Sarahan	Sarahan	Sarahan	Approach road to Range office Sarahan	200 mtr.	300000	31*30'42"	77*47'26"
	Maint.	Nankhari	Nankhari	Bai Bahli	metalling of road to I hut Bai Bahli	1.5 Km	500000	31*16'57"	77*34'48"
	maint.	Nankhari	Nankhari	Nankhari	matalling of road in range office Nankhari	200 mtr.	200000	31*18'43"	77*35'01"
Total						401.5	1000000		
Total						401.5	1000000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	Training, meetings & workshops	-	-	-	-	-	500000	-	-
Total						0	500000		
Total						0	500000		
Grand Total							7880700		
Name of Division - Ani									
Soil and Moisture Conservation Works									
Development and Maintenance of Natural Springs in Forest Areas									
	Natural Springs	Chowai	Khanag	Kot	Sharoo	1	200000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	1	200000		
			Total			1	200000		
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	Check wall	Arsu	Nirmand	Pujarli	Kutwa Nalla	1	200000	-	-
	Check wall	Chowai	Paneo	Bai	Kohlu Nala	10	100000	-	-
	Check wall	Chowai	Paneo	Bai	Dagan Nalla	10	100000	-	-
	Check wall	Chowai	Paneo	Poeg	Showad Nalla	20	300000	-	-
	Check wall	Chowai	Khanag	Tarala	Kathar Nalla	16	200000	-	-
	Retaining wall	Arsu	Nirmand	Averi	Shataldhar-I	16	200000	-	-
	Check wall	Nither	Dalsah	K/Gai	Mahrodh Dar Nalla-I	10	100000	-	-
	Check wall	Nither	Dalsah	K/Gai	Tippal Nalla	10	100000	-	-*
	Check wall	Nither	Dalsah	K/Gai	Bai Nalla	10	100000	-	-
	Check wall	Nither	Dalsah	Luhri	Kimti Nalla	10	100000	-	-
	Check wall	Nither	Dalsah	Dalash	Kathanu Nalla	16	200000	-	-
	Unspent Amount during 2020-21	-	-	-	-	1	335604	-	-
					Total	130	2035604		
			Total			130	2035604		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	C/o Drainage in Bahu Nry Source to Nry	Chowai	Chowai	Chowai	Bahu Nurswery	1	200000	-	-
	Site Development work in shakelar Nry.	Chowai	Paneo	Poeg	Shakelar Nry	1	200000	-	-
	Water tank at Tarala Nry	Chowai	Khanag	Tarala	Tarala Nry	1	200000	-	-
	Site Development Work	Nither	Dalsah	Dalash	Jajar	1	300000	-	-
					Total	4	900000		
			Total			4	900000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Construction of Residential and Official Buildings for Front Line Field Staff									
	New Construction of FG Hut Kandagai	Chowai	Dalsah	K/Gai	Kandagai	1	1500000	-	-
					Total	1	1500000		
					Total	1	1500000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Maintenance	Nither	Moin	Moin	Approach Road to Moin Nursery	0.5	100000	-	-
					Total	0.5	100000		
					Total	0.5	100000		
Survey and Mapping of Forest Areas									
Survey, Mapping, digitisation and Uploading of Data on Web Portals									
	E-green Watch	Division	Division	Division	Division	1	100000	-	-
					Total	1	100000		
					Total	1	100000		
					Grand Total		4835604		
Name of Division - Kotgarh									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Replenishment & Enhancement of Forest Cover (REFC)									
Planting with 1100 Normal Plants									
	Replenishment & enhancement of forest cover	Kumarsain	Baragaon	Teshan	Upf thar c-272	5	286550	31.340129	77.417934
	Replenishment & enhancement of forest cover	Kumarsain	Baragaon	Baragaon	Dpf bargal cn-12	5	286550	31.338163	77.361052
	Replenishment & enhancement of forest cover	Kumarsain	Baragaon	Shiwan	Upf paresh c-229	5	286550	31.302635	77.358275
	Replenishment & enhancement of forest cover	Kotgarh	Narkanda	Narkanda	Dpf kounthru	5	286550	31.2416	77.4574
					Total	20	1146200		
Planting with 800 normal plants									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						20	1146200		
Maintenance of plantation done under refc scheme									
4th maintenance - 1100 normal plants model									
	Maint. Of old plantations	Kumarsain	Baragaon	Teshan	Upf luhri (khekhar)	1	2640	31 19 59	077 25 53
	Maint. Of old plantations	Kumarsain	Baragaon	Dhar	Upf bargoh (dibber nsy.)	1	2640	31 19 53	077 32 05
	Maint. Of old plantations	Kotgarh	Bhareri	Naulla	Dpf naulla (naulla nsy.)	0.5	1320	31 20 46	077 31 22
	Maint. Of old plantations	Kotgarh	Bhareri	Sainj	Dpf sainj (sainj nsy.)	1	2640	31 20 03	077 26 44
Total						3.5	9240		
5th maintenance - 1100 normal plants model									
Maintenance of plantation done under 800 normal plants model									
1st maintenance - 800 normal plants model									
2nd maintenance - 800 normal plants model									
	Maint. Of old plantations	Kumarsain	Baragaon	Ahar	Dpf ahar c-31	5	18700	31 17 17	077 23 31
	Maint. Of old plantations	Kumarsain	Baragaon	Teshan	Upf thar c-273	5	18700	31 19 59	077 25 53
	Maint. Of old plantations	Kumarsain	Kumarsain	Galani	Upf khatkar c-254	5	18700	31 16 54	077 25 18
	Maint. Of old plantations	Kumarsain	Kumarsain	Dhalli	Dpf chichar c-38b	5	18700	31 15 53	077 25 28
	Maint. Of old plantations	Kumarsain	Kangal	Dhar	Upf deha c-207	5	18700	31 14 51	077 21 31
	Maint. Of old plantations	Kumarsain	Kangal	Kangal	Upf khotli c-220	5	18700	31 17 33	077 21 18
Total						30	112200		
3rd maintenance - 800 normal plants model									
	Maint. Of old plantations	Kotgarh	Shillaru	Sharmala	Dpf lambidhar	5	14300	31 10 45	077 28 04



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maint. Of old plantations	Kotgarh	Shillaru	Sharmala	Dpf solku	5	14300	31 09 59	077 27 07
	Maint. Of old plantations	Kumarsain	Kumarsain	Dhalli	Dpf chichar c-40	5	14300	31 15 34	077 25 47
	Maint. Of old plantations	Kumarsain	Baragaon	Ahar	Dpf ahar c-32	5	14300	31 17 35	077 23 23
					Total	20	57200		
4th maintenance - 800 normal plants model									
5th maintenance - 800 normal plants model									
					Total	53.5	178640		
Nursery raising									
Nursery raising									
Nursery raising									
	Nursery raising (new & maint.) under new protocol	Kotgarh				Ls	136090	-	-
	Nursery raising (new & maint.) under new protocol	Kumarsain				-	400898	-	-
					Total	0	536988		
					Total	0	536988		
Silvicultural operations in forests									
Silvicultural operations in forests									
Silvicultural operations in forests									
	Cleaning and un-saleable thinning (non commercial) in regeneration areas or climber cutting in the forests/plantation areas	Kumarsain	Kangal	Khudlu	Dpf khudlu c-26	20	120000	31 14 52	77 22 44
		Kumarsain	Kumarsain	Dhalli	Dpf chichar c-37 (b)	10	60000	31 16 26	77 24 33
		Kumarsain	Kumarsain	Oddi	Dpf hawan c-42 (b)	10	60000	31 15 59	77 26 50
		Kotgarh	Bhareri	Bhareri	Rf nagkelo c-56	15	90000	31.30667 7	77.501 505



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
		Kotgarh	Bhareri	Bhareri	Dpf deorgarh c-65	15	90000	31.29764 7	77.486 162
		Kotgarh	Shillaru	Shillaru	Dpf sunpur	11.3	67800	31.19737 4	77.435 764
				Total	Total	81.3	487800		
Protection of plantations & forests									
Construction of boundary pillars									
Construction of boundary pillars									
	Const. Of b.p. Large	Kumarsain	Kumarsain	Kumarsain	Dpf lathi	6	36000	31 18 56	77 25 36
	Const. Of b.p. Large	Kumarsain	Kumarsain	Kumarsain	Dpf nahal	12	72000	31 18 56	77 25 36
	Const. Of b.p. Large	Kumarsain	Baragaon	Baragaon	Dpf devlidhar	9	54000	31.34468	77.407 376
	Const. Of b.p. Large	Kumarsain	Baragaon	Shiwan	Dpf serdhar	13	78000	31.32567 8	77.374 518
	Const. Of b.p. Large	Kumarsain	Baragaon	Baragaon	Dpf karadu	20	120000	31.34776 8	77.382 668
	Const. Of b.p. Small	Kumarsain	Kangal	Kangal	Dpf piplkanda	8	28000	31 15 05	077 21 46
	Const. Of b.p. Small	Kumarsain	Baragaon	Baragaon	Dpf bishandhar	10	35000	31 19 51	077 22 11
	Const. Of b.p. Small	Kumarsain	Baragaon	Baragaon	Dpf ghadalu	4	14000	31.33414 3	77.397 096
	Const. Of b.p. Small	Kumarsain	Baragaon	Baragaon	Dpf karadu	4	14000	31.34776 8	77.382 668
	Const. Of b.p. Small	Kotgarh	Bhareri	Saroga	Dpf kharola	4	14000	31 19 07	77 31 28
	Const. Of b.p. Small	Kotgarh	Bhareri	Saroga	Dpf shathla	5	17500	31 18 42	77 29 35
	Const. Of b.p. Small	Kotgarh	Bhareri	Naulla	Dpf naulla	4	14000	31. 341789	77.524 408



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	99	496500		
			Total			99	496500		
Rehabilitation of encroachment cleared areas									
Rehabilitation of encroachment cleared areas									
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kumarsain	Kangal	Dhar	Upf dhar	0.4368	15300	-	-
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kumarsain	Kangal	Dhar	Upf neuri	0.6743	23619	-	-
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kumarsain	Kangal	Dhar	Upf lauli	0.614	21507	-	-
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kumarsain	Kangal	Dhar	Upf keokali	0.4373	15317	-	-
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kumarsain	Kangal	Dhar	Upf keokali	0.4348	15230	-	-
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kumarsain	Kangal	Dhar	Upf neori	0.3863	13531	-	-
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kumarsain	Kangal	Dhar	Upf dhar	0.4509	15794	-	-
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kumarsain	Kangal	Dhar	Upf lauli	0.5837	20445	-	-
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kumarsain	Kangal	Dhar	Upf lauli	0.4178	14634	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kumarsain	Kangal	Dhar	Upf keokali	0.5174	18123	-	-
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kumarsain	Kangal	Dhar	Upf dhar	0.6309	22099	-	-
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kumarsain	Kumarsain	Dhalli	Jag chowki	0.8009	28053	-	-
	Advance work (wood fencing) and planting in encroached areas	Kumarsain	Baragaon	Ahar	Upf rimbli	0.763	43727	31.295	77.365 382
	Advance work (wood fencing) and planting in encroached areas	Kujmarsain	Kangal	Dhar	Upf neori	1.0435	59802	31.23409 9	77.360 943
	Advance work (wood fencing) and planting in encroached areas	Kumarsain	Kangal	Dhar	Upf panelabag/nagtikker	0.987	56564	31.22629 9	77.350 739
	Advance work (wood fencing) and planting in encroached areas	Kumarsain	Kumarsain	Dhalli	Upf chirri	0.7062	40472	31 16 59	31 16 59
	Planting in area approved for fencing during 2017-18 (encorahced evicted areas)	Kumarsain	Kumarsain	Dhalli	Dpf chichar c-37 (b)	0.7682	26908	31 16 47	077 25 10
	Planting in area approved for fencing during 2017-18 (encorahced evicted areas)	Kumarsain	Kumarsain	Dhalli	Dpf chichar c-38 (a)	0.9615	33679	31 16 16	077 25 13
	Planting in area approved for fencing during 2017-18 (encorahced evicted areas)	Kumarsain	Kumarsain	Dhalli	Dpf chichar c-38 (a)	0.7616	26677	31 16 29	077 25 11
	Planting in area approved for fencing during 2017-18 (encorahced evicted areas)	Kumkarsain	Kumarsain	Dhalli	Upf sablog	0.4096	14347	31 17 11	077 25 00



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kotgarh	Bhareri	Saroga	Dpf bahali	0.861	30159	31.34009 6	77.496 472
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kotgarh	Bhareri	Saroga	Rf nagkelo c-58	0.3878	13584	31.31903	77.522 239
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kotgarh	Bhareri	Saroga	Dpf bakhlain	0.8134	28492	31.32646 8	77.512 206
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kotgarh	Bhareri	Saroga	Dpf bahali	0.8446	29585	31.32342 6	77.514 367
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kotgarh	Bhareri	Naulla	Dpf riwali	0.3985	13959	31.31721 6	77.500 015
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kotgarh	Shillaru	Shillaru	Upf kandiyali	0.8272	28975	31.22285 5	77.433 484
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kotgarh	Narkanda	Narkanda	Upf tikker	0.5381	18849	31.21910 5	77.424 403
	Planting in encroached evicted areas (wooden fenced during 2020-21)	Kotgarh	Shillaru	Shillaru	Upf regta	0.3706	12981	31.28753 6	77.500 667
	Wooden fencing and plantation of encroached areas	Kotgarh	Shillaru	Bijlidhar	Upf raog	0.0611	3501	31.19168 7	77.459 942
	Wooden fencing and plantation of encroached areas	Kotgarh	Shillaru	Sharmala	Upf khalantu	0.5454	31256	31.17487 9	77.469 976
	Wooden fencing and plantation of encroached areas	Kotgarh	Shillaru	Sharmala	Upf khalantu	0.4326	24792	31.17321 2	77.468 457



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Wooden fencing and plantation of encroached areas	Kotgarh	Narkanda	Narkanda	Upf banshera	0.6623	37956	31.288067	77.497927
	Wooden fencing and plantation of encroached areas	Kotgarh	Narkanda	Narkanda	Upf banshera	0.7588	43486	31.289545	77.499834
					Total	20.2871	843403		
					Total	20.2871	843403		
Removal of lantana by crs method									
Clearing of areas infested upto 25%									
	Lantana eradication	Kuamrsain	Baragaon	Shiwan	Upf paresh	2	34430	-	-
					Total	2	34430		
Clearing of areas infested upto 50%									
	Lantana eradication	Kumarsain	Baragaon	Teshan	Upf luhri	5	138050	31.339421	77.431922
					Total	5	138050		
Clearing of areas infested upto 75%									
Clearing of areas infested upto 100%									
					Total	7	172480		
Maintenance of cleared areas									
2nd year activity-1st maint. / 25% infested areas									
	Lantana eradication 1st year maint.	Kumarsain	Baragaon	Teshan	Upf luhri	3	13893	31 20 21	077 25 58
					Total	3	13893		
2nd year activity-1st maint. / 50% infested areas									
2nd year activity-1st maint. / 75% infested areas									
	Lantana eradication 1st year maint.	Kotgarh	Bhareri	Sainj	Upf sainj	2	15202	31 20 27.63	07 26 59.45
					Total	2	15202		
					Total	5	29095		
Forest fire prevention and control operations									
Forest fire prevention and control activities									
Forest fire prevention and control activities									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Fire watcher	Kumarsain				1000	300000	-	-
	Maint. Of fire lines	Kumarsain				30.5	154025	-	-
	Fire fighting equipments	Kumarsain				-	150000	-	-
	Control burning	Kumarsain	Kumarsain	Kumarsain	Upf bhanolidhar	20	7360	31 19 45	77 27 04
	Control burning	Kumarsain	Kumarsain	Kumarsain	Upf mohan	20	7360	31 18 15	77 26 11
	Control burning	Kumarsain	Kumarsain	Kumarsain	Dhinguli	10	3680	31 19 22	31 19 22
	Control burning	Kumarsain	Kumarsain	Galani	Upf kaudhar	20	7360	31 18 39	77 24 52
	Control burning	Kumarsain	Kumarsain	Galani	Upf kalmu	10	3680	31 18 28	77 24 15
	Control burning	Kumarsain	Kumarsain	Galani	Upf khatkar	20	7360	31 18 10	77 24 28
	Control burning	Kumarsain	Baragaon	Shiwan	Upf banahardhar	40	14720	31 18 55	77 20 22
	Control burning	Kumarsain	Baragaon	Shiwan	Upf paresh	20	7360	31 18 07	77 21 42
	Control burning	Kumarsain	Baragaon	Teshan	Upf teshandhar	40	14720	31 20 56	77 23 35
	Control burning	Kumarsain	Baragaon	Teshan	Upf thar	40	14720	30 20 19	77 25 05
	Control burning	Kumarsain	Baragaon	Teshan	Upf luhri	40	14720	30 20 17	77 25 54
	Control burning	Kumarsain	Baragaon	Baragaon	Dpf bargal cn-12	30	11040	31 20 26	77 21 32
	Control burning	Kuamrsain	Baragaon	Baragaon	Dpf bargoh cn-9	20	7360	31 19 58	77 22 01
	Control burning	Kumarsain	Baragaon	Baragaon	Dpf panudhank cn-16	10	3680	31 20 19	77 23 34
	Control burning	Kumarsain	Kangal	Kangal	Upf khalantu	20	7360	31 15 58	77 20 59



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Control burning	Kumarsain	Kangal	Kangal	Upf hathia	20	7360	31 15 32	77 21 36
	Control burning	Kumarsain	Kangal	Kangal	Upf khotli	20	7360	31 16 19	77 21 54
	Control burning	Kumarsain	Kumarsain	Dhalli	Dpf chichar c-38 (a)	50	18400	-	-
	Fire watcher	Kotgarh				1000	300000	-	-
	Maint. Of fire lines	Kotgarh				30.5	154025	-	-
	Control burning	Kotgarh	Bhareri	Bhareri	Upf horu c-127	32.4	11923	31.29687 6	77.470 762
	Control burning	Kotgarh	Bhareri	Bhareri	Upf chimla c-128	20.25	7452	31.30320 9	77.468 749
	Control burning	Kotgarh	Bhareri	Bhareri	Upf ghasni c-129	8.1	2981	31.31508 2	77.466 933
	Control burning	Kotgarh	Bhareri	Bhareri	Upf loshta	8.91	3279	31.31237	77.470 057
	Control burning	Kotgarh	Bhareri	Bhareri	Upf kadanu	30.37	11176	31.32497 7	77.464 759
	Control burning	Kotgarh	Bhareri	Bhareri	Upf manan	10	3680	31.31776 6	77.462 236
	Control burning	Kotgarh	Bhareri	Saroga	Rf nagkelo c-59 (a)	30	11040	31.30478	77.507 52
	Control burning	Kotgarh	Bhareri	Saroga	Rf nagkelo c-59 (b)	60	22080	31.30418	77.508 21
	Control burning	Kotgarh	Bhareri	Saroga	Rf nagkelo c-59 (c)	50	18400	31.30661 3	77.516 458
	Control burning	Kotgarh	Bhareri	Saroga	Dpf kharola cn-41	7	2576	31.31858 4	77.525 119
	Control burning	Kotgarh	Bhareri	Saroga	Dpf bahali cn-60	15	5520	31.32247	77.509 601
	Control burning	Kotgarh	Bhareri	Saroga	Dpf shathla cn-61	15	5520	31.32863 1	77.493 39



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Control burning	Kotgarh	Bhareri	Saroga	Dpf lauga cn-137	10	3680	31.33125 2	77.493 948
	Control burning	Kotgarh	Bhareri	Saroga	Dpf manjaban	5	1840	31.32123	77.504 38
	Control burning	Kotgarh	Bhareri	Saroga	Dpf saroga west	5	1840	31.31697	77.519 13
	Control burning	Kotgarh	Bhareri	Saroga	Upf dadesh	20	7360	31.32105	77.497 69
	Control burning	Kotgarh	Bhareri	Sainj	Dpf sainj	10	3680	31.33672 2	77.444 938
	Control burning	Kotgarh	Bhareri	Sainj	Dpf kepu	50	18400	31.34762 1	77.465 787
	Control burning	Kotgarh	Bhareri	Sainj	Dpf dalan	10	3680	31.33994	77.468 492
	Control burning	Kotgarh	Bhareri	Naulla	Dpf riwali	50	18400	31.34666 8	77.495 896
	Control burning	Kotgarh	Narkanda	Madhawani	Dpf khaltudhar	40.98	15081	31.28790 1	77.472 412
	Control burning	Kotgarh	Narkanda	Madhawani	Dpf kehri	30.66	11283	31.28652 5	77.452 703
	Control burning	Kotgarh	Narkanda	Madhawani	Dpf lohala	14.48	5329	31.27731 4	77.476 048
	Control burning	Kotgarh	Shillaru	Shillaru	Upf kandiyali c-199	60	22080	31.22160 7	77.432
	Control burning	Kotgarh	Shillaru	Shillaru	Dpf kandiyali c-14	25	9200	31.22139 6	77.439 75
	Control burning	Kotgarh	Shillaru	Shillaru	Upf palvi c-201	5	1840	31.21012 2	77.437 985
	Control burning	Kotgarh	Shillaru	Shillaru	Dpf kotbari c-15	20	7360	31.20313 9	77.425 131
	Control burning	Kotgarh	Shillaru	Shillaru	Dpf sunpur c-202	6	2208	31.19737 4	77.435 764



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Control burning	Kotgarh	Shillaru	Sharmala	Upf rajana	10	3680	31 10 43	77 26 42
	Control burning	Kotgarh	Shillaru	Sharmala	Upf chwarthu	20	7360	31 10 48	77 28 13
					Total	3190.15	1473578		
					Total	3190.15	1473578		
Soil and moisture conservation works									
Development of ponds/ trenches/ water & snow harvesting structures in forest areas									
	Whs (jal bhandaran scheme) 2021-22	Kotgarh & kumarsain				4	3500000	-	-
	Whs (jal bhandaran scheme) 2022-23	Kotgarh	Bhareri	Bhareri	Rogha nalla	1	2400000	31.4194	77.484 026
	Whs (jal bhandaran scheme) 2022-23	Kotgarh	Bhareri	Saroga	Shavani khad	1	2500000	31.29335	77.511 81
	Whs (jal bhandaran scheme) 2022-23	Kumarsain	Kumarsain	Dhalli	Machinkhad	1	2000000	31.27227 1	77.430 518
	Whs (jal bhandaran scheme) 2022-23	Kumarsain	Kangal	Dhar	Sholti nalla	1	2200000	31.22160 8	77.346 383
					Total	8	12600000		
					Total	8	12600000		
Soil conservation works in forest areas									
	Check dam	Kotgarh	Narkanda	Madhawani	Churathi nalla	5	96000	31 15 05	077 27 50
	Check dam	Kotgarh	Narkanda	Madhawani	Kanahar nalla	5	95000	31 15 64	077 28 17
	Check dam	Kotgarh	Bhareri	Saroga	Rachani nalla	4	86000	31.31839	77.504 69
	Check dam	Kotgarh	Shillaru	Shillaru	Revi nalla	4	95000	31 12 10	77 25 27
	Check dam	Kotgarh	Shillaru	Sharmala	Mohal nalla	4	96000	31 11 28	77 27 48
	Check dam	Kotgarh	Shillaru	Sharmala	Benu nalla	4	92000	31 10 06	77 26 43



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Check dam	Kotgarh	Shillaru	Bijlidhar	Sai nalla	4	90000	31. 474	77.452 122
	Check dam	Kotgarh	Bhareri	Naulla	Koferdhar nalla	4	93000	31.335	77.516 9
	Check dam	Kotgarh	Bhareri	Naulla	Banot nalla	4	92000	31.3328	77.496 7
	Check dam	Kotgarh	Narkanda	Narkanda	Ekantbari nalla	5	90000	31.2337	77.428 5
	Check dam	Kotgarh	Bhareri	Bhareri	Rf nagkelo c-54	5	85000	31 18 55	77 29 62
	Check dam	Kotgarh	Bhareri	Bhareri	Dpf rogha	5	90000	31.31333 3	77.484 363
	Whs	Kotgarh	Bhareri	Saroga	Upf khalawan	1	97000	31.31839	77.497 81
	Whs	Kotgarh	Shillaru	Sharmala	Kunjla nalla	1	100000	31 11 34	77 27 44
	Check dam	Kumarsain	Kumarsain	Oddi	Reli nimbla	7	95000	31.26181 7	77.457 704
	Check dam	Kumarsain	Kumarsain	Galani	Dhanal nalla	7	90000	31.30729 4	77.401 226
	Check dam	Kumarsain	Baragaon	Baragaon	Jhamol middle nalla	6	95000	31.33858 4	77.392 026
	Check dam	Kumarsain	Baragaon	Teshan	Khekhar nalla	7	90000	31.33142	77.434 916
	Check dam	Kumarsain	Baragaon	Teshan	Luhri nalla	7	95000	31.35065 6	77.397 616
	Check dam	Kumarsain	Baragaon	Ahar	Dershada nalla	7	90000	31.28331 3	77.392 645
	Check dam	Kumarsain	Kangal	Khudlu	Frudi nalla	7	90000	31.25823 3	77.411 954
	Check dam	Kumarsain	Kangal	Kangal	Damahi nalla	6	95000	31.27823 9	77.372 515



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Check dam	Kumarsain	Kangal	Kangal	Swerakhad nalla	7	85000	31.28916 3	77.355 409
	Check dam	Kumarsain	Baragaon	Ahar	Ahar slip	5	99000	31.29656 2	77.394 398
	Check dam	Kuamrsain	Kumarsain	Dhalli	Machinkhad	5	99000	31.26718 6	77.429 08
				Total		126	2320000		
Animal rescue centers and veterinary treatment facilities for wild animals									
Establishment, operation and maintenace of animal rescue centers and veterinary treatment facilities for wild animals									
Establishment, operation and maintenace of animal rescue centers and veterinary treatment facilities for wild animals									
	Cage transporation of wild animals	Kumarsain				-	25000	-	-
	Cage transporation of wild animals	Kotgarh				-	30000	-	-
				Total		0	55000		
Establishment, upgradation and maintenance of modern nurseries									
Establishment, upgradation and maintenance of modern nurseries and other planting stock production facilities (infrastructure)									
Establishment, upgradation and maintenance of modern nurseries and other planting stock production facilities (infrastructure)									
	Const. Of approach road to nsy.	Kumarsain	Baragaon	Teshan	Kingal nsy.	0.110 km	300000	31 19 58	77 25 18
	Solar lights	Kumarsain	Kumarsain	Galani	Dhanal nsy.	2	40000	31 18 19	77 24 22
	Water tank	Kumarsain	Kumarsain	Dhalli	Machinkhad nsy.	1	200000	31 19 58	77 25 18
	Water supply	Kumarsain	Baragaon	Baragaon	Dibber nsy.	1	200000	31 19 59	77 22 14
	B/wall	Kotgarh	Bhareri	Naulla	Naulla	1	50000	31.3475	77.522 5
				Total		5.11	790000		
Information technology and communication						5.11	790000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Purchase and maintenance of equipments or devices used for information technology and communication for the purpose of protection of forests and wildlife									
Purchase and maintenance of equipments or devices used for information technology and communication for the purpose of protection of forests and wildlife									
	Ups (battery backup)	Kumarsain				2	20000	-	-
	Printer toner cartridge	Kumarsain				3	12000	-	-
	Ups (battery backup)	Kotgarh				2	20000	-	-
	Printer toner cartridge	Kotgarh				3	12000	-	-
					Total	10	64000		
				Total		10	64000		
Forest infrastructure development									
Construction of residential and official buildings for front line field staff									
Construction of residential and official buildings for front line field staff									
	Const. Of fgd hut	Kumarsain	Kumarsain	Dhalli	Fgd hut at dhalli	1	1200000	31.29574	77.403
								3	587
					Total	1	1200000		
				Total		1	1200000		
Up-gradation and maintenance of inspection paths, forest roads, fire lines, watch towers, check posts and timber depots									
Up-gradation and maintenance of inspection paths, forest roads, fire lines, watch towers, check posts and timber depots									
	Shed for timber depot (seized timber)	Kumarsain	Kumarsain	Kumarsain	Kumarsain	1	200000	31 19 02	77 26 56
	Shed for timber depot (seized timber)	Kumarsain	Kumarsain	Oddi	Oddi	1	100000	31 17 36	77 26 40
	Shed for timber depot (seized timber)	Kumarsain	Kangal	Dhar	Dhar	1	100000	31 14 18	77 21 40
	Repair of b/path	Kotgarh	Bhareri	Sainj	B/path dharta to nanja	1 km	100000	31.34291	77.469
	Repair of b/path	Kotgarh	Bhareri	Saroga	B/path saroga to bakhalni nalla	3 km	100000	31.30487	77.509
	Repair of b/path	Kotgarh	Bhareri	Saroga	B/path bankoti to banshera	3	100000	31.31146	77.500
	Repair of b/path	Kotgarh	Shillaru	Bijlidhar	Approach road regtu to fgd hut bijlidhar	1.5	300000	31.20441	77.452
								9	327



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Repair of b/path	Kotgarh	Bhareri	Naulla	B/path jogni to tikker	1	100000	31.35099	77.50478
					Total	12.5	1100000		
					Total	12.5	1100000		
Survey and mapping of forest areas									
Survey and mapping of forest areas for forest fire control, compensatory afforestation works, soil and moisture conservation, catchment area treatment, and wildlife management for preparing annual plans to be executed from state fund									
Survey and mapping of forest areas for forest fire control, compensatory afforestation works, soil and moisture conservation, catchment area treatment, and wildlife management for preparing annual plans to be executed from state fund									
	Vernier caliper	Kotgarh & kumarsain				6	20000	-	-
	Survey & mapping of forest areas (ca works)	Kotgarh				-	50000	-	-
	Survey & mapping of forest areas (ca works)	Kumarsain				-	50000	-	-
					Total	6	120000		
					Total	6	120000		
Survey, mapping, digitisation and uploading of data on web portals									
Survey, mapping, digitisation and uploading of data on web portals									
	Digitization	Kotgarh				-	20000	-	-
	Digitization	Kumarsain				-	25000	-	-
					Total	0	45000		
					Total	0	45000		
Publicity and awareness program/capacity building									
Publicity and awareness program and exhibition on various schemes being implemented from state fund (campa)									
Publicity and awareness program and exhibition on various schemes being implemented from state fund (campa)									
	Publicity & awareness	Kumarsain				-	150000	-	-
	Publicity & awareness	Kotgarh				-	90000	-	-
					Total	0	240000		
					Total	0	240000		
					Grand Total		23898684		
Name of Division - Kinnaur									
Protection of Plantations & Forests									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Construction of Boundary Pillars									
Construction of Boundary Pillars									
	Maint. Of Old Boundary Pillars.	Nichar	Nichar, Tara nda, Sungra	All beats of Nichar Range	-	-	100000	.	.
					Total	0	100000		
					Total	0	100000		
Pest and Disease Control in Forests									
Pest and Disease Control in Forests									
Pest and Disease Control in Forests									
	Treatment of Kail Trees infested/ Drying due to some infestation in Nichar Forest Range 3 compartments.	Nichar	Nichar	Nichar	Compartments of Nichar ,Sungra and Taranda beats	0	600000	.	.
					Total	0	600000		
					Total	0	600000		
Soil and Moisture Conservation Works									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	WHS	Moorang	Jangi	Lippa	UF Khalungpa	1	2500000	31.38916	77.310
					Total	1	2500000	67	2778
					Total	1	2500000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	C/O F.G.Hut at Rakchham	Kilba	Sangla	Rakchham	C/O F.G.Hut at Rakchham	1	1500000	.	.
					Total	1	1500000		
					Total	1	1500000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Repair of Path from Khab to Namgia village	Pooh	Pooh	Namgia	Repair of Path from Khab to Namgia village	1	300000	.	.
	Repair of Path from Dubling bridge to Dubling village	Pooh	Pooh	Dubling	Repair of Path from Dubling bridge to Dubling village	1	100000	.	.
					Total	2	400000		
					Total	2	400000		
					Grand Total		5100000		
Name of Circle - Dharamshala									
Name of Division - Dharamshala									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting in Lantana Cleared Areas									
Planting - 500 Tall plants									
	Planting with 500 Tall palnt	MALLAN	SAMLOTI	SADOON	5	5	275000	N320 45.02"	07601 0'45.0"
	Planting with 500 Tall palnt	LAPIANA	LAPIANA	DHARKLI AN	UP 258 THANA	5	275000	N320 45.12"	E760 56.03"
	Planting with 500 Tall palnt	MALLAN	SAMLOTI	SADOON	UP 252 K SADOON	5	275000	N320 45.02"	07601 0'45.0"
					Total	15	825000		
					Total	15	825000		
Replenishment & Enhancement of Forest Cover (REFC)									
Maintenance of Planting in Lantana Cleared Areas									
Maintenance of Plantation with 500 Tall Plants model									
2nd Maintenance - 500 Tall Plants model									
	maintenance of old plantation 500 tall pant	shahpur	shahpur	balla	p 10 k sadoon c-2b	5	25300	N320 02.11.2"	07601 0.23"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	maintenance of old plantation 500 tall plant	dharamshala	dharamshala	shinal	up 144 k sakoh	6	30360	N 320 22.25"	E 0760 11'.15.15"
	maintenance of old plantation 500 tall plant	dharamshala	khanyara	yol	p 60 k kaned c-8	5	25300	N320 10.22.09"	E 760 22'30.40"
					total	16	80960		
3rd maintenance - 500 tall plants model									
	2 nd year maint. 500 tall palnt	lapiana	lapiana	pargor	up 74kcb kalroo c-2	3180	15900	N320 45.02"	07601 0'45.0"
					total	3180	15900		
maintenance of plantation with 200 tall plants model									
1st maintenance - 200 tall plants model									
2nd maintenance - 200 tall plants model									
	maintenance of old plantation 500 tall plant	dharamshala	khanyara	daloon	cfs daloon u-20	5	25300	N 320 20.10"	E 760 12'40.15"
					total	5	25300		
3rd maintenance - 200 tall plants model									
maintenance of plantation with 1100 normal plants model									
maintenance of plantation with 800 normal plants model									
1st maintenance - 800 normal plants model									
	maintenance of old plantation 500 tall plant	kangra	daultpur	sunhi	up 27 k chandroot	5	30250	N 320 42.10"	E 760 11'30.40"
					total	5	30250		
					total	3206	152410		
maintenance of plantation done under refc scheme									
5th maintenance - 1100 normal plants model									
	maintenance of old plantation 1100 plant	lapiana	lapiana	dharklian	up 19 k chali dhar thear	3	7920	N 320 10.30.25"	E 0760 15'.16.20"
					total	3	7920		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
			total			3	7920		
nursery raising									
nursery raising									
nursery raising									
	raising of nursery	mallan	samloti	samloti	cfs jiklikothi	1	21550	N320 15.20.25"	07601 0'42.0"
	raising of nursery	mallan	samloti	samloti	cfs jiklikothi	1	21550	N320 15.20.25"	07601 0'42.0"
					total	2	43100		
			total			2	43100		
silvicultural operations in forests									
silvicultural operations in forests									
silvicultural operations in forests									
	silvicultural operation	mallan	samloti	samloti	cfs jiklikothi u-25	2	12000	N32012. 2.85"	E0760 9.5.31"
	silvicultural operation	shahpur	rirkmar	dulli	up 137 k darnmi c-6	3	18000	N320 6.36"	E0760 12.47"
	silvicultural operation	dharamshala	khanyara	manji	cfs khanyara	7	42000	N320 07.20"	E 760 11.50"
	silvicultural operation	kangra	ranital	ranital	p49 k ranital	7	42000	N320 13.02"	E0760 15.56"
					total	19	114000		
			total			19	114000		
protection of plantations & forests									
construction of boundary pillars									
construction of boundary pillars									
	c/o boundary pillar	lapiana	lapiana	lapiana	p 19 chalidhar ther c1d	20	60000	N 320 07.20"	E 0760 11.50"
	c/o boundary pillar	lapiana	lapiana	lapiana	p 19 chalidhar ther c2b	20	60000	N 320 06.36"	E0760 12.47"
	c/o boundary pillar	lapiana	lapiana	lapiana	p 19 chalidhar ther c2a	10	30000	N320 10.30"	E0760 12.10"
					total	50	150000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
			total			50	150000		
removal of lantana by crs method									
clearing of areas infested upto 25%									
	new lantana 25%	shahpur	shahpur	bassa	cfs bhanalac-3	10	190000	N320 14'33"	E0760 12'37.0 1"
	new lantana 25%	lapiana	pandwar	jole	up 81 k kanol	5	95000	N320 06'54"	E0760 06.54"
	new lantana 25%	mallan	samloti	samloti	cfs j/kothi u-30	5	95000	N320 03.43"	E 07602 1' 25.51"
	new lantana 25%	kaangra	kangra	nandrool	up 164 k bhārtha	5	95000	N320 05.59"	E0760 12.12"
					total	25	475000		
clearing of areas infested upto 50%									
	new lantana 50%	shahpur	shahpur	bassa	cfs bhanala c-3	5	90000	N320 14'31"	E0760 12.07. 01
	new lantana 50%	lapiana	pandwar	pandwar	up 47 k sirmani	5	90000	N320 07'53"	E0760 09'.58"
	new lantana 50%	dharamshala	khanyara	manji	cfs khanyaa p-16	5	90000	N320 11.58"	E760 22.58. 63"
	new lantana 50%	mallan	samloti	u/kothian	up 222 k jaber (w)	10	180000	N320 22.43"	E0760 23:37. 56"
	new lantana 50%	kangra	kangra	nandrool	up 162 k bhatlahru	3	54000	N320 05'23"	E 760 15'25"
					total	28	504000		
clearing of areas infested upto 75%									
	new lantana 75%	lapiana	pandwar	salwana	up 36 k branj c-5	5	90000	N320 09'38"	E0760 09'41"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	new lantana 75%	dharamshala	khanyara	sheela	cfs sidwari u-2	5	90000	N320 12.20"	E760 22.21"
					total	10	180000		
clearing of areas infested upto 100%									
				total		63	1159000		
maintenance of cleared areas									
2nd year activity-1st maint. / 25% infested areas									
	new lantana 25%	lapiana	pandwar	pandwar	p 14 k pandwar c-a	5	95000	N320 10'08"	E760 08'30"
					total	5	95000		
2nd year activity-1st maint. / 50% infested areas									
	new lantana 50%	lapiana	lunj	bhodkwalu	p 24 k lunj c-3b	5	90000	N320 06'17"	E760 12'04"
					total	5	90000		
2nd year activity-1st maint. / 75% infested areas									
	new lantana 75%	shahpur	shahpur	shahpur	p 10 k sadoon	15	270000	N320 10.16"	E760 10'26"
	new lantana 75%	lapiana	pandwar	manei	up 90 k nera	8	144000	N320 07.30"	E760 09'22"
					total	23	414000		
					total	33	599000		
forest fire prevention and control operations									
forest fire prevention and control activities									
forest fire prevention and control activities									
	fire protection	kangra	kangra	nandrool	up 169 k nandrool	L/S	10000	N320 45.05"	E760 25.26. 10"
	fire protection	mallan	mallan	mallan	up 27 k marana	L/S	10000	N320 06.36"	E 07601 2.47"
	fire protection	dharamshala	dharamshala	dharamshala	p 49 kcb d/shala	L/S	10000	N320 45.02.10"	E760 20.10. 21"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	fire protection	lapiana	lapiana	lapiana	up 36 k branj	L/S	10000	N320 14.24"	E0760 80.11"
	fire protection	shahpur	shahpur	shahpur	cfs shahpur	L/S	10000	N320 56.45"	E0760 21.25"
	fire protection	kangra	kangra	nandrool	up 169 k nandrool c-1	300	90000	N320 33 12.24"	E0760 45 10.26"
	fire protection	mallan	mallan	mallan	up 252 k sadoon	400	120000	N320 40 25.50"	E0760 41 33.21"
	fire protection	dharamshala	dharamshala	dharamshala	p 49 kcb dharamshala	600	180000	N 320 26.11"	E 0760 10.30"
	fire protection	lapiana	lapiana	lapiana	up 36 k branj	300	90000	N320 40 23.40"	E 0760 45.16"
	fire protection	shahpur	shahpur	shahpur	cfs shahpur	400	120000	N320 07.20"	E0760 .5.31'
	fire protection	kangra	kangra	nandrool	up 2169 k nandrool	L/S	10000	N320 13.02"	E 0760 10.30"
	fire protection	mallan	mallan	mallan	up 252 k sadoon	L/S	10000	N320 13.02"	E 0760 10.30"
	fire protection	dharamshala	dharamshala	dharamshala	p49kcb d/shala	L/S	10000	N320 56.12"	E0760 45.50"
	fire protection	lapiana	lapiana	lapiana	up36 k branj	L/S	10000	N320 45 12"	E0760 15.55"
	fire protection	shahpur	shahpur	shahpur	cfs shahpur	L/S	10000	N320 13.024"	E0760 12.51"
	fire protection	mallan	mallan	mallan	up 252 k sadoon	L/S	50000	N320 14 15"	E0760 55 14.02"
					total	2000	750000		
				total		2000	750000		
soil and moisture conservation works									
development and maintenance of natural springs in forest areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	natural spring	dharamshala	khanyara	ttyahu	durgla mal vatika dari	1	300000	N320 45.12"	E0760 12.23"
					Total	1	300000		
				Total		1	300000		
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	WHS	Kangra	Kangra	Nandrool	UP 169K Nandroll/ Jayanti Mala Nallah	1	2500000	32 05'31"	76 14'28"
	WHS	Mallan	Samloti	Upperli Kothian	UP 217 K Barana C2 / Barana Nallah	1	2500000	32 03'05"	076 22' 21"
	WHS	Kangra	Dalulatpur	Daulatpur	UP 196 K Bag C2 Barana Nallah	1	2500000	32 03'014"	076 16' 03"
	WHS	Dharashala	Kareri	Bhitalu	UP 138 K C18/ Kuhlu Nallah	1	2500000	32 14' 33"	076 16' 15"
	WHS	Shahpur	Shahpur	Harnera	UP 40 K Mahad / Bassa Nallah	1	2500000	32 11' 20.99"	076 08' 44.07"
	WHS	D/shala	D/shala	D/shala	UP 139 K D/shala C11 / Peungal Nallah	1	2500000	32 11' 53"	076 19' 05"
	WHS	Mallan	Samoti	Upperli Kothian	UP 217 K Barna / Barana Nallah	1	2500000	32 03' 04"	076 22' 09"
					Total	7	17500000		
				Total		7	17500000		
Energy Saving Measures									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
	/o crematorium	mallan	sarotari	kandi	up 254 k kandi	1	350000	N32010; 16.80"	E0760 40'12.1 0"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	/o crematorium	dharamshala	dharamshala	chari	up 140 k chari c-6	1	350000	N320 09'10.90"	E0760 45'08.1 0
	c/o crematorium	shahpur	tiara	salol	cfs salol	1	350000	N320 09'10.90"	E0760 22'42.5 6"
					Total	3	1050000		
					Total	3	1050000		
Management of Biological Diversity and Resources									
Wildlife Conservation and Protection									
	monkey caputiring	kangra	kangra	nandrool	up 170 k mehara	50	35000	N320 07'12.15"	E0760 54'08.2 7"
	monkey caputiring	mallan	samloti	u/kothian	up 224 k gujrera	50	35000	N320 13.20'.25	E0760 35'.20. 30"
	up 224 k gujrera	dharamshala	35000	50	up 139 k d/shala	50	35000	N320 20'10.22"	E0760 15'12.3 3"
	monkey capitulating	shahpur	shahpur	shahpur	cfs shahpur	50	35000	N320 15'20.30"	E 0760 20'20.2 5"
					Total	200	140000		
					Total	200	140000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	c/o poly house in nandrool nursery	kangra	kangra	nandrool	up 169 k nandrool	1	200000	N 320 06".36"	E 0760 10.30"
					Total	1	200000		
					Total	1	200000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Construction of Residential and Official Buildings for Front Line Field Staff									
	c/o forest gaurd hut	mallan	sarotari	sarot	up 254 k kandi c-7	1	1300000	N320 45'10.30"	E 0760 10.45"
					Total	1	1300000		
					Total	1	1300000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	sin-ages , public awareness activities	dharamshala	dharamshala	dharamshala	up 139 k d/shala	L/S	300000	N320 13.02"	E0760 10'12.3 0"
					Total	0	300000		
					Total	0	300000		
Treatment of degraded forest watersheds as per DPF prepared by using LiDAR Technology									
Treatment of degraded forest watersheds as per DPF prepared by using LiDAR Technology									
	Provision for Treatment of degraded forest watersheds using survey by lidar technology	-	--	-	-	1	24000000	-	-
					Total	1	24000000		
					Total	1	24000000		
					Grand Total		48590430		
Name of Division - Nurpur									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting in Lantana Cleared Areas									
Planting - 500 Tall plants									
	Planting with 500 Tall Plants	Rey	Rey	Diana	UP185 Diana C-5	10	616000	32*03'50. 2"	075*5 3.04.1"
	Planting with 500 Tall Plants	Jawali	Fatehpur	Junat	U-13- Junat C-20	10	616000	32*03'06. 7"	075*5 4.24.3"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Planting - 500 Tall plants	Jawali	Jawali	Nana	UP-104- Nana C-15	10	616000	32°06'51.2"	076°04.22.3"
	Planting - 500 Tall plants	Jawali	Rehan	Gharoli	UP-93- Chhattar C-1	10	616000	32°10'58.7"	075°51.26.02"
	Planting - 500 Tall plants	Jawali	Rehan	Sidhpurghar	UP78- Sidhpur Ghar C-3	10	616000	32°07'23.3"	75°54'40.7"
	Planting - 500 Tall plants	Jawali	Rehan	Sidhpurghar	P-1N- Sidhpurghar C-3b	10	616000	32°11'00.8"	075°59'75.4"
	Planting - 500 Tall plants	Jawali	Rehan	Sidhpurghar	P-1N- Sidhpurghar C-1a	10	616000	32°10'50.1"	075°46'71.7"
	Planting - 500 Tall plants	Jawali	Fatehpur	Dini	UP129- Dini C-12	10	616000	32°07'49.4"	75°51'08.0"
				Total		80	4928000		
Replenishment & Enhancement of Forest Cover (REFC)									
Maintenance of Planting in Lantana Cleared Areas									
Maintenance of Plantation with 500 Tall Plants model									
1st Maintenance - 500 Tall Plants model									
	Ist year Maintenance of 500 Tall Plants	Rey	Dhameta	Anoh	U25 Anoh C-21	10	48290	32°01'0.19"	075°54'2.64"
	1st Maintenance - 500 Tall Plants model	Rey	Rey	Nangal	UP165 Nangal C-11	10	48290	32°01'0.19"	075°54'2.64"
	1st Maintenance - 500 Tall Plants model	Rey	Bhadukhar	Bhadukhar	CFS Deothi U-1	10	48290	32°02'58.7"	075°50'17.8"
	1st Maintenance - 500 Tall Plants model	Rey	Bhogarwan	Samlet	UP128Samlet C-24	10	48290	32°04'20.6"	075°18'13.7"
				Total		40	193160		
Maintenance of Plantation with 800 Normal Plants model									
1st Maintenance - 800 Normal Plants model									
	Ist year Maintenance of 88 plants normal	Indora	Gangath	Sukhar	U-69- Mazra C-4	14	77000	32°23'10.15"	075°83'21.52"
				Total		14	77000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						54	270160		
Nursery Raising									
Nursery Raising									
Nursery Raising									
	Raising of nursery in Nurpur	Nurpur	Jawali	Har	0.5	16000	166720	075°56'04.01"	31°10'22.0"
	Raising of nursery in Nurpur	Nurpur	Indora	Bhadroya	2.25	16000	166720	075°39'54.2"	32°15'07.3"
	Raising of nursery in Nurpur	Nurpur	Nurpur	Jachh	0.2	16000	166720	075°52'49.9"	32°15'42.7"
Total						48000	500160		
Total						48000	500160		
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
	Subsidiary Silviculture Operations	Nurpur	Minjgran	Talara	R1N Talara C2a	9	29700	32°15'52.6"	075°55'56.0"
	Subsidiary Silviculture Operations	Jawali	Jawali	Nana	P 6 N Harsar Nana C1D	10	33000	32°7'1.14"	76°3'35.87"
	Subsidiary Silviculture Operations	Rey	Badukhar	Hatli	UP-145 Hatli C-17	20	66000	32°03'59.3"	075°49'52.1"
	Subsidiary Silviculture Operations	Nurpur	Nurpur	jachh	CFS Jachh P-3	34.4	113500	32°17'03.85"	075°52'54.96"
	Subsidiary Silviculture Operations	Nurpur	Nurpur	jachh	CFS Jachh P-10	2	6600	32°16'23.00"	075°52'41.03"
	Subsidiary Silviculture Operations	Kotla	Kotla	Ballah	U52- Soldha C-9	10	33000	32°14'42.2"	076°02'44.0"
Total						85.4	281800		
Total						85.4	281800		
Protection of Plantations & Forests									
Construction of Boundary Pillars									
Construction of Boundary Pillars									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Re-construction of old Boundary Pillars with GPS Co-ordinate	Jawali	Jawali	Harsar	DP Chakban Harsar	18	90000	32° 6'23.80" N	76° 2'40.07" "
	Re-construction of old Boundary Pillars with GPS Co-ordinate	Jawali	Jawali	Harsar	DP Chakban Harsar	16	80000	32° 6'26.80" N	76° 2'45.07" "
	Re-construction of old Boundary Pillars with GPS Co-ordinate	Indora	Gangath	Sukhar	P-11N- Ghantal Sanun	20	100000	N=32°12' 16.7"	E=075 °53'13. 6"
	Re-construction of old Boundary Pillars with GPS Co-ordinate	Indora	Gangath	Bhalakh	P-13N- Salakhar	20	100000	N=32°11' 29.6"	E=075 °50'01. 7"E=0 7
	Re-construction of old Boundary Pillars with GPS Co-ordinate	Kotla	Bhali	Bhali	R-15N- Bhali C1a	20	100000	32*12'9.0 6"	76*05' 7.35"
	Re-construction of old Boundary Pillars with GPS Co-ordinate	Kotla	Mastgrah	Chachian	P1N- Sidhpughar C1a	12	60000	32*12'07 "	75*57' 33.2"
					Total	106	530000		
			Total			106	530000		
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
	Clearing of Areas infested upto 25%	Jawali	Fatehpur	Dini	UP-129- Dini C- 10	10	172150	32*07.20 .3"	75*51' 31.7"
	Clearing of Areas Infested upto 25%	Nurpur	Jounta	Jounta	R8 N Chhatril C1a	10	172150	32o16'35 .6"	076o0 0'47.9'
					Total	20	344300		
Clearing of Areas Infested upto 50%									
	Clearing of Areas Infested upto 50%	Rey	Badukhar	Rajgir	UP160Malal C-1	7	193270	32*02'50. 9"	075*4 9'01.1"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Clearing of Areas Infested upto 50%	Jawali	Jawali	Nana	UP104 Nana C7	5	138050	32°09'.02"	76°03'51"
	Clearing of Areas Infested upto 50%	Jawali	Kotla	Trilokpur	UP54 Bar C2	5	138050	32°14'08.9"	076°04'32.8"
	Clearing of Areas Infested upto 50%	Nurpur	Sadwan	Danni	UP 6 Danni C 16	10	276100	32°23'05.56"	075°05'7.40.07"
					Total	27	745470		
Clearing of Areas Infested upto 75%									
	Clearing of Areas Infested upto 75%	Nurpur	Minjgran	Minjgran	U 49 Minjgran C5	10	347765	32°15'17.53"	075°56'32.50"
					Total	10	347765		
Clearing of Areas Infested upto 100%									
	Clearing of Areas infested upto 100%	Jawali	Fatehpur	Junat	U13 Junat C26	10	419430	32°03'18.9"	75°55'24.3"
	Clearing of Areas infested upto 100%	Kotla	Bagga	Bagga	UP80 Kuther C6	7	293601	32°12'07.6"	076°8'423.9"
	Clearing of Areas infested upto 100%	Indora	Indora	Tappa	UP 114 Mandholi C-16	10	419430	32°10'50.1"	075°46'71.7"
	Clearing of Areas Infested upto 100%	Indora	Damtal	Hagwal	P-20N Thapkour C-3a	10	419430	32°14'2.58"	075°43'3.29"
					Total	37	1551891		
					Total	94	2989426		
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									
	Ist Maintenance - 25% Infested Areas	Kotla	Kotla	Trilokpur	P-46N- Bar C-3	10	46310	32°14'14.7"	076°05'15.7"
	Ist Maintenance - 25% Infested Areas	Kotla	Mastgrah	Mastgrah	U-50-Kothiwanda C-13	10	46310	32°13'31.9"	76°00'36.4"
	Ist Maintenance - 25% Infested Areas	Nurpur	Jounta	Barriara	R-8N- Chhatril C4b	15	69465	32°17'47.40"	075°05'3'09.7"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						35	162085		
2nd Year Activity-1st Maint. / 50% Infested Areas									
	Ist Maintenance - 50% Infested Areas	Kotla	Kotla	Soldha	U-52- Soldha C-6	10	66110	32°15'54.9"	076°03'19.8"
	Ist Maintenance - 50% Infested Areas	Jawali	Fatehpur	Junat	U-13- Junat C-20	10	66110	32°03'06.7"	75°54'24.3"
Total						20	132220		
2nd Year Activity-1st Maint. / 75% Infested Areas									
	Ist Maintenance - 75% Infested Areas	Kotla	Kotla	Sodha	U-52- Soldha C-23	10	76010	32°15'31.1"	076°05'54.3"
	Ist Maintenance - 75% Infested Areas	Jawali	Jawali	Nana	UP104-Nana C-16	10	76010	32°07'03.4"	76°03'52.4"
Total						20	152020		
2nd Year Activity-1st Maint. / 100% Infested Areas									
	Ist Maintenance - 100% Infested Areas	Kotla	Bagga	Anuhi	UP-51- Anuhi C-3	10	76010	32°13'63.0"	076°02'72.8"
	Ist Maintenance - 100% Infested Areas	Nurpur	Jounta	Chhotidhar	UP-6- Ladori C-6	10	76010	32°19'45.8"	075°05'7'23.7"
	Ist Maintenance - 100% Infested Areas	Rey	Rey	Gharoli	UP-185- Diana C-5	10	76010	32°02'23.1"	075°52'31.3"
	Ist Maintenance - 100% Infested Areas	Jawali	Rehan	Gharoli	UP-93- Chattar C-1	10	76010	32°10'45.3"	75°51'34.4"
Total						40	304040		
3rd Year Activity-2nd Maint. / 25% Infested Areas									
	2nd year Maintenance 25% Infested Areas	Kotla	Mastgrah	Batuhi	R4N Batuhi C-3	15	27967.5	32°13'28.2"	76°00'50.3"
Total						15	27967.5		
3rd Year Activity-2nd Maint. / 50% Infested Areas									
	3rd year Maintenance 25% Infested Areas.0	Rey	Rey	Nangal	Up165 Nangal C-11	10	33495	32°04'30.7"	075°52'30.7"
	3rd year Maintenance 50% Infested Areas	Kotla	Bhali	Bhali	R15N Bhalli C-1a	10	33495	32°12'90.6"	76°05'73.5"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						20	66990		
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	3rd year Maintenance 75% Infested Areas	Indora	Gangth	Sukhar	UP-69 Mazra C-1	10	46695	32°00'00.0"	075°00'00.0"
Total						10	46695		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
	3rd year Maintenance 100% Infested Areas	Rey	Dhameta	Anoh	U-25 Anoh C-8	10	46695	32°04'34.1"	075°57'04.48"
	3rd year Maintenance 100% Infested Areas	Nurpur	Sadwan	Sadwan`	UP 2 Ther C4	10	46695	32°21'38.54"	075°05'3'19.04"
Total						20	93390		
4th Year Activity-3rd Maint. / 25% Infested Areas									
	3rd year maint. 25%	Kotla	Mastgrah	Batuhi	R-4 N Batuhi C-2	10	18645	32°13'33.5"	076°00'52.9"
	3rd year maint. 25%	Rey	Rey	Nangal	UP-165 Nangal C-12	10	18645	32°03'57.5"	075°52'05.7"
	3rd year maint. 25%	Jawali	Fatehpur	Dini	UP129 Dini C12	5	9322.5	32°07'49.4"	75°51'08.0"
Total						25	46612.5		
4th Year Activity-3rd Maint. / 50% Infested Areas									
	3rd year maint.50%	Jawali	Fatehpur	Dini	UP129 Dini C12	10	33495	32°07'20.3"	75°51'31.7"
	3rd year maint.50%	Indora	Mangwal	Dhantol	CFS Indpur P-1	10	33495	32°10'04.3"	075°43'31.0"
	3rd year maint.50%	Kotla	Kotla	Soldha	U 52 soldha C-19	10	33495	32°15'32.6"	076°04'57.0"
	3rd year maint.50%	Rey	Rey	Rey ii	CFS Rey U-72	9	30145.5	32°00'34.6"	075°51'10.4"
Total						39	130630.5		
4th Year Activity-3rd Maint. / 75% Infested Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	3rd year maint.75%	Rey	Rey	Rey ii	CFS Rey U-63	10	46695	31°59'02.4"	075°51'57.1"
	3rd year maint.75%	Nurpur	Minjgran	Minjgran	U 49 Minjgran C3	10	46695	32°15'17.53"	075°05'6'32.50"
	3rd year maint.75%	Indora	Damtal	Damtal	R 12N Damtal C-1	10	46695	32°15'4.02"	75°40'9.74"
	3rd year maint.75%	Kotla	Bagga	Nadholi	UP 83 Nadholi C-8	10	46695	32°10'46.1"	076°04'17.0"
	3rd year maint.75%	Jawali	Rehan	Sidhpurghar	up 78s/ghar c-3	10	46695	32°07'23.3"	75°54'40.7"
	3rd year maint.75%	Nurpur	Minjgran	Kherian	U 28 kharian C5	10	46695	32°16'18.19"	75°55'2.7.3"
					Total	60	280170		
4th Year Activity-3rd Maint. / 100% Infested Areas									
	3rd year maint.100%	Indora	Damtal	Damtal	U-68 Bhadroya C-6	10	46695	32°16'29.2"	75°54'54.7"
	3rd year maint.100%	Jawali	Rehan	Sidhpurghar	P1N Sidhpur ghar C3b	10	46695	32°11'00.8"	75°59'75.4"
	3rd year maint.100%	Rey	Bhogrwan	Bhogrwan	UP-142 Plakhi C-4	10	46695	32°07'26.6"	76°02'04.2"
	3rd year maint.100%	Nurpur	Minjgran	Kherian	R2N Meh Dhar C1	5	23347.5	32°04'34.4"	75°57'04.48"
	3rd year maint.100%	Kotla	Mastgarh	Chachian	UP 778 Sidhpurghar C2	10	46695	32°14'21.6"	075°42'06"
	3rd year maint.100%	Nurpur	Minjgran	Minjgran	U 47 Banoli C12	10	46695	32°02'8.59"	075°57'07.47"
	3rd year maint.100%	Kotla	Mastgarh	Chachian	P 1N Sidhpurghar C1a	10	46695	32°10'50.1"	075°46'71.7"
					Total	65	303517.5		
					Total	369	1746338		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Forest Fire Prevention and Control Activities									
	Purchase of Fire Safety equipment	Nurpur	Nurpur	Nurpur	Division Level	1	400000	0	0
					Total	1	400000		
				Total		1	400000		
Soil and Moisture Conservation Works									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
	C/o Roof Rain Water Harvesting Structure	Nurpur	Jounta	Jounta	U 20 Punder C-6	1	500000	32°28'61.61	075°97'02.32
	C/o Roof Rain Water Harvesting Structure	Nurpur	Sadwan	Sadwan	P-39- Ther Kuther C-2d	1	500000	32°21'22.13	075°54'06.19
					Total	2	1000000		
				Total		2	1000000		
Development and Maintenance of Natural Springs in Forest Areas									
Development and Maintenance of Natural Springs in Forest Areas									
	Natural Water Spring i.e c/o Babri	Jawali	Jawali	Nana	UP-104 Nana C-17	1	150000	32°08'17.0	076°04'36.8
					Total	1	150000		
				Total		1	150000		
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	WHS	Rey	Bhogarwan	Bhogarwan	UP 142 Plakhi C-2 Near Bandial and Plakhi Village	1	2500000	32 03 08.27	75 43 35.19
	WHS	Nurpur	Jaunta	Bariara	UP 20 Punder C-7 near lunder village	1	2500000	32 23.32	75 56.52
	WHS	Nurpur	Nurpur	Nurpur	CFS Gaahin lagore UC-5 (near nagani and Khushinagar village)	1	2500000	32 17 59.9	75 54 36.6



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	WHS	Indora	Mangwal	Goran	UP 92 Dharwal C-3 (near Thatholi village)	1	2500000	32 11.24	75 40.01
	WHS	Indora	Gangath	Gangath	P-15N Sundru C-1a near Gangth village	1	2500000	32 14 13.7	75 50 9.8
				Total		5	12500000		
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	Const of B/wall	Nurpur	Nurpur	Nurpur	U 47 banoli C 7	1	100000	32°15'60.02"	075°56'37.4"
	Dry Stone check Dam	Rey	Bhogrwan	Samlet	UP128 Samlet C-12	10	97000	32°06'10.6"	075°48'53.7"
	Dry Stone check Dam	Rey	Rey	Diana	UP-185 DianaC-4	10	99000	31°03'44.2"	075°32'43.1"
	Dry Stone check Dam	Rey	Rey	Rey i	CFSRey U-15	10	99000	32°03'35.6"	075°52'04.5"
	Dry Stone check Dam	Rey	Rey	Rey i	CFSRey U-37	10	99000	32°23'55.6"	075°12'42.5"
	Dry Stone check Dam	Rey	Rey	Nangal	UP146Fatehpur C-27	10	98000	32°04'53.8"	075°51'59.6"
	Dry Stone check Dam	Rey	Dhmeta	Sathana	R30DSamblian C-1b	10	98000	31°58'53.46"	075°58'25.33"
	Dry Stone check Dam	Rey	Dhmeta	Sathana	R30D Samblian C-2b	10	98000	31°58'18.34"	075°55'25.40"
	Creat Wire Spur	Nurpur	Jounta	Jounta	U20 Punder C3	10	120000	32o26'11.63"	076o01'79.12"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Creat Wire Spur	Nurpur	Sadwan	Sadwan	UP 10 Sadwan C6	12	144000	32°20'47.38"	075°53'17.38"
	Dry Stone check Dam	Nurpur	Sadwan	Sadwan	UP 10 Sadwan C8	7	84000	32°20'27.82"	075°53'43.52"
	Dry Stone check Dam	Nurpur	Sadwan	Gurchal	UP 3 Khukher Khuwara C3	8	96000	32°23'16.20"	075°55'33.55"
	Dry Stone check Dam	Nurpur	Nurpur	Nurpur	CFS Gahin Lagore UC17	8	96000	32°16'29.20"	075°54'54.07"
	Dry Stone check Dam	Rey	Rey	Rey ii	CFS Rey U-64	10	90000	31°58'57.6"	075°50'06.9"
	Dry Stone check Dam	Rey	Rey	Diana	UP-185 Diana C-4	10	90000	31°03'44.2"	075°32'43.1"
	Create Wire Spur	Rey	Rey	Rey i	CFS Rey U-15	10	80000	32°03'35.6"	075°52'04.5"
	Dry Stone check Dam	Rey	Rey	Nangal	UP146 Fatehpur C-27	10	98000	32°04'53.8"	075°51'59.6"
	Dry Stone check Dam	Rey	Dhmeta	Sathana	R30D Samblian C-1b	10	98000	31°58'53.46"	075°58'25.33"
	Dry Stone check Dam	Rey	Dhmeta	Sathana	R30D Samblian C-2b	10	98000	31°58'18.34"	075°55'25.40"
	Dry Stone check Dam	Rey	Bhogrwan	Samlet	UP128 Samlet C-12	10	90000	32°06'10.6"	075°48'53.7"
	Dry Stone check Dam	Kotla	Mastgarh	Ambal	UP-79 Ambal C-9	5	49000	32°10'95.2"	076°01'61.4"
	Dry Stone check Dam	Kotla	Mastgarh	Ambal	P-3N Bhlera C-1b	5	49000	32°12'79.2"	076°00'60.6"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Dry Stone check Dam	Kotla	Mastgarh	Batuhi	U-50 Kothiwananda C-12	5	49000	32°13'41.10"	076°00'30.3"
	Dry Stone check Dam	Kotla	Bagga	Bagga	UP-81 Jangal C-4	4	39200	32°13'33.4"	076°04'00.20"
	Dry Stone check Dam	Kotla	Bagga	Anuhi	P-47 N Anuhi C-4	4	39200	32°11'89.5"	076°07'42.08"
	Create wire C/dam	Jawali	Jawali	Harsar	DP Chakban	12	96000	32°06'14.8"	076°03'14.8"
	Crate wire structure	Jawali	Fatehpur	Junat	U13 Junat C18	1	98000	32°08'31.7"	075°54'48.1"
	Creat Wire Spur	Jawali	Rehan	Gharoli	P10N Kadau C1	10	80000	32°10'05.04	075°51'57.4"
	Dry Stone check Dam	Jawali	Jawali	jawali	UP103 Jawali 1,2	12	96000	32°10'23.3"	75°59'20.6"
	C/o C/Dams at Bharol Nalla	Jawali	-	-	-	Ls	500000		
			Total		Total	244	3067400		
						244	3067400		
Energy Saving Measures									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
	C/o Crematorium near Garelli Bridge	Nurpur	Minjgran	Kharia	U28 Kharia	1	350000		
			Total		Total	1	350000		
						1	350000		
Management of Biological Diversity and Resources									
Wildlife Conservation and Protection									
	Seminar/Workshop etc.	Nurpur	Nurpur	Nurpur	Division Level	1	100000	32°18'18.1"	075°53'50.5"
			Total		Total	1	100000		
						1	100000		
Establishment, Upgradation and Maintenance of Modern Nurseries									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	R.cc Fencing around the forest nry.	Indora	Damtal	Damtal	Bhadroya	1	50000	32°15'0.7"	075°39'0.54"
	Polyhouse construction	Rey	Rey	Rey ii	Rey	1	400000	31°58'37.27"	075°51'28.56"
					Total	2	450000		
				Total		2	450000		
Information Technology and Communication									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
	Computer with Printer, UPS and Wifi modem	Jawali	Jawali	Jawali	Range level	2	120000	0	0
					Total	2	120000		
				Total		2	120000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	Construction of Fgd hut Dagla	Indora	Mangwal	Dagla	Construction of Fgd hut Dagla	1	1300000	32°12'08"	075°48'02"
	C/o Range office Nurpur	Nurpur	-	Nurpur	CFS Gahini Lagore UC-22	1	3000000	32.304844	75.895749
					Total	2	4300000		
				Total		2	4300000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Repair of Bridal path i/c of R/Wall Surface dressing & side drain	Nurpur	Nurpur	Jounta	Repair of Bridal path from Chhatril to Ber Khad	1	50000	32°16'45.9"	076°00'33.9"
	Repair of I/path i/c of R/Wall Surface dressing & side drain	Nurpur	Sadwan	Sadwan	Repair of I/ path f P39N Ther Kuther	1	80000	32°21'42.82"	075°54'19.47"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Remettling of approach road FRH Nurpur to Main road NH-22	Nurpur	Nurpur	Nurpur	Approach road	1	300000	32o18'14.03"	075o53'01.05'◆
	Repair of path in P34 N Aund & UP 9 Aund C 10	Nurpur	Sadwan	Aund	Repair of path in P34 N Aund & UP 9 Aund C 10	1	300000	32o20'31.2"	075o51'52.5"
	Construction of B/path in CFS Gahin Lagore UC 10	Nurpur	Nurpur	Nurpur	Construction of B/path in CFS Gahin Lagore UC 10	1	500000	32o17'47.2"	075o55'49.00"
				Total	Total	5	1230000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	Seminar/Workshops etc	Nurpur	Nurpur	Nurpur	Division office	2	200000	0	0
				Total	Total	2	200000		
				Total	Total	2	200000		
				Grand Total	Grand Total		35113284		
Name of Division - Palampur									
Assisted Natural Regeneration									
Artificial Regeneration									
Maintenance of Planting in Lantana Cleared Areas									
Maintenance of Plantation with 500 Tall Plants model									
1st Maintenance - 500 Tall Plants model									
	Maint. of Plantation	Daroh	Daroh	Daroh	UP92P Jamula C1	4	19316	-	-
	Manit. of plantation	Palampur	Gopalpur	Baner	UP3P Diiyala	5	24145	-	-
				Total	Total	9	43461		
2nd Maintenance - 500 Tall Plants model									
	Manit. of plantation	Palampur	Panaper	Panaper	CFS Panper P-30	5	13310	-	-
	Manit. of plantation	Palampur	Panaper	Ghanetta	P24P Ghaneta	5	13310	-	-
	Manit. of plantation	Palampur	Gopalpur	Kusmal	CFS Kusmal U-6	3	7986	-	-
				Total	Total	13	34606		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
3rd Maintenance - 500 Tall Plants model									
	Manit. of plantation	palampur	panaper	panaper	cfs panaper U-6	3	3696	-	-
	Manit. of plantation	palampur	palampur	kandwari	up26p rajehar	5	6160	-	-
	Manit. of plantation	palampur	panaper	parour	p20p parour c-1a	3	3696	-	-
	Manit. of plantation	palampur	gopalpur	dadh	p19 lahla c-1	3	3696	-	-
					Total	14	17248		
Maintenance of Plantation with 200 Tall Plants model									
1st Maintenance - 200 Tall Plants model									
2nd Maintenance - 200 Tall Plants model									
	Manit. of plantation	Palampur	Gopalpur	Gopalpur	P63P Banbharthri	5	6930	-	-
	Manit. of plantation	Palampur	Panaper	Panaper	UP15P Darang C-3	5	6930	-	-
					Total	10	13860		
3rd Maintenance - 200 Tall Plants model									
	Manit. of plantation	palampur	panaper	ghenatta	u24p ghenatta c-1b	5	2970	-	-
	Manit. of plantation	palampur	panaper	parour	up15p drang c-3	3	1782	-	-
	Manit. of plantation	palampur	palampur	kandwari	s/l kamlehar	4	2376	-	-
	Manit. of plantation	palampur	gopalpur	dadh	p19 lahla c-1a	4	2376	-	-
	Manit. of plantation	baijnath	baijnath	sakri	s/l bahi	10	5940	-	-
	Manit. of plantation	Baijnath	Baijnath	Bhadraina	U46b Jhikali Beth C1	15	8910	-	-
	Manit. of plantation	Baijnath	Deol	Uttrala	U23b Kharas Karot C3 & C4	9	5346	-	-
	Manit. of plantation	Baijnath	Deol	Lanod	U4b Lanod C6	10	5940	-	-
					Total	60	35640		
					Total	106	144815		
Maintenance of Plantation done under 800 Normal Plants model									
Nursery Raising									
Nursery Raising									
Nursery Raising									
	raising of plants	Palampur	Palampur	Khalet	maranda	100000	956000	-	-
	maintainance of nursery	Palampur	Palampur	Khalet	maranda	25000	140000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	125000	1096000		
			Total			125000	1096000		
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
	Pruning and climber cutting	daroh	thural	sanhoon	P37P Gharthoon	10	80000	-	-
	Pruning and climber cutting	palampur	palampur	Kandi	U38P Sukeri	16	128000	-	-
	Pruning and climber cutting	palampur	palampur	Kandwari	P70P Goart	20	160000	-	-
	Pruning and climber cutting	Bir	Swar	Deot	UP130P Kohar 2nd	20	160000	-	-
					Total	66	528000		
			Total			66	528000		
Protection of Plantations & Forests									
Construction of Boundary Pillars									
Construction of Boundary Pillars									
	C/O Boundary Pillars	palampur	gopalpur	Gopalpur	P17P Bandhiara	20	60000	-	-
	C/O Boundary Pillars	palampur	gopalpur	lahla	p19p lahla	15	45000	-	-
	C/O Boundary Pillars	jaisinghpur	chadhiar	chadhiar	DPF tain	50	150000	-	-
	C/O Boundary Pillars	jaisinghpur	jaisinghpur	harsi	DPF tain	14	42000	-	-
					Total	99	297000		
			Total			99	297000		
Rehabilitation of Encroachment Cleared Areas									
Rehabilitation of Encroachment Cleared Areas									
	Rehabilitation	palampur	palampur	Bandla	Sourabh Van Vihar	2650	1499900	-	-
					Total	2650	1499900		
			Total			2650	1499900		
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
	Clearing of Area infested	Palampur	Palampur	Gopalpur	S/L Basrned	4	68860	-	-
	Clearing of area infested	Daroh	Daroh	Bhawarna	CF Punner Dehan	10	172150	-	-
	Clearing of Area Infested	Baijnath	Deol	Lanod	U 4 B Lanod C-2	10	172150	-	-
					Total	24	413160		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Clearing of Areas Infested upto 50%									
	Clearing of area infested	Palampur	Gopalpur	Lahla	P19P Lahla C3a	5	138050	--	-
	Clearing of area infested	Palampur	Panaper	Paneper	CPS Panper P-1	5	138050	-	-
	Clearing of Area Infested	Palampur	Gopalpur	Lahla	P19 Lahla C3a	5	138050	-	-
					Total	15	414150		
Clearing of Areas Infested upto 75%									
	Cleaning of Area infested	Palampur	Panaper	Paneper	CFS Panper P-17	5	138050	-	-
	Clearing of area infested	Palampur	Panaper	Ghanetta	UP123P Ludhraan C-2	3	104329.5	-	-
	Clearing of Area Infested	jaisinghpur	jaisinghpur	lambagaon	samlat lambagaon	10	347765	-	-
	Clearing of Area Infested	daroh	thural	duhak	p40p duhak	5	173882.5	-	-
					Total	23	764027		
Clearing of Areas Infested upto 100%									
	Clearing of Area Infested	Baijnath	Deol	Dharer	BM Deol at dharer	10	419430	-	-
					Total	10	419430		
					Total	72	2010767		
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									
	Clearing of Area Infested	Daroh	Thural	Mundhi	UP 85 Nagni C-2	10	46310	-	-
	Clearing of Area Infested	Baijnath	Deol	Lanod	U4B Laod C-4	10	46310	-	-
					Total	20	92620		
2nd Year Activity-1st Maint. / 50% Infested Areas									
	Clearing of area infested	Baijnath	Deol	Lanod	BM Lanod	20	552200	-	-
	Clearing of Area Infested	Daroh	Thural	Balota	UP74 P Tamloh	10	66110	-	-
					Total	30	618310		
2nd Year Activity-1st Maint. / 75% Infested Areas									
	clearing of area infest	Baijnath	Deol	Dared	BM Deol	10	347765	-	-
	Clearing of Area Infested	Palampur	Panaper	Ghanetta	P 24P Ghanetta C3C	10	76010	-	-
	Clearing of Area Infested	Baijnath	Baijnath	Bhadraina	U46 B jhikli Bheth	10	76010	-	-
					Total	30	499785		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
2nd Year Activity-1st Maint. / 100% Infested Areas									
	Clearing of Area Infested	Baijnath	Andretta	Bhuana	S/L chowki	20	152020	-	-
					Total	20	152020		
3rd Year Activity-2nd Maint. / 25% Infested Areas									
	Clearing of Area Infested	Palampur	Gopalpur	Goplapur	P13 P Bandhiyara	10	18645	-	-
	Clearing of Area Infested	Baijnath	Deol	Lanod	U4B Lanod C-3	10	18645	-	-
	Clearing of Area Infested	Palampur	Palampur	Bandla	U12P Bagh C5	10	18645	-	-
					Total	30	55935		
3rd Year Activity-2nd Maint. / 50% Infested Areas									
	clearing of area infes	Baijnath	Baijnath	Bhaderina	U45B U Bethc-1	5	138050	-	-
	clearing of area infes	Daroh	Thural	Mundhi	UP85P Nagni	5	138050	-	-
	learing of area infes	Daroh	Thural	Mundhi	UP82 P Khajrnu	5	138050	-	-
	clearing of area infes	Daroh	Thural	Dahak	P40P Dahuk	10	276100	-	-
	clearing of area infes	Daroh	Thural	Dahuk	UP52P Dahuk	10	276100	-	-
	Clearing of Area Infested	Jaisinghpur	Jaisinghpur	Harsi	UP34 J Jaisinghpur 11c-7b	5	16747.5	-	-
	Clearing of Area Infested	Daroh	Daroh	Daroh	UPF Bhoda	5	16747.5	-	-
	Clearing of Area Infested	Daroh	Dheera	Dheera	UP113 P Dheera	5	16747.5	-	-
	Clearing of Area Infested	Daroh	Daroh	Daroh	UP 93 P Naura	5	16747.5	-	-
					Total	55	1033340		
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	clearing of area infes	Palampur	Palampur	Kandwari	P14P Kandwari c3c	5	173882.5	-	-
	clearing of area infes	Palampur	Gopalpur	Baner	UP5P Badsar	3	104329.5	-	-
	clearing of area infes	Palampur	Gopalpur	Dadh	P58P Dhad Zikla	5	173882.5	-	-
	clearing of area infes	Palampur	Palampur	Kandi	U42P Rajnali	5	173882.5	-	-
	clearing of area infes	Palampur	Gopalpur	Gopalpur	U36p Banbhartri	5	173882.5	-	-
	clearing of area infes	Palampur	Gopalpur	Kushmal	CF Kushmal B- M4	4	139106	--	-
	clearing of area infes	Palampur	Gopalpur	Kushmal	CFS Kushmal BM4B	3.72	129368.58	--	-
	clearing of area infes	Palampur	Palampur	Bandla	UP12P Bhag c4	4	139106	---	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	clearing of area infes	Palampur	Palampur	Kandi	UP8 Kandi c-3	10	347765	-	-
	clearing of area infes	Palampur	Palampur	Kandi	UP Kandi c-B	10	347765	-	-
	clearing of area infes	Palampur	Palampur	Kandi	UP Kandi c-2	8	278212	-	-
	clearing of area infes	Palampur	Palampur	Khalet	CFs Arla saloh up11	10	347765	-	-
	clearing of area infes	Palampur	Panaper	Ghanetta	P24P Ghanetta c1d	10	347765	-	-
	clearing of area infes	Palampur	Panaper	Ghanetta	P24P Ghanetta c1B	6.47	225003.955	-	-
	clearing of area infes	Palampur	Panaper	Panaper	CFS Panper UP30	10	347765	-	-
	clearing of area infe	Daroh	Daroh	Daroh	Up92 Jamula c-1	7.16	248999.74	-	-
	clearing of area infe	Daroh	Dheera	Dheera	UP14 dheera	5	173882.5	-	-
	clearing of area infe	Daroh	Dheera	Dheera	Up115 p Rajhoon	5	173882.5	-	-
	clearing of area infe	Daroh	Dheera	Dheera	CFS Gaggal up10	5	173882.5	-	-
	clearing of area infe	Daroh	Daroh	Daroh	UP92 Jamulac-2	8	278212	-	-
	Clearing of Area Infested	Jaisinghpur	Jaisinghpur	Jaisinghpur	UP43J Ban Mandu	5	23347.5	-	-
	clearing of area infe	Daroh	Daroh	Daroh	UP97Banbhatlu c1-c22	8	278212	-	-
	Clearing of Area Infested	Daroh	Daroh	Daroh	P53 P Chogan	5	23347.5	-	-
	clearing of area infe	Daroh	Daroh	Tikker	CFS Punner Dehan uP 17	5	173882.5	-	-
	clearing of area infe	Baijnath	Deol	Sansal	u125bSansal c5	7	243435.5	-	-
					Total	159.35	5240565.28		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
	Clearing of Area Infested	Palampur	Gopalpur	Goplapur	S/L Holta Valley	5	23347.5	-	-
	Clearing of Area Infested	Palampur	Gopalpur	Goplapur	S/L Bhaled	5	23347.5	-	-
	clearing of area infe	Palampur	Gopalpur	Kushmal	CFS Kushmal u-1	6.3	29417.85	-	-
	clearing of area infe	Palampur	Gopalpur	Kushmal	CFS Kushmal B5B	2.02	9432.39	-	-
	clearing of area infe	Palampur	Gopalpur	Kushmal	CFS Kushmal u6	6	28017	-	-
	clearing of area infe	Baijnath	Baijnath	Chobin	UP38b Chobin	4	18678	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	clearing of area infe	Baijnath	Deol	Utterla	u23d Khara sakrotc-2	2	9339	-	-
					Total	30.32	141579.24		
4th Year Activity-3rd Maint. / 25% Infested Areas									
	Clearing of Area Infested	Palampur	Gopalpur	Goplapur	UP12P Banbarthri	1.75	3262.875	-	-
	Clearing of Area Infested	Palampur	Gopalpur	Lahla	P19P lahla C-3 b ii	20	37290	-	-
	Clearing of Area Infested	Palampur	Gopalpur	Lahla	P19P lahla C-3 c ii	31	57799.5	-	-
	Clearing of Area Infested	Palampur	Gopalpur	Lahla	P19P lahla C-3 d i	9.42	17563.59	-	-
	Clearing of Area Infested	Palampur	Palampur	Kandi	U8PKandi C-1a	8	14916	-	-
	Clearing of Area Infested	Palampur	Palampur	Kandi	U8PKandi C-2	6.22	11597.19	-	-
	Clearing of Area Infested	Palampur	Palampur	Kandwari	P14P KandwariC-3a	20	37290	-	-
	Clearing of Area Infested	Palampur	Palampur	Kandwari	P14P KandwariC-3b	20	37290	-	-
	Clearing of Area Infested	Palampur	Palampur	Kandwari	P14P KandwariC-3c	15	27967.5	-	-
					Total	131.39	244976.655		
4th Year Activity-3rd Maint. / 50% Infested Areas									
	Clearing of Area Infested	Palampur	Gopalpur	Goplapur	P17 P Bandhiyara C-1	3.5	11723.25	-	-
	Clearing of Area Infested	Palampur	Gopalpur	Goplapur	P17 P Bandhiyara C-2	3.38	11321.31	-	-
	Clearing of Area Infested	Palampur	Gopalpur	Dadh	P58P Dadh Jhikla	8	26796	-	-
	Clearing of Area Infested	Palampur	Gopalpur	Lahla	P19P lahla C-3 C-11	7.69	25757.655	-	-
	Clearing of Area Infested	Palampur	Gopalpur	Lahla	S/L Arth	10	33495	-	-
	Clearing of Area Infested	Palampur	Panaper	Parour	UP15P Drang C-3	5	16747.5	-	-
	Clearing of Area Infested	Palampur	Panaper	Panaper	CFS Pnaper UP27	4	13398	-	-
	Clearing of Area Infested	Palampur	Panaper	Panaper	CFS Pnaper UP28	6	20097	-	-
	Clearing of Area Infested	Palampur	Palampur	Kandi	U8PKandi C-1a	10.45	35002.275	-	-
	Clearing of Area Infested	Palampur	Palampur	Kandi	U8PKandi C-1b	2.28	7636.86	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Clearing of Area Infested	Palampur	Palampur	Khalet	CFS Khalet UP-12	3	10048.5	-	-
	Clearing of Area Infested	Palampur	Palampur	Khalet	CFS Khalet UP-14	5	16747.5	-	-
	Clearing of Area Infested	Palampur	Palampur	Khalet	CFS Khalet UP-15	3	10048.5	-	-
	Clearing of Area Infested	Palampur	Palampur	Khalet	CFS Khalet UP-19	3	10048.5	-	-
	Clearing of Area Infested	Palampur	Palampur	Khalet	UP24P Bindraban C-1	12	40194	-	-
					Total	86.3	289061.85		
4th Year Activity-3rd Maint. / 75% Infested Areas									
	clearing of area infes	Palampur	Panaper	Ghanetta	P24P Ghanetta c/c	9.99	347417.235	-	-
					Total	9.99	347417.235		
4th Year Activity-3rd Maint. / 100% Infested Areas									
				Total		602.35	8715610.26		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	training and workshop	all ranges	all blocks	all beats	all ranges	15	225000	-	-
	hiring of vehicles	all ranges	all blocks	all beats	all ranges	12	456000	-	-
	fire fighting equipments	all ranges	all blocks	all beats	all ranges	1	150000	-	-
					Total	28	831000		
				Total		28	831000		
Soil and Moisture Conservation Works									
Development and Maintenance of Natural Springs in Forest Areas									
	Repair of Bouri	Baijnath	Baijnath	Anderetta	UP 110P Anderetta	1	300000	-	-
					Total	1	300000		
				Total		1	300000		
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	WHS	Palampur	Palampur	Bandla	UP 12 Bag Nallah (Bag Nallah)	1	2500000	32 09'10.110"	076 33' 14.430"
	WHS	Daroh	Daroh	Khaira	Raunh (Raung Nallah)	1	2500000	31 58'24.26"	076 30' 54.16"
	WHS	Palampur	Panaper	Ganetta	UP 124 P Charkhola (Charkhola Nallah)	1	2500000	32 05'53"	076 25' 51"
	WHS	Palampur	Gopalpur	Kushmal	CFS Kushmal U 6 (Kushmal Nallah)	1	2500000	32 07'42"	076 29' 31"
				Total	Total	4	10000000		
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	C/Dam	Baijnath	Andreta	Bhuana	SamlatSoura	10	130000	-	-
	C/Dam	Baijnath	Deol	Deol	U25 B Ban Deol C-4 (Bhrer)	15	195000	-	-
	C/Dam	Baijnath	Andreta	Bhuana	Samlat karod	10	130000	-	-
	R/Wall	Bir	Swar	Deot	UP 130P kohar IInd	25	100000	-	-
	R/Wall	Bir	Swar	Swar	UP 132 P Swar IInd	25	100000	-	-
	R/Wall	Bir	Kothi Kohar	B/Gram	UP 129 P Kohar	20	100000	-	-
	Dry check dam	Palampur	Gopalpur	Gopalpur	BM Chachian	5	75000	-	-
	Dry check dam	Palampur	Gopalpur	Gopalpur	P 17 P Bandhiara c-4	5	75000	-	-
	Dry check dam	Palampur	Gopalpur	Dadh	P 20 P Parour c1c	6	90000	-	-
	Soil Works dry stone check dams	Palampur	Palampur	Kandwari	P71P Narhar	5	75000	-	-
	Soil Works dry stone check dams	Palampur	Palampur	Kandwari	UP26Prajar	5	75000	-	-
	Crate wire check dam	Daroh	Daroh	Daroh	UPF Bhoda	3	240000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Soil Works dry stone check dams	Palampur	Gopalpur	Lahla	p20p Parour ciA	2	150000	-	-
	soil Works dry stone check dams	Palampur	Panaper	Parour	CFS ParourC4C	2	150000	-	-
	Dry check dam	Palampur	Gopalpur	Lahla	P 19 P Lahla C3d1	5	75000	-	-
	Dry check dam	Palampur	Gopalpur	Lahla	P 66 P Brahamtheru	5	75000	-	-
	soil Works dry stone check dams	Jaisinghpur	Jaisinghpur	Kosri	Samlat Guled	10	150000	-	-
	Dry check dam	Palampur	Gopalpur	Lahla	P 19 P Lahla C3d2	7	105000	-	-
	Dry check dam	Palampur	Gopalpur	Kusmal	CFS Bhagotla U-8	4	60000	-	-
	soil Works dry stone check dams	Jaisinghpur	Jaisinghpur	Jaisinghpur	JIE Bodu Nallah	10	150000	-	-
	Dry check dam	Palampur	Gopalpur	Kusmal	S/L Jamalkar	5	75000	-	-
	soil Works dry stone check dams (crate wire)	Jaisinghpur	Jaisinghpur	Jaisinghpur	Sita ram Khad	5	100000	--	-
	Dry check dam	Palampur	Gopalpur	Kusmal	CFS Kusmal U-6	5	75000	-	-
	soil Works dry stone check dam	Jaisinghpur	Jaisinghpur	Lambagon	Chon Nallah	10	150000	-	-
	Dry check dam	Palampur	Gopalpur	Kusmal	CFS Kusmal U-2	5	75000	-	-
	Dry check dam	Palampur	Gopalpur	Dadh	P 19 P Lahla C1b	6	90000	-	-
	Soil Works dry stone check dams	Jaisinghpur	Chadhiar	Khajurnu	Samlat Drug	1	150000	-	-
	Dry check dam	Palampur	Gopalpur	Baner	P 61 P Badsar	4	60000	-	-
	soil Works dry stone check dam	Jaisinghpur	Jaisinghpur	Harsi	UP43Pj Jaisinghpur	10	150000	-	-
	Dry check dam	Palampur	Gopalpur	Baner	P 60 P Kharti	4	60000	-	-
	Dry check dam	Palampur	Gopalpur	Baner	UP 3 P Diyala	5	75000	-	-
	Dry check dam	Palampur	Panaper	Ghaneta	Up 121 P Brankhar C-3	4	60000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Dry check dam	Palampur	Panaper	Ghaneta	P 24 P Ghaneta C1d	3	45000	-	-
	Dry check dam	Palampur	Panaper	Parour	P 55 P Drang C-1	4	60000	-	-
	Soil Works dry stone check dams	Bir	Swar	Deot	UP130 P Kohar IInd	1	150000	-	-
	Dry check dam	Palampur	Panaper	Parour	P 57 P Dholta	3	45000	-	-
	Soil Works dry stone check dams (Crate wire)	Jaisinghpur	Gander	Gander	Sakoh Nallah	10	150000	---	-
	Dry check dam	Palampur	Panaper	Panaper	CFS Panper P-3	4	60000	-	-
	Dry check dam	Palampur	Panaper	Panaper	SL Kharouth	3	45000	-	-
	Dry check dam	Palampur	Palampur	Kandi	U 37 P Bhali	5	75000	-	-
	Dry check dam	Palampur	Palampur	Kandi	U8P Kandi C-1	5	75000	-	-
	Soil Works dry stone check dams	Bir	Khoti Kohar	Rasoi	UP127 P Chakbankohar	1	90000	-	-
	Soil Works dry stone check dams	Bir	Bir	Raj Gundha	UP 128 P Rajgundha	1	90000	-	-
	Dry check dam	Palampur	Palampur	Khalet	UP 24 P Bindraban C-2	5	75000	-	-
	Soil Works dry stone check dams	Bir	Bir	Keori	UP 126 P Bir IInd	1	90000	-	-
	Soil Works dry stone check dams	Bir	Bir	Bir	P9P Bir	1	90000	-	-
	Soil Works dry stone check dams	Daroh	Thural	Mundhi	UP65P Baloh C-2	1	195000	-	-
	Soil Works dry stone check dams	Daroh	Thural	Mundhi	P36 P Bajurghar C2b	1	15000	-	-
	Soil Works dry stone check dams	Daroh	Thural	Balota	UP74P Tamloh	1	150000	-	-
	Soil Works dry stone check dams	Daroh	Thural	Balota	UP72 P Manjha	1	180000	-	-
	Dry Stone Check Dam	daroh	daroh	khaira	UP89P Garh Jamula	8	120000	-	-
	Dry Stone Check Dam	daroh	daroh	khaira	UP85P Nagni	8	120000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Soil Works dry stone check dams	Daroh	Dheera	Dheera	P54P Dheera	1	100000	-	-
	Soil Works dry stone check dams	Daroh	Dheera	Dheera	CFS Gaggal	1	250000	-	-
	Soil Works dry stone check dams	Daroh	Daroh	Daroh	UP90P Garah Jamula	1	150000	-	-
	Dry Stone Check Dam	daroh	thural	balota	CFS Gharana up-2	10	150000	-	-
	Dry Stone Check Dam	daroh	thural	balota	UP72P Mainjha	18	270000	-	-
	Soil Works dry stone check dams	Daroh	Thural	Balota	P39PBachhwai	1	96000	-	-
	Dry Stone Check Dam	daroh	thural	balota	P39P Bachhwai	10	150000	-	-
					Total	352	6506000		
				Total		352	6506000		
Improvement of Wildlife Habitat									
Improvement of Wildlife Habitat as provided in Approved Wildlife Management Plan or Working Plan									
Improvement of Wildlife Habitat as provided in Approved Wildlife Management Plan or Working Plan									
	Reserch Work on wildlife management of ec toparasite in collaboration with medicine wing of IVRI Palampur	Palampur	Gopalpur	Gopalpur	gopalpur	1	800000	-	-
	water holes	all ranges	all blocks	all beats	all ranges	20	1000000	-	-
					Total	21	1800000		
				Total		21	1800000		
Establishment, Operation and Maintenace of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
Establishment, Operation and Maintenace of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
	animal rescue facilities	Palampur	Gopalpur	Gopalpur	gopalpur zoo	1	300000	-	-
					Total	1	300000		
				Total		1	300000		
Energy Saving Measures									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	C/o Crematorium	Daroh,	Thural,	Balota,	Balota,	1	350000	-	-
	C/O Crematorium	Daroh	Daroh	Daroh	P52P Chogan	1	350000	-	-
	C/O Crematorium	Daroh	Thural	Sanooh	U90P Garh Jamulla	1	350000	-	-
	C/O Crematorium	Daroh	Daroh	Sanooh	SL Sanhoon	1	350000	-	-
	C/O Crematorium	Daroh	Daroh	Bhawarna	SI Dhen	1	350000	-	-
	C/O Crematorium	Palampur	Palampur	Khalet	Khalet	1	350000	-	-
	C/O Crematorium	Palampur	Palampur	Bandla	Bandla	1	350000	-	-
	C/O Crematorium	Palampur	Palampur	Kandi	Kandi	1	350000	-	-
	C/o Crematorium	Baijnath	Baijnth	Anderetta	Anderetta	1	350000	-	-
	C/o Crematorium	Baijnath	Anderetta	Maniyara	Maniyara	1	350000	-	-
	C/o Crematorium	Baijnath	Baijnth	Deol	Deol	1	350000	-	-
	C/o Crematorium	Jaisinghpur	Jaisinghpur	Harsi	Harsi	1	350000	-	-
	C/o crematorium	Daroh	Daroh	Khaira	Shamlat Van Kunasg	1	350000	-	-
				Total	Total	13	4550000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	Shed net house	Palampur	Palampur	Khalet	Maranda	1	100000	-	-
	Shed net house	Palampur	Palampur	Panaper	Panaper	1	100000	-	-
	Shed net house	Bir	Bir	Bir	Bir	1	100000	-	-
	Shed net house	Jaisinghpur	Gander	Lahat	Shivnagar	1	100000	-	-
	Sprinkler	Palampur	Palampur	Khalet	Maranda	1	50000	-	-
	Sprinkler	Daroh	Daroh	Moondhi	Moondi	1	50000	-	-
	Sprinkler	Bir	Swar	Deot	Bir	1	50000	-	-
	Sprinkler	Jaisinghpur	Gander	Lahat	Shivnagar	1	50000	-	-
	Development for labour working shed area	Daroh	Daroh	Moondhi	Moondi	1	100000	-	-
	Development for labour working shed area	Jaisinghpur	Gander	Lahat	Shivnagar	1	100000	-	-
	Sprinkler	Daroh	Daroh	Daroh	Duhki	1	50000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Root Trainers & Root Trainer Stand	Palampur	Palampur	Khalet	Maranda	1	50000	-	-
	Root Trainers & Root Trainer Stand	Daroh	Daroh	Moondhi	Moondi	1	50000	-	-
	Root Trainers & Root Trainer Stand	Bir	Swar	Deot	Bir	1	50000	-	-
	Root Trainers & Root Trainer Stand	Jaisinghpur	Gander	Lahat	Shivnagar	1	50000	-	-
					Total	15	1050000		
					Total	15	1050000		
Information Technology and Communication									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
	Computer, desktop & Printer	Palampur	Palampur	Palampur	Palampur Division and Ranges	3	252000	-	-
					Total	3	252000		
					Total	3	252000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	construction of fgd hut sakari	baijnath	baijnath	sakari	sakari	1	1000000	-	-
	C/o	Palampur	Goplapur	Lahal	-	1	2000000	-	-
					Total	2	3000000		
					Total	2	3000000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	repair P11B Sansal to P12 B Panjalla	baijnath	deol	sansal	sansal	1	250000	-	-
	repair of path malghotta to Bhadraina	baijnath	baijnath	bhadraina	bhadraina	1	200000	-	-
	repair of path dodan balli to badar patt	baijnath	andretta	bhuana	bhuana	1	60000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	repair of I/Path Swar to Bhjling	bir	swar	swar	swar	1	200000	-	-
	Repair of I/Path Kothi khor to swar bia talu dhar	bir	kothi kohar	Kothi khor	kothi khor	1	300000	-	-
	repair of I/Path Gharsa to Jhardu	bir	kothi kohar	R/ Gundha	R/ Gundha	1	200000	-	-
	repair of fire line U8P Kandi C2,C3	palampur	Palampur	kandi	kandi	1	15000	-	-
	repair of fire line bandhiara to Chachian	palampur	gopalpur	gopalpur	gopalpur	1	2500	-	-
	repair of fire line from Bhagotla to Braglok	palampur	gopalpur	kushmal	kushmal	1	7500	-	-
	repair of fire line CFS Bhagotla	palampur	gopalpur	kushmal	kushmal	1	2500	-	-
	repair of fire line DPF Parour	palampur	panaper	parour	parour	1	8000	-	-
					Total	11	1245500		
						11	1245500		
Survey and Mapping of Forest Areas									
Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund									
Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation Works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund									
	Survey and Mapping	Palampur	Palampur	Khalet	Khalet	1	200000	-	-
	Reserch Work on wildlife management of ec toparasite in collaboration with medicine wing of IVRI Palampur	Palampur	Palampur	Khalet	Khalet	1	800000	-	-
					Total	2	1000000		
					Total	2	1000000		
Survey, Mapping, digitisation and Uploading of Data on Web Portals									
Survey, Mapping, digitisation and Uploading of Data on Web Portals									
Publicity and Awareness Program/Capacity Building									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	Publicity and Awareness	Palampur	Palampur	Bundla	SVV	1	250000	-	-
					Total	1	250000		
			Total			1	250000		
Treatment of degraded forest watersheds as per DPF prepared by using LiDAR Technology									
Treatment of degraded forest watersheds as per DPF prepared by using LiDAR Technology									
Treatment of degraded forest watersheds as per DPF prepared by using LiDAR Technology									
	Treatment of degraded forest watersheds as per DPF	-	-	-	-	1	16000000	-	-
					Total	1	16000000		
			Total			1	16000000		
				Grand Total			61376592.3		
Name of Circle -Hamirpur									
Name of Division - Una									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting - 800 Normal plants									
	Plantation	Ramgarh	Talmehra	Dhiunsar	UPF Badoa	10	482900	31.64778	76.26528
	Plantation	Ramgarh	Talmehra	Ban Dhanet	DPF kariara	10	482900	31.59528	76.33583
	Plantation	Ramgarh	Raipur	Saili	UPF Gharwasra c1	10	482900	31.59111	76.37667
	Plantation	Bangana	Bangana	Kanura	UPFTiaser	10	482900	31-32-49	076-25-03
	Plantation	Bangana	Arloo	Piploo	UPF Hathloun	10	482900	31-39-47	076-20.14
	Plantation	Bharwain	Panjal	Bhaderkali	R-I-Panjal C-6	10	482900	#	#
	Plantation	Ramgarh	Thanakalan	Mo maniar	UPF Boul	10	482900	#	#
					Total	70	3380300		
			Total			70	3380300		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Replenishment & Enhancement of Forest Cover (REFC)									
Maintenance of Plantation with 500 Tall Plants model									
1st Maintenance - 500 Tall Plants model									
2nd Maintenance - 500 Tall Plants model									
	Maintenance	Una	Pandoga	Badhera	SL Badhera	5	13310	76°11'20. 91"E	31°26' 12.72" N
Total						5	13310		
3rd Maintenance - 500 Tall Plants model									
	maint.	Bharwain	Daulatpur	Nangal Jariyalan	S.L. Chalet	5	14300	#	#
Total						5	14300		
Maintenance of Plantation with 200 Tall Plants model									
Maintenance of Plantation with 800 Normal Plants model									
1st Maintenance - 800 Normal Plants model									
	maint.	Bangana	Bangana	Bangana	UPF Berri	15	82500	N 31°36'48"	E 076°22' '29"
	maint	Ramgarh	Thanakalan	Makrer	UPF Tanda ANOKHa	10	55000	31.51152	76.348 71
Total						25	137500		
2nd Maintenance - 800 Normal Plants model									
	maint.	Amb	Jowar	Nehri	Riii Dharuhi BC-6	5	18700	31.41'415 "	76.10'3 61"
	MAINT	Bangana	Bangana	Sola singhi	UPF Saroh C2	11	41140	N 31°34'08. 2" "	E 076°24' '83.6
	Maint.	Bangana	Bangana	Bangana	UPF Dhundla	9	33660	N 31°31'50"	E 076°25' '10"
	maint	Bangana	Bangana	Bangana	UPF Berri	5	18700	N 31°36'48"	E 076°22' '29"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maint	Bangana	Bangana	kanura	UPF Ddyar	10	37400	N 31°31'50"	E 076°25'10"
	maint	Bangana	Arloo	piploo	UPF Lakhroon	5	18700	N 31°39'47"	E 076°20'14"
	maint	Ramgarh	Thanakalan	MoManiar	Upf Boul	6	22440	31.54886	76.31951
	maint	Ramgarh	makrer	Thanakalan	upf makrer	6	22440	31.5119	76.34412
	maint	Ramgarh	Thanakalan	Kariara	upf kariara	5	18700	31.56412	76.31456
	maint	Ramgarh	raipur	Bohru	upf lidkot	5	18700	31.44111	76.39639
	maint. Of platations	Bharwain	Doulatpur	Doulatpur	S.L.Doulatupr	10	37400	#	#
	maint. Of platations	Bharwain	Lohara	Sidh Chalehar	R-II-Lohara Ac-15	5	18700	#	#
	maint. Of platations	Bharwain	Lohara	Lohara Rampur Kuthera	R-II-Lohara Ac-18	5	18700	#	#
Total						87	325380		
3rd Maintenance - 800 Normal Plants model									
	maintenance	Bangana	Bangana	Bangana	UPF Kheri	10	28600	#	#
	maint.	Bharwain	Daulatpur	Daulatpur	S.L.Doulatupr	5	14300	#	#
Total						15	42900		
Maintenance of Plantation with 500 Normal Plants model									
3rd Maintenance - 500 Normal Plants model									
Total						137	533390		
Maintenance of Plantation done under REFC Scheme									
1st Maintenance - 1100 Normal Plants model									
	Maint.	Ramgarh	Thanakalan	Momaniar	UPF Boul	2	15070	31.53472	76.30722
Total						2	15070		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Maintenance of Plantation done under 800 Normal Plants model									
1st Maintenance - 800 Normal Plants model									
	maint.	Bangana	Bangana	Bangana	UPF Berri	15	82500	N 31°36'48"	E 076°22' 29"
					Total	15	82500		
2nd Maintenance - 800 Normal Plants model									
	maint	Amb	Jowar	Jowar	Riii Dharuhi AC-1a	5	18700	31.44'352 "	76.12'3 16"
	MAINT	Amb	Kotla	Kotla	R-III Dharuhi BC-1	5	18700	31.40'363 "	76.11'9 82"
	Maint.	Bangana	Piploo	Arloo	UPF SUKRIAL	7	26180	N 31°42'14 3"	E 076°19' 34.2'
	Maint.	Bangana	Bangana	Kanura	DPF kanuraC2a	5	18700	N41- 41'660"	E076- 11'282 "
	maint	Ramgarh	raipur	raipur	upf Kolka	10	37400	31.49213 5	76.391 03
					Total	32	119680		
3rd Maintenance - 800 Normal Plants model									
	maint	Ramgarh	Thanakalan	Momaniar	upf chak khurwain	6	17160	31.52432	76.212 82
	maint	Bharwain	Daulatpur	Sanghnai	S. L. Sanghnai	5	14300	#	#
	mait.	Bharwain	Lohara	Sidh Chalehar	R-II-Lohara ac-10	4	11440	31-46- 42.8	076- 05- 07.1
					Total	15	42900		
					Total	64	260150		
Nursery Raising									
Nursery Raising									
Nursery Raising									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	New Nursery raising	Una/Bangan a/Bharwain/ Amb/Ramga rh	6 blocks	Basal/Akoi ki dhar/Ramp ur Kuthera/Bh aira	Ghandawal NurseryUna/Tiase r&Berrian/Saloi/N andpur	140800	1346048	#	#
	Maint. of Nursery 2nd year	Una/Bangan a/Bharwain/ Amb/Ramga rh	6 blocks	Basal/Akoi ki dhar/Ramp ur Kuthera/Bh aira	Ghandawal NurseryUna/Tiase r&Berrian/Saloi/N andpur	22950	131503.5	#	#
	Maint. of Nursery 3rd year	Una/Bangan a/Bharwain/ Amb/Ramga rh	6 blocks	Basal/Akoi ki dhar/Ramp ur Kuthera/Bh aira	Ghandawal NurseryUna/Tiase r&Berrian/Saloi/N andpur	2971	8526.77	#	#
					Total	166721	1486078.27		
			Total			166721	1486078.27		
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
	Subsidiary Silviculture Operations	Bharwain	Panjaj	Bhaderkali	R-I-Panjaj C-5	21.04	115700	31-47- 923	076- 03-190
					Total	21.04	115700		
			Total			21.04	115700		
Protection of Plantations & Forests									
Construction of Boundary Pillars									
Construction of Boundary Pillars									
	Construction of Boundary Pillars	Amb	Jowar	L/sail	RIII Dharuhi C	9	54000	31.44"08. 66"	76.11'0 4.65"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Construction of boundary pillars	Amb	Jowar	Lambasail	RIII dharuhi C	17	51000	31.44°08.67"	76.11°04.68"
	construction of boundary pillar	Amb	Jowar	repoh/suri	R-III daruhi D	27	81000	31.42°50'50"	76.12°88'50"
	constructio of boudary pillar	amb	Jowar	Lambasail	RIII Dharuhi E	2	12000	31.44°08.61	76.11°04.62"
	construction of boudary pillar	amb	Jowar	Lambasail	RIII Dharuhi E	6	18000	31.44°08.62	76.11°04.63"
	constructioin of boudary pillar	amb	kotla	kotla	RIII Dharuhi F	16	96000	31.41°88'00"	76.11°28'00"
	construction of boudary pillar	amb	Kotla	dhargujjran	RIII Dharuhi G	11	66000	31.12°36.51"	76.11°09.43"
	construction of boudary pillar	amb	Kotla	dhar	RIII Dharuhi G	28	84000	31.39°23.60"	76.11°18.90"
	construction of boudary pillar	Bharwain	Bharwain	Guret	R-II-Lohara Bc-5	3	18000	-	-
				Total		119	480000		
						119	480000		
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
	Upto 25% Lantana	Bangana	Arloo	Sola Singhi	UPF Daroh	5	78250	31.37°37"	076.22°28"
	Upto 50% infested with Lantana	Amb	Gagret	badoh	S.L.Badoh	10	251000	31.37°45'00"	76.03°31'31"
					Total	15	329250		
Clearing of Areas Infested upto 50%									
	upto 50%	Bharwain	Panjal	Pirthipur	R-I Panjal C-15	5	125500	31-49-254	076-01-902
	upto 50%	Una	Santoshgarh	bangarh	LCA Bangarh	10	251000	31°29'28.08"N	76°17'54.89"E



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	upto 50%	Ramgarh	Talmehra	Chowki	DPF chowki	10	251000	31.595	76.220 83
					Total	25	627500		
Clearing of Areas Infested upto 75%									
	upto 75%	Amb	Kotla	repoh	RIII dharuhi DC-2	10	251000	31.42'502 "	76.12'8 83"
	upto 75%	Ramgarh	Thanakalan	kariara	UPF Busal	10	251000	31.57611	76.397 22
					Total	20	502000		
Clearing of Areas Infested upto 100%									
	upto 100%	Bangana	Arloo	Bharmout	UPF Bharmot	10	251000	31-38'54"	076- 19'22"
					Total	10	251000		
					Total	70	1709750		
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									
	Clearing of area	Bangana	Bangana	kanura	UPF Tiasar c1	10	46310	N31-32- 50.3	E76- 25- 00.5
	Clearing of area	Ramgarh	Thanakalan	MoManiar	DPF Mo maniar c1	15	69465	31.5983	76.253 12
					Total	25	115775		
2nd Year Activity-1st Maint. / 50% Infested Areas									
	Clearing of area	Bangana	Arloo	Piploo	UPF Hatloun	10	66110	N31-39- 29.73	E076- 20- 32.11
	Clearing of area	Bharwain	Panjaj	Bhaderkali	R-I-Panjaj C-6	10	66110	31-48- 18.4	076- 03- 04.7
					Total	20	132220		
2nd Year Activity-1st Maint. / 75% Infested Areas									
	Clearing of area	Ramgarh	Raipur	Saili	UPF Gharwasra c1	10	76010	31.49111	76.376 67



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						10	76010		
2nd Year Activity-1st Maint. / 100% Infested Areas									
3rd Year Activity-2nd Maint. / 25% Infested Areas									
	Clearing of area	Bangana	Bangana	kanura	UPF Berri	15	27967.5	N31-32-50.3	E76-25-00.5
Total						15	27967.5		
3rd Year Activity-2nd Maint. / 50% Infested Areas									
	Clearing of area	Una	Pandoga	Badhera	SL Badhera	5	16747.5	31°27'0.85"N	76°11'3.19"E
	clearing of area	bangana	Bangana	Bangana	UPF Dhundla	9	30145.5	-	-
Total						14	46893		
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	Clearing of area	Bangana	Bangana	Bangana	UPF Berri	15	70042.5	#	#
Total						15	70042.5		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
4th Year Activity-3rd Maint. / 25% Infested Areas									
	Clearing of area	Bangana	Bangana	Sola singhi	UPF Saroh C2	11	20509.5	#	#
	Clearing of area	Bangana	Arloo	Piploo	UPF SUKRIAL	7	13051.5	#	#
Total						18	33561		
4th Year Activity-3rd Maint. / 50% Infested Areas									
	Clearing of area	Amb	jowar	jowar	Riii Dharuhi AC-Ia	3	10048.5	31-44'700'	076-12'400"
	Clearing of area	Amb	jowar	jowar	Riii Dharuhi AC-IB	3	10048.5	31-45'391"	076-12'070"
	Clearing of area	Amb	jowar	L/sail	Riii Dharuhi EC-1	3	10048.5	31.44"08.66"	76.11'04.65"
	Clearing of area	Bangana	Bangana	Bangana	UPF Dhundla	9	30145.5	#	#
	clearing of area	Banganga	Bangana	Kanura	DPF kanuraC2a	5	16747.5	-	-
	clearing of area	Bharwain	Lohara	Sidh chalehar	R-II-Lohara Ac-15	5	16747.5	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	clearing of area	bharwain	Lohara	Rampur kuthera	R-II-Lohara AC-18	5	16747.5	-	-
	clearing of area	Ramgarh	raipur	Bohru	UPF lidkot	5	16747.5	31.44111	76.39639
	clearing of area	ramgarh	Thanakalan	Momniar	upf boul	6	20097	31.53832	76.32812
	clearing of area	ramagrh	thanakalan	Makrer	UPF makrer	6	20097	31.51112	7635412
					Total	50	167475		
4th Year Activity-3rd Maint. / 75% Infested Areas									
	lantana eradiction	amb	Jowar	Nehri	Riii Dharuhi BC-2	5	23347.5	31-41'751"	076-11'553"
	lantana eradiction	amb	kotla	kotla	Riii Dharuhi BC-1	5	23347.5	31-41'757"	076-11'554"
	clearing of area	Bangana	Bangana	Bangana	UPF Berri	5	23347.5	-	-
	clearing of area	Bangana	Bangana	Kanura	UPF Ddyar	10	46695	-	-
	clearing of area	Bharwain	lohara	chowar	R-II-Lohara Ac-1	5	23347.5	-	-
	clearing of area	Bharwain	Daulatpur	Daulatpur	S.L. Daulatpur	10	46695	-	-
	clearing of area	Una	Pandoga	pandoga	SL Ispur	5	23347.5	31°27'0.89	76°11'3.15
	clearing of area	Ramgarh	Thanakalan	Kariara	DPF Kariara	5	23347.5	31.54432	76.32481
	clearing of area	Ramgarh	Raipur	Raipur	Upf Kolka	10	46695	31.49213	76.39103
					Total	60	280170		
4th Year Activity-3rd Maint. / 100% Infested Areas									
	Lantana Eradiction	Amb	Jowar	Nehri	Riii Dharuhi BC-6	5	23347.5	31.41'385"	76'10'410"
	Lantana eradiction	Amb	Kotla	Kotla	Riii Dharuhi FC-1	10	46695	31.40'826"	76.12'129"
	Clearing of area	Bangana	Arloo	Piploo	UPF Lakhroon	5	23347.5	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	20	93390		
			Total			247	1043504		
Pest and Disease Control in Forests									
Pest and Disease Control in Forests									
Pest and Disease Control in Forests									
	-	Bharwain	Bharwain	Bharwain	R-II-Lohara Bc-1, Bc-2, Bc-3, Bc-4, Bc-12	200	500000	#	#
					Total	200	500000		
			Total			200	500000		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	Fire watcher	Amb	all	All	all	1064	319200	#	#
	Treatment, Transportation and disposal of dead WL animal	Una	all	all	all	150	450000	#	#
	Hiring of water tank	una	all	all	all	3	150000	#	#
	Hiring of vehicle for forest fire and night patrolling	Bangana	all	all	all	1	200000	#	#
	Maintenance of fire line	Bangana	Arloo	Arloo	Oel Da Ban	3	33000	#	#
	Maintenance of fire line	Bangana	Sohari takoli	Akoi Di Dhar	DPF Akoi Di Dhar	5	55000	#	#
	Maintenance of fire line	Bangana	Sohari takoli	Chouli	DPF Behlan	5	55000	#	#
	Maintenance of fire line	Bangana	Sohari takoli	Chouli	UPF Bhindla	2.7	29700	#	#
	Maintenance of Internal fire line	Bangana	Sohari takoli	Akoi Di Dhar	DPF Akoi Di Dhar	0.3	1485	#	#
	Maintenance/clearance of fire lines	Bharwain	all	all	all	29.1	174600	#	#
	Control burning	Bharwain	Lohara	Sidh Chaler	R.II.Lohara AC 13	10	6000	#	#
	Control Burning	Bharwain	Lohara	Sidh Chaler	R-II-Lohara AC-9	15	9000	#	#
	Control Burning	Bharwain	Lohara	Chowar	R.II.Lohara AC 2	20	12000	#	#



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Control burning	Bharwain	Lohara	Chowar	R-II-Lohara AC-3	10	6000	#	#
	Control burning	Bharwain	Lohara	Rampur Kuthera	R-II-Lohara AC-22	30	18000	#	#
	Cntroll burning	Bharwain	Bharwain	Guret	R-II-Lohara BC10	20	12000	#	#
	Cntroll burning	Bharwain	Panjal	Joh	R.I.Panjal C20	15	9000	#	#
	Cntroll burning	Bharwain	Panjal	Saloh Beri	R-I-Panjal C-34	15	9000	#	#
	Cntroll burning	Bharwain	Bharwain	Badhmana	R.I.Panjal C.1	20	12000	#	#
	Cntroll burning	Bharwain	Bharwain	Badhmana	R.I.Panjal C3	20	12000	#	#
	Collection of pine needles	Bharwain	Bharwain/Lohara	All	all	200	100000	#	#
	Community awareness workshop/meeting	Bharwain	all	all	all	42	210000	#	#
	Hiring of vehicle for fire season	Bharwain	all	all	all	3	120000	#	#
	Community awareness workshop/meetings	Bharwain	all	all	all	42	294000	#	#
					Total	1725.1	2296985		
						1725.1	2296985		
Soil and Moisture Conservation Works									
Soil Conservation Works in Forest Areas									
	Dry Store Check Dam	Ramgarh	Thanakalan	Mo maniar	UPF Chakroa	80	320000	31.97972	76.49833
	Trenches	Ramgarh	Thanakalan	Mo maniar	UPF Mou Khas	30	90000	31.56056	76.28583
	Trenches	Ramgarh	Raipur	Paroian	UP ParoiAN c2	30	60000	31.41222	76.31813
	DRSM	Bangana	Bangana	Bharmout	DPF Bharmout	5	60000	31.19'06"	076.18'45"
	DRSM	Bangana	Bangana	Kanura	UPF Tureta	10	110000	31.34'33.84"	076.24'6.80"
	DRSM	Bangana	Bangana	Kanura	UPF Naloot	9	99000	31.32'1.420"	076.25'22.44"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	DRSM	Bangana	Bangana	Sola Singhi	UPF Daroh	8	80000	31.37'37"	076.22'28"
	DRSM	Bangana	Bangana	Bharmout	DPF Tamlet dhnet c1	10	100000	31.38'4"	076.22'28"
	Cons. Of Creat wire structure	Bharwain	Lohara	Chowar	Evacue Area Saloi	2	120000	31-42-738	076-07-856
	Cons. Of Creat wire structure	Bharwain	Bharwain	Bharwain	R-II-Lohara Bc-1	3	180000	31-47-480	076-09-175
	Const. of Silt Detection Structure (CC)	Bharwain	Lohara	Chowar	Evacue area Saloh	3	150000	31-42-792	076-07-884
	Const. of Silt Detection Structure (CC)	Bharwain	Lohara	Sidh Chaler	R-II-Lohara AC-15	4	140000	31-45-20.1	076-05-53.1
	Const. of Silt Detection Structure (CC)	Bharwain	Bharwain	Bharwain	R.II.Lohara BC1	2	100000	31-47-443	076-08-19.7
	Crate wire Structure	Una	Una	Lam	R.F.Lam	15	300000	31°31'42.58"N	76°16'51.97"E
	Crate wire Structure	Una	Kungrat	Palkwah	S.L.Palkwah	15	300000	31°25'14.70"N	76°13'36.32"E
	Dry Stone Check Dam	Una	Una	Lam	RF Lam	25	300000	31°31'42.58"N	76°16'51.97"E
	Dry stone check dam	Una	Santoshgarh	Lamlehri	S.L.Lamlehri	25	300000	31°29'14.03"N	76°18'7.53"E
	Dry stone check dam	Una	Kungrat	Dulehar	S.L.Dulehar	20	240000	31°25'29.00"N	76°12'7.01"E
	Dry stone check dam	Una	Kungrat	Polian	S.L.Janani	20	240000	31°23'40.94"N	76°13'13.07"E
					Total	316	3289000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						316	3289000		
Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
	Carriage of injured wild animal and dead body of animals	Amb	all	all	all	1/s	150000	#	#
	Carriage of injured wild animal and dead body of animals	Bharwain	all	all	all	1/s	50000	#	#
	Animal Rescue centre	una	Santoshgarh	Behdala	SL Behdala	0	2000000	31°26'33.15	76°16'52.32
	Medical Treatment	Bharwain	all	all	all	1/s	10000	#	#
Total						0	2210000		
Total						0	2210000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	Renovation of Poly House	Amb	Amb	Bhaira	Nandpur Nursery	1	200000	31.36°87'4"	76.08°759"
	Renovation of vermi compost unit	Amb	Amb	Bhaira	Nandpur Nursery	1	75000	31.36°87'4"	76.08°759"
	Sprinkler system for nursary	Ramgarh	Thanakalan	Mo maniar	jOGI pANGA	1	200000	31.5425	76.31667
Total						3	475000		
Total						3	475000		
Information Technology and Communication									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
	Ketch Pole	una	una	una	una	6	60000	31°27'52.06"N	76°15'44.56"E
Total						6	60000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						6	60000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	BO Office cum resi	una	Santoshgarh	Behdala	behdala	1	2000000	31°26'33.15"N	76°16'52.32"E
Total						1	2000000		
Total						1	2000000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Watch tower	Ramgarh	Talmehra	Dhiunsar	Watch tower	1	550000	#	#
	Timber depot	Ramgarh	Thanakalan	Momaniar	Timber depot	1	800000	#	#
	Watch tower	Ramgarh	Thanakalan	Makrer	Watch tower	1	550000	#	#
Total						3	1900000		
Total						3	1900000		
Survey and Mapping of Forest Areas									
Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund									
Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation Works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund									
	treatment of forest khads with construction of WHS	Amb	Jowar	Nehri	Nehri	1	1500000	31-42'665"	076-10'678"
Total						1	1500000		
Total						1	1500000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	Publicity	Ramgarh	Thanakalan	Mo maniar	ALL	1	100000	#	#
Total						1	100000		
Total						1	100000		
Grand Total							23339857.3		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Name of Division - Hamirpur									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting in Lantana Cleared Areas									
Planting - 500 Tall plants									
Planting - 200 Tall plants									
	Planting	Barsar	Hareta	Panyali	P-42 Panyali c4	2	56448	31.63264	76.437 11
	Planting	Barsar	Hareta	sareri	P-41 Jharmani c1	3	84672	31.66009	76.435 01
	Planting	Bijhari	Loharli	Relli	P-14 Relli C1b	10	282240	31*71'94. 56	76*33' 96.48
	Planting	Bijhari	Chakmoh	Chalsai	U-121 Chakrala C2	10	282240	31*31*7 1'94.56	76*33' 96.48
	Planting	Nadaun	Dhaneta	karour	P-30 Karour C1b	5	141120	31*71'94. 56	76*33' 96.48
	Planting	Nadaun	Nadaun	jeehan	U-346 Sankar	2	60640	31*70*1 7.25	76*46' 58.50
	Planting	Nadaun	Nadaun	Kangoo	P-20 Malag C4	4	121280	31*40'51. 45	76*24' 54.09
	Planting with 400 tall plants	Bijhari	Bijhari	Sathwin	P-11 sathwin C2	10	448000	-	-
					Total	46	1476640		
Planting - 1100 Normal plants									
Planting - 800 Normal plants									
	Planting	Barsar	Barsar	Satrukha	DPF V Sasal c3	3	105360	31.48921	76.471 99
	Planting	Barsar	Barsar	Thethu	UPF Nain C1	3	105360	31.28112	76.312 63
					Total	6	210720		
				Total		52	1687360		
Replenishment & Enhancement of Forest Cover (REFC)									
Maintenance of Planting in Lantana Cleared Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Maintenance of Plantation with 500 Tall Plants model									
1st Maintenance - 500 Tall Plants model									
	Maintenance	Bijhari	Bijhari	Khansara	U-78 Sulahri & U77 Chpa	7	35000	N31*56'68"	E076*54'39"
	Maintenance	Bijhari	Bijhari	Sathwin	P-11 sathwin C1	5	25000	N31*513058"	E076*580638"
					Total	12	60000		
2nd Maintenance - 500 Tall Plants model									
3rd Maintenance - 500 Tall Plants model									
Maintenance of Plantation with 200 Tall Plants model									
1st Maintenance - 200 Tall Plants model									
	Maintenance	Bijhari	Bijhari	Bijhari	P-20 Kharal C2	5	12500	N31*535001"	E076*54904"
	Maintenance	Bijhari	Chakmoh	Dharsidh	U-119 Chakmoh C2	4	10000	N31*46'262"	E076*53'231'
	Maintenance	Bijhari	Chakmoh	Dharsidh	U-119 Chakmoh C2	6	15000	N31*46'203"	E76*53';383"
	Maintenance	Bijhari	Chakmoh	Chalsai	U-121 Chakrala	5	12500	N31*29'677"	E076*32'177'
	Maint.	Bijhari	Chakmoh	Chalsai	P-23 Chalsai C4d	5	12500	N31*29'477"	E076*32'007'
	Maintenance	Barsar	Barsar	Barsar	P-36 Dhar kanger c1c	3	5940	31 33" 44.87'	76 25" 29.29
	Maintenance	Barsar	Barsar	Jandrana	P-38 AM Platoo C1a & C2b	3	5940	31 35" 17.26" 31	76 30" 00.45' 76
	Maintenance	Hamipur	Hamirpur	Kuthera	P-55 Dhar Chabutra C4c	20	36400	-	-
	Maintenence	Hamipur	Hamirpur	Bajuri	burnar	5	9100	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						56	119880		
2nd Maintenance - 200 Tall Plants model									
	Maintenance	Barsar	Barsar	Thethu	DPF 1 Thethu C1a	2	3960	N 31 27 54.0	E 076 31 47.8
	Maintenance	Barsar	Barsar	Satrukha	DPF V Satrukha 1 C1c	3	5940	N 31 30 08.7	E 076 27 28.3
	Maintenance	Barsar	Barsar	Khazian	P-31 Khazian C2d	3	5940	N 31 30 11.5	E 076 29 34.8
	Maintenance	Barsar	Barsar	Techh	P XI RP C5b	2	3960	N 31 35 18.8	E 076 24 27.3
	Maintenance	Barsar	Hareta	Kashmir	P XV Kashmir c3a	2	3960	N 31.63704	E 76.409 47
	Maintenance	Barsar	Hareta	sareri	U224 Nara C1 & C2	1	1980	N 31.63890	E 76.475 80
	Maintenance	Barsar	Hareta	Panyali	U-244 Panyali C2	2	3960	N 31.66276	E 76.424 00
	Maintenance	Barsar	Bumbloo	Jandrana	P-38 AM Platoo C1c	3	5940	-	-
	Maintenance	Aghar	Aghar	Samtana	P-8 Samtana C3b	5	9900	-	-
	Maintenance	Aghar	Aghar	Bhareri	UPF Amroh	5	9900	-	-
	Maintenance	Aghar	Jhiralari	Dhurkhar	P-47 Dhurkhar C2a & C2b	5	9900	-	-
	Maintenance	Aghar	Aghar	Ukhli	P-5 Humal C1d	5	9900	-	-
Total						38	75240		
Maintenance of Plantation with 800 Normal Plants model									
1st Maintenance - 800 Normal Plants model									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
2nd Maintenance - 800 Normal Plants model									
	Planting	Bijhari	Chakmoh	Dharsidh	P-16 Dharsidh C2a	2	9200	N31*27'258"	E076*32'365'
	Planting	Bijhari	Chakmoh	Dharsidh	P-16 Dharsidh C2a	3	13800	N31*29'593'	E076*32'504'
	Planting	Bijhari	Bijhari	Bijhari	P-20 Kharal C2	5	23000	-	-
	Planting	Bijhari	Loharli	Baragram	U-108 Chaleli	5	23000	-	-
	Planting	Bijhari	Loharli	Dharsidh	P-16 Dharsidh C2a	5	23000	-	-
	Maintenance	Barsar	Barsar	Satrukha	DPF V Satrukha C1a	3	15000	N31 31 03.5	E076 27 01.03
	Maintenance	Barsar	Hareta	Hareta	U-214 Gandoli	2	10000	N31.5999	E76.46131
	Maint. of Plant.	Aghar	Jhiralari	Salan	P-26 Salan C3	5	14250	-	-
					Total	30	131250		
3rd Maintenance - 800 Normal Plants model									
	Planting	Bijhari	Chakmoh	Dharsidh	P-16 Dharsidh C3c	10	42000	N31*27'258"	E076*32'365'
	Planting	Bijhari	Chakmoh	Bihroo	P-18 Bihroo C1 & C3	11	46200	N31*29'593'	E076*32'504'
	Maint. of Plant.	Hamipur	Hamirpur	Kuthera	P-55 Dhar Chabutra C2d	5	12000	-	-
	Main. of Plant.	Hamipur	Hamirpur	Kuthera	P-55 Dhar Chabutra C4a	3	7200	-	-
					Total	29	107400		
				Total		165	493770		
Nursery Raising									
Nursery Raising									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Nursery Raising									
	Raising of Nursery	All ranges	All blocks	All beats	---	185825	2156480	-	-
					Total	185825	2156480		
			Total			185825	2156480		
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
	Subsidiary Silviculture operations	Bijhari	Loharli	Dharsidh	P-16 Dharsidh C1b	15	75000	N31*28'077"	E076*33'786'
	Subsidiary Silviculture Operations	Hamipur	Hamirpur	Bajuri	P-48 Bajuri	30	150000	31.679648 N	76.50652
	Subsidiary Silviculture Operations	Nadaun	kangoo	Kangoo	P-20 Malag C2d	10	50000	31*39'26.4	76*24'27.6
					Total	55	275000		
			Total			55	275000		
Protection of Plantations & Forests									
Construction of Boundary Pillars									
Construction of Boundary Pillars									
	Replacement of old with new one	Bijhari	Chakmoh	Chalsai	P-23 Chalsai	20	150000	N31*30'267"	E076*32'222'
	Replacement of old with new one	Bijhari	Chakmoh	Chalsai	P-22 Gutiana Batiana	10	75000	N31*31'018"	E076*31'698'
	Replacement of old with new one	Aghar	Jhiralari	Salan	P-44 Galoh	10	50000	-	-
	Replacement of old with new one	Aghar	Jhiralari	Salan	P-45 Karer	10	50000	-	-
	Replacement of old with new one	Aghar	Jhiralari	Dhurkhar	P-47 Dhurkhar C1a	5	25000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Replacement of old with new one	Aghar	Jhiralari	Mandian	P-46 Mandiana C1b, C1a, C1c & C1d	16	80000	-	-
	Replacement of old with new one	Nadaun	Nadaun	jeehan	P-37 Kuthera	4	112500	-	-
	Replacement of old with new one	Nadaun	Nadaun	Tillu	P-39 tillu	26	112500	-	-
				Total		101	655000		
				Total		101	655000		
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
	Lantana Uprooting	Bijhari	Bijhari	Bijhari	U-91 Kot C2	5	72500	N31*32'101"	E076*32'55"
	Lantana Uprooting	Barsar	Hareta	Phal	U 216 Farshi	3	43050	31.60538	76.43441
					Total	8	115550		
Clearing of Areas Infested upto 50%									
	Lantana up rooting	Bijhari	Loharli	Loharli	U-113 Nalwar	8	184000	N31*26'012"	E076*33'612'
	Lantana up rooting	Barsar	Barsar	Techh	P XI RP C&b & C7c	5	125500	31.57416	76.42138
	Lantana up rooting	Hamirpur	Touni Devi	Uhal	Govt. Land Lagdevi	5	125500	31°45'12.95"N	76°35'49.84"E
	Lantana up rooting	Nadaun	Nadaun	Dhanpur	P-35 rarajori C2a	5	125500	31*70'08.87	76*46'26.83
	Lantana up rooting	Nadaun	Dhaneta	Amlehar	P-31 Amlehar C1a	5	125500	31*74'97.00	76*32'09.33
					Total	28	686000		
Clearing of Areas Infested upto 75%									
	Uprooting of Lantana	Bijhari	Bijhari	Khansara	U-80 Dugar C1	5	144950	N31*34'30.00"	E076*32'55"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Uprooting of Lantana	Barsar	Barsar	Khazian	P 31 Khazian C2c	5	158075	31.49682	76.49769
	Uprooting of Lantana	Hamirpur	Hamirpur	Jhaniari	UPF Bugdhar	5	131750	31° .76097N	76° .46969E
					Total	15	434775		
Clearing of Areas Infested upto 100%									
	Uprooting of Lantana	Bijhari	Chakmoh	Bihroo	P-17 Samella C1a	8	279600	N31*29'328"	E076*33'213'
					Total	8	279600		
					Total	59	1515925		
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									
2nd Year Activity-1st Maint. / 50% Infested Areas									
	Uprooting of Lantana	Barsar	Bumbloo	Jandrana	P 38 AM Platoo C2b	10	60100	31.5785	76.49151
					Total	10	60100		
2nd Year Activity-1st Maint. / 75% Infested Areas									
	Uprooting of Lantana	Bijhari	Loharli	Baragram	P-14 Relli C2a	10	70000	-	-
					Total	10	70000		
2nd Year Activity-1st Maint. / 100% Infested Areas									
	Uprooting of Lantana	Bijhari	Chakmoh	Chalsai	U-121 Chakrala C2	10	70000	-	-
	Uprooting of Lantana	Bijhari	Bijhari	Sathwin	P-12 Khalawat C4	10	70000	-	-
	Uprooting of Lantana	Barsar	----	----	---	4	27640	-	-
					Total	24	167640		
3rd Year Activity-2nd Maint. / 25% Infested Areas									
	Uprooting of Lantana	Bijhari	Bijhari	bijhari	P-20 Kharal C3	5	10000	-	-
	Uprooting of Lantana	Bijhari	Bijhari	Khansara	U-77 Choa & U-78 Sulhari	7	14000	-	-
	Uprooting of Lantana	Bijhari	Bijhari	Sathwin	P-11 Sathwin C1	5	10000	-	-
	Uprooting of Lantana	Hamirpur	Hamirpur	Jhaniari	P-51 Dugnehra C2	3	10500	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						20	44500		
3rd Year Activity-2nd Maint. / 50% Infested Areas									
	Uprooting of Lantana	Hamirpur	Sujanpur	Karot	UPF Vandhar	5	25000	-	-
	Uprooting of Lantana	Hamirpur	Sujanpur	Patlander	Govt. Land Chamiana	2	10000	-	-
	Uprooting of Lantana	Hamirpur	Sujanpur	Karot	P-1 Karot C1b	5	25000	-	-
	Uprooting of Lantana	Hamirpur	Sujanpur	Jhaniari	P-53 Samloohi C3	2	10000	-	-
	Uprooting of Lantana	Aghar	Aghar	Aghar	P.5 Humal C-2b	10	25500	-	-
	Uprooting of Lantana	Aghar	Aghar	Aghar	UPF.30 Chakroa	5	12750	-	-
Total						29	108250		
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	Uprooting of Lantana	Bijhari	Loharli	Relli	P-14 Relli C3b	10	45000	-	-
	Uprooting of Lantana	Hamirpur	Hamirpur	Bajuri	P-48 Bajuri C3c	5	28750	-	-
Total						15	73750		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
	Uprooting of Lantana	Barsar	Bumbloo	Jandrana	P 38 AM Platoo C2b	4	16980	31.57251	76.49558
Total						4	16980		
4th Year Activity-3rd Maint. / 25% Infested Areas									
	Uprooting of Lantana	Bijhari	Bijhari	Bijhari	P-20 Kharal C3c	3	6000	-	-
	Uprooting of Lantana	Bijhari	Bijhari	Khansara	U-80 Dugar C2	5	10000	-	-
	Uprooting of Lantana	Bijhari	Bijhari	Pehrwin	P-10 Pehrwin C4	5	10000	-	-
	Uprooting of Lantana	Barsar	Barsar	Barsar	P 35 Jathuda C2	5	8475	31 31" 52.2'	76 27" 40.9"
	Uprooting of Lantana	Barsar	Barsar	Khazian	P 31 khazian C1c	5	8475	31 30" 32.93'	76 29" 37.70'
	Uprooting of Lantana	Aghar	Aghar	Aghar	P.5 Humal C-3b	5	7000	-	-
	Uprooting of Lantana	Hamirpur	Hamirpur	Chabutra	P-55 Dhar Chabutra C2c	34.8	48720	-	-
	Uprooting of Lantana	Hamirpur	Touni Devi	Awah Devi	Govt. Land Matlana	12	16800	-	-
Total						74.8	115470		
4th Year Activity-3rd Maint. / 50% Infested Areas									



HP State Authority – APO For the Year 2022-23

Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Uprooting of Lantana	Bijhari	Bijhari	Khansara	P-25 Khansara C4	5	16000	-	-
	Uprooting of Lantana	Bijhari	Bijhari	Khansara	U-78 Sulhari	5	16000	-	-
	Uprooting of Lantana	Bijhari	Chakmoh	Chalsai	P-23 Chalsai C4d	5	16000	-	-
	Uprooting of Lantana	Bijhari	Loharli	Relli	P-14 Relli C3c	5	16000	-	-
	Uprooting of Lantana	Barsar	Bumbloo	Jandrana	P 38 AM Platoo C1c	5	15225	31 35 22.64	76 30 6.77
	Uprooting of Lantana	Barsar	Bumbloo	Bumbloo	P 37 Bakroh C1d	5	15225	31 34 26.2	076 29 52.6
	Uprooting of Lantana	Barsar	Barsar	Thethu	UPF Nain C1	5	15225	31 28" 20.0"	76 31" 22.0
	Uprooting of Lantana	Barsar	Hareta	Hareta	U 210 Gandoli	5	15225	31.60152	76.459 88
	Uprooting of Lantana	Barsar	Hareta	Hareta	U 202 Hareta C1,C6	5	15225	31.60458	76.486 67
	Uprooting of Lantana	Barsar	Hareta	Kashmir	P 15 Kashmir C3d	5	15225	31.63645	76.410 5
	Uprooting of Lantana	Aghar	Aghar	Aghar	UPF Chaukar	5	12500	-	-
	Uprooting of Lantana	Aghar	Bhareri	Bhareri	U.3 Amroh	5	12500	-	-
	Uprooting of Lantana	Hamirpur	Hamirpur	Hamirpur	UPF Lahar	3	7650	-	-
	Uprooting of Lantana	Hamirpur	Hamirpur	Janiari	P-53 Samloohi C4	5	12750	-	-
	Uprooting of Lantana	Hamirpur	Hamirpur	Chabutra	P-55 Dhar Chabutra C1c	4.53	11551.5	-	-
	Uprooting of Lantana	Nadaun	Kangoo	Kangoo	P-20 Malag C1a	5	14000	31*70'15. 22	76*46' 23.42
	Uprooting of Lantana	Nadaun	Kangoo	Dangri	P-23 Loharkhar C1b	5	14000	-	76*46' 23.83
	Uprooting of Lantana	Nadaun	Dhaneta	Karour	P-30 Karour C1a	5	14000	31*71'95. 55	76*33' 96.46
	Uprooting of Lantana	Nadaun	Nadaun	Rangas	P-32 Naungi C3b	5	14000	31*70'8.8 7	76*46' 23.83
	Uprooting of Lantana	Nadaun	Nadaun	Tillu	P-38 Kuthar C1c	5	14000	31*75'28. 15	76*38' 35.42
					Total	97.53	282301.5		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
4th Year Activity-3rd Maint. / 75% Infested Areas									
	Uprooting of Lantana	Bijhari	Chakmoh	Dharsidh	P-16 Dharsidh C2a	4	18000	-	-
	Uprooting of Lantana	Bijhari	Loharli	Loharli	P-16 Dharsidh C5b	4	18000	-	-
					Total	8	36000		
4th Year Activity-3rd Maint. / 100% Infested Areas									
	Uprooting of Lantana	Bijhari	Chakmoh	Dharsidh	P-1 6 Dharsidh C2a	3	13500	-	-
	Uprooting of Lantana	Barsar	Bumbloo	Jandrana	P 38 AM Platoo C1a	2	8490	31 35" 16.18	76 29" 99.1'
	Uprooting of Lantana	Hamirpur	Hamirpur	Chabutra	P-55 Dhar Chabutra C4c	20	71000	-	-
					Total	25	92990		
					Total	317.33	1067981.5		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	Maintenance of Fire Lines	Bijhari	Bijhari	Bijhari	P-20 Kharal & P-21 Bijhari	5	15000	N31*32'9 .654" N31*3	E076* 33'8.10 8" E076
	Maintenance of Fire Lines	Bijhari	Bijhari	Khansara	P-25 Khansara	3	9000	N31*34'1 1.20"	E076* 33'12.9 5"
	Maintenance of Fire Lines	Bijhari	Bijhari	Pehrwin	P-10 Pehrwin & P-19 Kharal	4.5	13500	N31*31'2 36" N31*32'	E076* 34'305' ' E076* 3
	Maintenance of Fire Lines	Bijhari	Bijhari	Sathwin	P-12 Khilawat & P-11 Sathwin	3	9000	N31*30'3 6.2" N31*30	E076* 34'28.0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
									" E076*
	Maintenance of Fire Lines	Bijhari	Chakmoh	Dharsidh	P-16 Dharsidh	5	15000	N31*27'8 4.6"	E076* 32'69.6 "
	Maintenance of Fire Lines	Bijhari	Chakmoh	Bihroo	P-17 samella	2	6000	N31*28'6 17"	E076* 33'783' ,
	Maintenance of Fire Lines	Bijhari	Chakmoh	Bihroo	P-18 Bihroo	4	12000	N31*29'1 52"	E076* 34'000' ,
	Maintenance of Fire Lines	Bijhari	Chakmoh	Chalsai	P-22 Gutiana Batiana	3	9000	N31*30'3 55"	E076* 31'300' ,
	Maintenance of Fire Lines	Bijhari	Chakmoh	Chalsai	P-23 Chalsai	4	12000	N31*29'4 41" '	E076* 31'780' ,
	Maintenance of Fire Lines	Bijhari	Chakmoh	Ghangot	P-24 Ghangot	3	9000	N31*28'0 50"	E076* 32'219' ,
	Maintenance of Fire Lines	Bijhari	Loharli	Relli	P-14 Relli	5	15000	-	-
	Maintenance of Fire Lines	Bijhari	Loharli	Loharli	P-16 Dharsidh & P-15 Kalwal	6	18000	-	-
	Maintenance of Fire Lines	Bijhari	Loharli	Baragram	P-14 Relli	4	12000	-	-
	Maintenance of Fire Lines	Barsar	Barsar	Barsar	P 35 Jathunda C1.C2	1.2	4800	-	-
	Maintenance of Fire Lines	Barsar	Barsar	Barsar	P 36 Dhar Kanger C4a to C4c	1.75	7000	-	-
	Maintenance of Fire Lines	Barsar	Barsar	baliah	P 32 Ghumaeri C4	1.5	6000	-	-
	Maintenance of Fire Lines	Barsar	Barsar	Khazian	P 31 Khazian C1c to C1d	0.5	2000	-	-
	Maintenance of Fire Lines	Barsar	Barsar	Satrukha	DPF V Satrukha C1d, C1a, c1b	18	72000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					(NB), C1b (SB), C1c				
	Maintenance of Fire Lines	Barsar	Barsar	Thethu	DPF I Thethu C1a to C1b	3	12000	-	-
	Maintenance of Fire Lines	Barsar	Hareta	sareri	P 41 Jharmani C1 to C5	1	4000	-	-
	Maintenance of Fire Lines	Barsar	Hareta	Panyali	P 42 Panyali C1a to C1b	1	4000	-	-
	Maintenance of Fire Lines	Barsar	Hareta	Hareta	P 43 Noral C1a to C1b	1	4000	-	-
	Maintenance of Fire Lines	Barsar	Hareta	Kashmir	P 15 Kashmir Forest	2.6	10400	-	-
	Maintenance of Fire Lines	Barsar	Hareta	Kashmir	U 231 Samjaal	0.5	2000	-	-
	Maintenance of Fire Lines	Barsar	Bumbloo	Jandrana	P 38 AM Platoo C3a to C5	1.75	7000	-	-
	Maintenance of Fire Lines	Barsar	Bumbloo	Bumbloo	P 37 bakroh C3 to Akkran	0.5	2000	-	-
	Maintenance of Fire Lines	Barsar	Bumbloo	Desan	P 28 Desan	1.5	6000	-	-
	Maintenance of Fire Lines	Aghar	Jhiralari	Jhiralari	P.6 Dhar J. Jakh C-7a to C-7b	1	2700	-	-
	Maintenance of Fire Lines	Aghar	Jhiralari	Mandiana	P.46 Mandiana C-2b to C-3c	1	2700	-	-
	Maintenance of Fire Lines	Aghar	Jhiralari	Dhurkhar	P.47 Dhurkhar C-2c to C-2a	1	2700	-	-
	Maintenance of Fire Lines	Aghar	j	Salan	P.26 Salan C-3b to C-2c to C-1d,	1.5	4050	-	-
	Maintenance of Fire Lines	Aghar	Jhiralari	Jharnot	P.6 Dhar J. Jakh C-4a to C-2d	1.5	4050	-	-
	Maintenance of Fire Lines	Aghar	Jhiralari	Jharnot	P.6 Dhar J. Jakh C-6a to C-6b	4	10800	-	-
	Maintenance of Fire Lines	Nadaun	kangoo	Kangoo	P-20 Malg C2d to C3d	1	2700	N31°41'34.9"	E76°24'54.9"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maintenance of Fire Lines	Nadaun	kangoo	Kangoo	P-21 Badhera C1d	1	2700	N31°39'6 0.7"	E76°2 59.09"
	Maintenance of Fire Lines	Nadaun	kangoo	Jassai	P-18 Jassai C2b to C2a	1.75	4725	N31°39'2 4.3"	E76°2 4'22.6"
	Maintenance of Fire Lines	Nadaun	kangoo	Batran	P-28 Bhounti C1b to C2c	1.25	3375	31*39'61. 4	76*24' 05.3
	Maintenance of Fire Lines	Nadaun	kangoo	Dangri	P-23 Loharkhar C1a to C1c	1	2700	N31°42'5 3.0"	E76°2 4'58.0"
	Maintenance of Fire Lines	Nadaun	kangoo	Batran	P-24 Batran C1a to C1b	1	2700	31*40'12. 4	76*24' 45.8
	Maintenance of Fire Lines	Nadaun	Dhaneta	karour	P-30 Karour C1a to 1d	2	5400	N31°43' 21"	E76°2 0'12"
	Maintenance of Fire Lines	Nadaun	Nadaun	Rangas	P-32 Naungi c2c to c2b	1	2700	N31°43' 30"	E76°2 7'40"
	Maintenance of Fire Lines	Nadaun	Nadaun	Chathiar	P-33 Bodh c1a to c1d	2	5400	N31°44' 942"	E76°2 7'697"
	Maintenance of Fire Lines	Nadaun	Nadaun	Tillu	P-38 Kuthar c1c to c1b	1.25	3375	N31°44' 19"	E76°2 1'21"
	Control Burning	Barsar	Barsar	---	All Beats	100	300000	-	-
	Fire Watcher	Bijhari	Bijhari	---	All 11 No. Beats of Bijhari Range	15	342000	-	-
	Fire Watcher	Barsar	Barsar	---	All Beats	15	342000	-	-
	Fire Watcher	Aghar	Aghar	Aghar	All beats	15	342000	-	-
	Fire Watcher	Hamipur	---	---	All Beats	15	342000	-	-
	Construction of Water Pond	Nadaun	jeehan	jeehan	P-36 Jeehan	1	150000	31*79'95. 05	76*48' 94.15
	Construction of Water Pond	Nadaun	Rangus	Naungi	P-32 Naungi 4b	1	150000	31*77'79. 69	76*46' 63.45
	Construction of Water Pond	Nadaun	Chathiar	Rarajori	P-35Rarajori C5a	1	150000	31*75'15. 62	76*44' 35.63
	Construction of water pond	Nadaun	Karour	Karour	P-30 karourC1b	1	100000	31*71'94. 56	76*33; 96.48
	Motor Vehicle	All ranges	---	---	---	--	200000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Water Tank	All ranges	----	----	----	---	300000	-	-
					Total	274.55	3078475		
				Total		274.55	3078475		

Soil and Moisture Conservation Works

Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings

Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings

	Rain Water Harvesitng Structures	Barsar	Barsar	Barsar	Range office Barsar	1	80000	31 33 43.97	E 076 27 49.26
	Rain Water Harvesitng Structures	Barsar	Hareta	Hareta	BO office Hareta	1	80000	31.60721	76.487 35
	Rain Water Harvesitng Structures	Barsar	Bumbloo	Bumbloo	Gang Hut Bumbloo	1	80000	31 33 50.5	76 29 42.3
	Rain Water Harvesitng Structures	Aghar	Aghar	Aghar	RO Residence & BO Residence	2	200000	-	-
					Total	5	440000		
				Total		5	440000		

Soil Conservation Works in Forest Areas

	Crate wire Check Dam	Hamirpur	Hamirpur	Kuthera	P-55 Dhar Chabutra C4a	3	300000	31°45'25 "	076°29 '32"
	Crate wire Check Dam	Hamirpur	Hamirpur	Chabutra	UPF Louhal	5	250000	31*45'43' 'N	76*29' 31"E
	Crate wire Check Dam	Hamirpur	Hamirpur	Chabutra	Matlana	5	150000	31°74'35. 34	76°67' 24.93"
	Crate wire spur	Barsar	Barsar	Barsar	P 35 Jathunda C4	1	95000	31.53288	76.465 26
	Crate wire spur	Barsar	Hareta	Hareta	P 43 Noral C2a	2	200000	31.60796	76.487 37
	Crate wire spur	Barsar	Hareta	Panyali	U 243 Jiana C1	2	200000	31.65022	76.438 23
	Crate wire spur	Hamirpur	Touni Devi	Lambloo	Gasota Khad	6	42000	31°66'20. 85"	76°57' 39.70"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	New Construction R/Walls	Bijhari	Chakmoh	Chalsai	P-23 Chalsai C4b	1	98000	N31*29'42"	E076*31'831'
	New Construction R/Walls	Bijhari	Chakmoh	Chalsai	P-23 Chalsai C1a	1	99000	N31*29'780"	E076*32'509'
	New Construction R/Walls	Bijhari	Chakmoh	Dharsidh	Near FRH Chakmoh	1	99000	N31*28'258"	E076*33'040'
	New Construction R/Walls	Bijhari	Bijhari	Bijhari	P-20 Kharal C3	1	99000	N31*32'4"	E076*32'48"
	New Construction R/Walls	Bijhari	Bijhari	Bijhari	P-20 Kharal C2 Near Range office	1	180000	N31*31'51.77"	E076*32'28.77"
	Const. of R/Wall	Barsar	Hareta	Hareta	U 214 Kohalwin	1	100000	31.58328	76.45331
	WHS (Repair)	Hamirpur	Hamirpur	Jhaniari	P-51 dughnera C1	1	150000	31°.7211	76°.48069
				Total		31	2062000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	Up gradation and Maintenance of Modern Nurseries	Hamipur	Hamirpur	Chabutra	chabutra	1	700000	31*45'42"N	76*29'27"E
				Total		1	700000		
				Total		1	700000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	Construction of Forest Guard Hut Ropari	Aghar	Aghar	Ropari	Ropari FGD Hut	1	1200000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	1	1200000		
			Total			1	1200000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Repair of I/Path	Bijhari	Chakmoh	Chalsai	P-22 Gutiana Batiana C2b to C1c	1	90000	N31*30'8 38"	E076* 31'456'
	Repair of I/Path	Bijhari	Bijhari	Sathwin	P-11 Sathwin C1&C3	1	95000	N31*30'4 0.5"	E076* 35'09.2 "
	Repair of I/Path	Bijhari	Bijhari	Bijhari	P-20 Kharal C1 & C4	1	95000	N31*32'8 .10	E076* 33'3.81 "
	Repari of Road/ Bridal Path	Aghar	Jhiralari	Jharnot	Repair of Path	11	300000	-	-
	Repari of Road/ Bridal Path	Aghar	Jhiralari	Jhiralari	Repair of Path	2	8000	-	-
					Total	16	588000		
			Total			16	588000		
Survey and Mapping of Forest Areas									
Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund									
Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation Works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund									
	Survey and Mapping of Forest Areas for Forest Fire Control	Barsar	---	---	All Beats	1	80000	31 33 43.97	E 076 27 49.26
					Total	1	80000		
			Total			1	80000		
Survey, Mapping, digitisation and Uploading of Data on Web Portals									
Survey, Mapping, digitisation and Uploading of Data on Web Portals									
	Survey, Mapping, digitisation and Uploading of Data on Web Portals	Barsar	--	----	Range office barsar	1	100000	31 33 43.97	E 076 27 49.26



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Survey, Mapping, digitisation and Uploading of Data on Web Portals	Hamipur	All blocks	All beats	Whole Range	---	100000	-	-
					Total	1	200000		
			Total			1	200000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	Publicity awareness workshop on forest fire, Pine Needles Lantana, Van Mahotsav, Soil Water Conservation etc.	All ranges	All Block	All beats	---	1	150000	-	-
					Total	1	150000		
			Total			1	150000		
				Grand Total			16349991.5		
Name of Division - Dehra									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting in Lantana Cleared Areas									
Planting - 500 Tall plants									
	Plantation	Dehra	Bankhandi	Paisa	CFS T/khurd UC 24,25	2	123200	31-5343	76-1331
	Plantation	Dehra	Sadwan	Dhaliara	UC Dhanotu balla	2	123200	31-5147	76-1110
	plantation	Dehra	Sadwan	Bakarar	UC upper Thore c1	3	184800	31-52547	76-081737
					Total	7	431200		
Planting - 200 Tall plants									
	plantation	Dehra	Pirsaluhi	Bharanta	UC upper chaplah	1	38808	31-4146	76-1657



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	1	38808		
Planting - 1100 Normal plants									
Planting - 800 Normal plants									
			Total			8	470008		
Replenishment & Enhancement of Forest Cover (REFC)									
2nd Maintenance - 500 Tall Plants model									
	2nd year maint	Dehra	Sadwan	Pragpur	UC Kadol c2	3	7986	0	0
	2nd year maint	Dehra	Sadwan	Pragpur	UC Lag Thakaran	2	5324	0	0
	2nd year maint	Dehra	Sadwan	Pragpur	UC Lag Thakaran	2	5324	0	0
	2nd year maint	Dehra	Sadwan	Pragpur	UC Chariol aarli	3	7986	0	0
	2nd year maint	Dehra	Bankhandi	Paisa	R3 Chhamb	5	13310	0	0
	2nd year maint	Nagrota Surian	Khuman	Masroor	U11 D Jaini Masroor	5	13310	0	0
					Total	20	53240		
3rd Maintenance - 500 Tall Plants model									
Maintenance of Plantation with 200 Tall Plants model									
1st Maintenance - 200 Tall Plants model									
	1st year maint	Dehra	Bankhandi	Bankhandi	U15 D T/kalan UC18	5	10890	0	0
	1st year maint	Dehra	Dehra	Kherian	U17D Boungha c4b	5	10890	0	0
	1st year maint	Dehra	Bankhandi	Paisa	R3 Chhamb	10	21780	0	0
	1st year maint	Dehra	Bankhandi	paisa	CFS T/khurd UC-51	5	10890	0	0
					Total	25	54450		
2nd Maintenance - 200 Tall Plants model									
	2nd year maint	Dehra	Bankhandi	Paisa	CFSc CFS Paisa UC 16 & 17	5	6930	0	0
	2nd year maint	Dehra	Pirsaluhi	Bharanta	UC Chaplah upper	1	1386	0	0
	2nd year maint	Dehra	Pirsaluhi	Bharanta	UC Bharanta C1	5	6930	0	0
	2nd year maint	Dehra	Pirsaluhi	Shantla	UC Shantla c3	5	6930	0	0
	2nd year maint	Dehra	Pirsaluhi	Shantla	UC Pathiar c1	1	2662	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						17	24838		
3rd Maintenance - 200 Tall Plants model									
Maintenance of Plantation with 1100 Normal Plants model									
Maintenance of Plantation with 800 Normal Plants model									
1st Maintenance - 800 Normal Plants model									
	ist year maint	N/Surian	Khuman	Khuman	u2D Ladol c6	7	38500	0	0
	1st year maint	Nagrotas Surian	Haripur	Bilaspur	U1D Bilaspur C1	5	27500	0	0
	Ist year maint	Jawala Mukhi	Jawala Mukhi	Jawala Mukhi	U 18 D Bohan C2	5	27500	0	0
	Ist year maint	Jawala Muikhi	Bharoli	Bharoli	UP5 D Chukath C1	10	55000	0	0
	Ist year maint	Jawala mukhi	Bharoli	Kohala	U 22 D Kohala C2	5	27500	0	0
	Ist year maint	Jawala Mukhi	Bharoli	Adhwani	UP 3 D Ghangesu c2	5	27500	0	0
	Ist year maint	Jawala Mukhi	Suirani	Habrol	U 3 D Habrol c9	5	27500	0	0
Total						42	231000		
2nd Maintenance - 500 Normal Plants model									
	2nd year maint	Khundian	Khundian	Khundian	UP 8 D Mahadev C38	5	18700	0	0
Total						5	18700		
3rd Maintenance - 500 Normal Plants model									
Total						109	382228		
Maintenance of Plantation done under 800 Normal Plants model									
1st Maintenance - 800 Normal Plants model									
	1st year maint	Nagrota Surian	Khuman	Dhar	U 12 D Dhangar C4	3	16500	0	0
	Ist year maint	J/Mukhi	J/mukhi	J/mukhi	U18 D Bohan C3	10	55000	0	0
Total						13	71500		
2nd Maintenance - 800 Normal Plants model									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	2nd year maint	Khundian	Majheen	Sailkar	U7 D Majheen c13	10	37400	0	0
	2nd year maint	Khundian	Lagroo	IAGROO	u 3 d hABROL C16	5	18700	0	0
	2nd year maint	Khundian	Khundian	Pihri	U8D Kuthialta C20	2	7480	0	0
				Total	Total	17	63580		
						30	135080		
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
	Climber cutting , pruning, collection of debries from forest & burning	Dehra	Pirsaluhi	Kurna	UC Kurna C1,c2,c3	30	102000	31-4336	76-1616
	Climber cutting , pruning, collection of debries from forest & burning	Dehra	Dehra	Kherian	U 17 D Boungta C4, C5	20	68000	31-5522	76-1122
	Climber cutting , pruning, collection of debries from forest & burning	Dehra	Bankhandiq	Paisa	R3 Chamb	15	51000	31-56373	76-14083
	Climber cutting , pruning, collection of debries from forest & burning	Dehra	Pirsaluhi	Bharanta	Bharanta upper	20	68000	31-5634	76-2707
	Climber cutting , pruning, collection of debries from forest & burning	Khundian	Majheen	Sihorwala	UP 7 D Sihorwala C1	20	68000	31-50202	76-259119
	Climber cutting , pruning, collection of debries from forest & burning	Dadasiba	Dadasiba	Dadasiba	DP Dada Chatwal C4	15	51000	31-55705	76-04544
	Climber cutting , pruning, collection of debries from forest & burning	Dadasiba	Kotla	Dadoa	DP Dadoa C2b	12	40800	31-5430	76-0017



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Climber cutting , pruning, collection of debries from forest & burning	Jawala Mukhi	Bharoli	Bharoli	R 7 D Gagruhi C2	10	34000	31-4936	76-2141
				Total		142	482800		
Protection of Plantations & Forests									
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
	Lantana Eradication	Khundian	Lagroo	Dola	R1D Khalag	5	86075	31 55 5969	76 20 4298
	Removal of Lantana	Khundian	Lagroo	Bari	UP9 D THill C9	10	172150	31-57-064	076-22-471
					Total	15	258225		
Clearing of Areas Infested upto 50%									
	Removal of lantana	Dehra	Pirsaluhi	Magroo	UC Aloh[w]	2	55220	31-41-24	76-17-30
	Removal of lantana	Jawala Mukhi	Jawala Mukhi	Ghallour	UP2d Sihorpain c2	10	276100	31-50-509	076-17-176
	Removal of lantana	Khundian	Khundian	Khundian	UP8D Mahadev C37	5	138050	31-54-293	76-23-484
					Total	17	469370		
Clearing of Areas Infested upto 75%									
	Removal of lantana	Dehra	Sadwan	Bhakarar	UC upper thore c1	3	104329.5	31-52-547	76-08-1737
					Total	3	104329.5		
Clearing of Areas Infested upto 100%									
	Lantana eradication	Dehra	Dehra	Kherian	U 17 D Boungta C6	10	419430	31-57-32	76-10-17
	Lantana eradication	Jawala Mukhi	Bharoli	Adhwani	UP3 D Ghangesu C3	10	419430	31-49-267	076-18-198
					Total	20	838860		
				Total		55	1670784.5		
Maintenance of Cleared Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
2nd Year Activity-1st Maint. / 25% Infested Areas									
2nd Year Activity-1st Maint. / 50% Infested Areas									
	Removal of lantana	Dehra	Bankhandi	Tripal	UC 10a	5	138050	32.00.83 78	76-19- 1479
	Removal of lantana	Dehra	Bankhandi	Tripal	UC 9a	5	138050	31-99- 9336	76-19- 6902
	Removal of lantana	Dehra	Bankhandi	Tripal	UC 9b	10	276100	32-00- 0413	76-19- 1281
	Removal of lantana	Dehra`	Sadwan	Pragpur	R 8 D Baliyana [w]	5	138050	31-48-12	76-11- 53
	Maint., of lantana	Jawala Mukhi	Jawala Mukhi	Gummer	CFS Gummer UC1	10	66110	0	0
Total						35	756360		
2nd Year Activity-1st Maint. / 75% Infested Areas									
	Maint., of lantana	Jawala Mukhi	Jawala Mukhi	Jawala Mukhi	U 18 D Bohan C2	10	76010	0	0
	Maint., of lantana	Khundian	Majheen	Sailkar	U 7 D Majheen C23	10	76010	0	0
Total						20	152020		
2nd Year Activity-1st Maint. / 100% Infested Areas									
	Maint., of lantana	Jawala Mukhi	Bharoli	Bharoli	U 5 D Choukath C1	10	76010	0	0
	Maint., of lantana	Jawala Mukhi	Bharoli	Kohala	U 21 D Phakloh	10	76010	0	0
Total						20	152020		
3rd Year Activity-2nd Maint. / 25% Infested Areas									
3rd Year Activity-2nd Maint. / 50% Infested Areas									
	Maint., of lantana	Dadasiba	Kotla	Dadoa	UPF Darb c1	5	16747.5	0	0
	Maint., of lantana	Dadasiba	Dadasiba	Rail	UPF Kasba C3	5	16747.5	0	0
Total						10	33495		
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	Maint., of lantana	Dehra	Bankhandi	Bankhandi	U15 D T/kalan UC 18	5	23347.5	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maint., of lantana	Dehra	Dehra	Kherian	U 17 D Boungta C4b	5	23347.5	0	0
					Total	10	46695		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
	Maint., of lantana	Dadasiba	Kotla	Kanpur	UPF Beri C3	5	23347.5	0	0
	Maint., of lantana	Jawala Mukhi	Bharoli	Kohala	U 22 Kohala C2	5	23347.5	0	0
					Total	10	46695		
4th Year Activity-3rd Maint. / 25% Infested Areas									
	Maint., of lantana	Nagrota Surian	Haripur	Nandpur	U 2 D Ghamirpur C1a	5	9322.5	0	0
					Total	5	9322.5		
4th Year Activity-3rd Maint. / 50% Infested Areas									
	Maint., of lantana	Dehra	Dehra	Kherian	R 18 D Kohli Balta	10	33495	0	0
	Maint., of lantana	Dehra	Pirsaluhi	Magroo	Uc Jijjar c2	4	13398	0	0
	Maint., of lantana	Dehra	Pirsaluhi	Shantla	UC Pathiar C1	1	3349.5	0	0
	Maint., of lantana	Dehra	Pirsaluhi	Bharanta	UC Bharanta C1	5	16747.5	0	0
	Maint., of lantana	Jawala mukhi	Jawala Mukhi	Jawala Mukhi	U18 D Bohan C3	10	33495	0	0
	Maint., of lantana	Jawala Mukhi	Bharoli	BhaROLI	U5D Chowkath c2	10	33495	0	0
	Maint., of lantana	Jawala Mukhi	Surani	Habrol	R 1 D Habrol C3	5	16747.5	0	0
	Maint., of lantana	Khundian	Khundian	Khundian	UP8 D Mahadev C38	5	16747.5	0	0
	Maint of lantana	Khundian	Lagroo	Lagroo	U3D Habrol C16	5	16747.5	0	0
	Maint of lantana	Dadasiba	Dadasiba	Dadasiba	UPF Banoori c4	5	16747.5	0	0
	Maint of lantana	Nagrota Surian	Nagrota Surian	Galua	U 10 D Nagrota Surian c2	5	16747.5	0	0
	Maint of lantana	Nagrota Surian	Khuman	Masroor	U 11 D Jaini Masroor C4	5	16747.5	0	0
					Total	70	234465		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
4th Year Activity-3rd Maint. / 75% Infested Areas									
	Maint of lantana	Dehra	Bankhandi	Paisa	R 3 Chhamb	5	23347.5	0	0
	Maint of lantana	Jawala Mukhi	Jawala Mukhi	Jawala Mukhi	U 18 D Bohan C2	5	23347.5	0	0
	Maint of lantana	Jawala Mukhi	Bharoli	Kohala	U 22 D Kohala C2	5	23347.5	0	0
	Maint of lantana	Jawala Mukhi	Bharoli	Adhwani	UP 3 D Ghaneshu C2	5	23347.5	0	0
	Maint of lantana	Khundian	Khundian	Khundian	UP 8 D Mahadev C31	5	23347.5	0	0
	Maint of lantana	Khundian	Khundian	Pihri	UP 8 Kuthialta c20	5	23347.5	0	0
	Maint of lantana	Dadasiba	Kotla	Amroh	UPF Koi C2	5	23347.5	0	0
	Maint of lantana	Nagrota Surian	Nagrota Surian	Nagrota Surian	PiD Ghanvan c2a	5	23347.5	0	0
	Maint of lantana	Nagrota Surian	Nagrota Surian	Baldoa	U 9 D Baldoa c4	5	23347.5	0	0
	Maint of lantana	Nagrota Surian	Khuman	Masroor	U 11 D Jaini Masroor c6	5	23347.5	0	0
					Total	50	233475		
4th Year Activity-3rd Maint. / 100% Infested Areas									
	Maint of lantana	Dehra	Dehra	Mehwa	U 14 D Kherian C6 & c8	5	23347.5	0	0
					Total	5	23347.5		
			Total			235	1687895		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	Engagement of Fire watchers	All Ranges	All Blocks	All beats	0	880	264000	0	0
	Maint of fire lines	Jawala Mukhi	all blocks	all beats	0	12	90000	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maint of fire lines	Nagrota Surian	all blocks	all beats	0	14	105000	0	0
	Maint of fire linmes	Dadasiba	all blocks	all beats	0	12	90000	0	0
	Maint of fire lines	Khundian	all, blocks	all beats	0	14	105000	0	0
	Maint. of fire lines	Dehra	All blocks	All beats	0	45	337500	0	0
	control burning	Jawala Mukhi	Surani	Habrol	Habrol beat	15	6000	31-55-379	076-18-272
	control burning	Jawala Mukhi	Surani	Habrol	Habrol beat	10	4000	31-54-593	076-18-592
	control burning	Jawala Mukhi	Surani	Surani	Suirani beat	10	4000	31-5404	076-19526
	control burning	Jawala Mukhi	Surani	Surani	Surani beat	10	4000	31-54341	076-19350
	control burning	Jawala Mukhi	Surani	Tihri	Tihri beat	10	4000	31-54-297	076-22-332
	control burning	Jawala Mukhi	Surani	Tihri	Tihri beat	10	4000	31-51-339	076-22-355
	control burning	Jawala Mukhi	Jawala Mukhi	Ghallour	Ghallour beat	30	12000	31-50-32	76-17-30
	control burning	Dadasiba	Dadasiba	rail	rail beat	20	8000	31-92-840	76-02-927
	control burning	Dadasiba	Kotla	Kanpur	Kanpur beat	10	4000	31-52-05	76-00-29
	Control burning	Dadasiba	Kotla	Challan	Challan beat	10	4000	31-53-47	76-01-35
	Control burning	Dadasiba	Sansarpur Terrace	Badhal	Badhal beat	10	4000	31-55-1523	075-56-5945
	Control burning	Nagrota Surian	Khuman	Khuman	Khuman beat	25	10000	32-03-4795	76-03-4358
	Control burning	Nagrota Surian	Khuman	saproo	saproo beat	15	6000	32-03-0734	76-10-0199



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Control burning	Nagrota Surian	Haripur	Nandpur	Nandpur beat	20	8000	32-00-678	76-07-609
	Control burning	Khundian	Khundian	Pihri	Pihri beat	10	4000	31-53-074	076-26-253
	Control burning	Khundian	Khundian	Nahlian	Nahlian beat	20	8000	31-50-527	0756-24-4853
	Control burning	Khundian	Khundian	Khundian	Khundian beat	20	8000	31-55-369	076-20-413
	Control burning	Khundian	Lagroo	Dolla	Dolla beat	30	12000	31-56-096	076-20-413
	Control burning	Khundian	Majheen	Majheen	Majheen beat	20	8000	31-49-632	076-24-433
	Control burning	Khundian	Majheen	Sailkar	Sailkar beat	20	8000	31-48-472	076-24-505
	Control burning	Dehra	Bankhandi	Tripal	Tripal beat	10	4000	32-64-70	76-21-857
	Control burning	Dehra	Pirsaluhi	Pirsaluhi	Pirsaluhi beat	10	4000	31-44-37	76-16-46
	Control burning	Dehra	Pirsaluhi	Kurna	Kurna beat	10	4000	31-43-49	76-16-41
	Control burning	Dehra	Pirsaluhi	Bharanta	Bharanta beat	20	8000	31-47-01	76-15-58
	Control burning	Dehra	Pirsaluhi	Magroo	Magroo beat	30	12000	31-41-45	76-17-31
					Total	1382	1153500		
			Total			1382	1153500		
Soil and Moisture Conservation Works									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
	C/o rain roof WHS	Jawala Mukhi	Bharoli	Bharoli	Bharoli	1	350000	31-47-245	076-20-250



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	C/o rain roof WHS	Dehra	Sadwan	Sadwan	Sadwan	1	490000	31-47-15	76-13-36
					Total	2	840000		
					Total	2	840000		
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	WHS	J/mikhi	Surani	Balehra Nalla	-	1	2500000	31 53 28 395	76 20.53 781
					Total	1	2500000		
					Total	1	2500000		
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	Dry stone check dam	Dehra	Pirsaluhi	Kurna	UC Khal c1	10	130000	31-43-21	76-15-06
	Dry stone check dam	Dehra	Bankhandi	Paisa	CFS T/khurd UC 51 & 52	15	195000	31-56-0774	76-14-0238
	Dry stone check dam	Dehra	Bankhandi	Bankhandi	U15D/T/kalan UC 1	6	78000	31-97-9603	76-19-636
	Dry stone check dam	Dehra	Sadwan	Bakarar	R 6 Bakarar	30	390000	31-51-353	76-08-3002
	Crete wire check dam	Derha	Pirsaluhi	Bharanta	UC Sard Mangli C1,C2	8	320000	31-45-15	76-13-53
	Crete wire check dam	Dehra	Pirsaluhi	Kurna	UC Khal c1	5	200000	31-43-21	76-15-06
	Dry stone check dam	Jawala Mukhi	Bharoli	Kohala	U22D Kohala C1	10	180000	30-50-256	076-20-465
	Dry stone check dam	Jawala Mukhi	Bharoli	Bharoli	UP 6D Silh	10	180000	30-47-458	076-23-545
	Dry stone check dam	Jawala Mukhi	Surani	Habrol	U3 d Habrol c6	5	90000	30-55-432	076-18-409
	Dry stone check dam	Jawala Mukhi	Jawala Mukhi	Gummer	CFS Gummer UC 8	10	180000	31-91-378	076-29-159



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Dry stone check dam	Jawala Mukhi	Jawala Mukhi	Gummer	CFS Gummer R2	5	90000	31-51-311	076-17-929
	Dry stone check dam	Khundian	Lagroo	Lagroo	U3D Habrol c22 &c23	10	180000	31-57-059	076-18-814
	Dry stone check dam	Khundian	Lagroo	Dolla	U 4 D Khariana c3	10	180000	31-57-2970	076-21-1190
	Dry stone check dam	Khundian	Majheen	Majheen	U7D Majheen c6	7	126000	31-49-15	076-21-382
	Dry stone check dam	Khundian	Majheen	Majheen	U 7 D Majheen C7	5	90000	31-49-13	076-22-380
	Dry stone check dam	Khundian	Khundian	Khundian	U8D Mahadev c35	10	180000	31-54-574	076-23-479
	C/o R/.wall	Nagrota Surian	Haripur	Sakri	Forest path Dargerh	1	200000	32-01-5900	076-04-491
	Dry stone check dam	Dadasiba	Dadasiba	Dadasiba	DP dada c2	10	150000	31-91-761	76-74-834
	Dry stone check dam	Dadasiba	Kotla	Badhal	UPF Barnali C1	8	120000	31-57-023	75-57-100
	Dry stone check dam	Dadasiba	Kotla	Badhal	UPF Bari c5	5	75000	31-56-253	75-57-100
	Dry stone check dam	Dadasiba	Sansarpur terrace	Sansarpur Terrace	UPF Barnali c5	10	150000	31-55-191	75-57-147
					Total	190	3484000		
				Total		190	3484000		
Information Technology and Communication									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
	Printers	all ranges	all block	all beats	range office	3	51000	0	0
					Total	3	51000		
				Total		3	51000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Construction of Residential and Official Buildings for Front Line Field Staff									
	C/o Fgd hut	Dehra	Bankhandi	Paisa	C/o Fgd hut	1	1300000	31-57-124	76-13-742
	C/o range office Dadasiba	Dadasiba	Dadasiba	Dadasiba	Dadasiba	1	828000	0	0
					Total	2	2128000		
				Total		2	2128000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	Environment awareness meeting with local communities	all Range	All Block	all beats	0	10	150000	0	0
	Trainiung & exposure visit of frontline staff	all Range	0	0	0	1	150000	0	0
					Total	11	300000		
				Total		11	300000		
				Grand Total			15285295.5		
Name of Circle -Nahan									
Name of Division - Renukaji									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting in Lantana Cleared Areas									
Planting - 500 Tall plants									
Planting - 200 Tall plants									
	Planting work	Kafota	Sataun	Chandani	RF Kathar C3	20	776160	N30°35'22"	E077°33'03.8"
	Planting work	Nohra	Bogdhar	Piryadhar	RF Anu Koti C1	10	388080	N30°44'31"	E077°19'44"
					Total	30	1164240		
Planting - 1100 Normal plants									
Planting - 800 Normal plants									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
			Total			30	1164240		
Maintenance of Plantation with 200 Tall Plants model									
1st Maintenance - 200 Tall Plants model									
	Maint of Plantaion	--	--	--	--	90	196020	--	--
					Total	90	196020		
2nd Maintenance - 200 Tall Plants model									
	Maint of Plantation	--	--	--	--	65	90090	--	--
					Total	65	90090		
3rd Maintenance - 200 Tall Plants model									
			Total			155	286110		
Nursery Raising									
Nursery Raising									
Nursery Raising									
	Raising of nursery	--	--	--	--	15000	143400	--	--
					Total	15000	143400		
			Total			15000	143400		
Protection of Plantations & Forests									
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
	Clearing of Areas Infested	Kafota	Ambon	Gabbar	RF Gabbar C4	25	430375	N30°34'4 1.31"	E077° 36'15"
					Total	25	430375		
Clearing of Areas Infested upto 50%									
	Clearing of Areas Infested	Kafota	Sataun	Sataun	RF Sataun C1	10	276100	N30°39'4 9	E077° 38'14
					Total	10	276100		
Clearing of Areas Infested upto 75%									
	Clearing of Areas Infested	Nohra	Bogdhar	Piryadhar	RF Anu Koti C1	10	347765	N30°44'3 1"	E077° 19'43"
					Total	10	347765		
Clearing of Areas Infested upto 100%									
			Total			45	1054240		
Maintenance of Cleared Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
2nd Year Activity-1st Maint. / 50% Infested Areas									
	Maint of Lantana clearing	Kafota	Sataun	Chandani	RF-Kathar C3	20	132220	--	--
					Total	20	132220		
2nd Year Activity-1st Maint. / 75% Infested Areas									
	Maint of Lantana clearing	Nohra	Bogdhar	Piryadhar	RF Anu Koti C1	10	347765	--	--
					Total	10	347765		
3rd Year Activity-2nd Maint. / 50% Infested Areas									
	Maint of Lantana	Kafota	Ambon	Chandani	RF Kathar C5	25	83737.5	--	--
					Total	25	83737.5		
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	Maint of Lantana clearing	Nohra	Bogdhar	Piryadhar	RF Anu Koti	20	93390	--	--
					Total	20	93390		
4th Year Activity-3rd Maint. / 50% Infested Areas									
	Maint of Lantana clearing	Kafota	Sataun	Nigali	RF Shiva C2	15	50242.5	--	--
	Maint of Lantana clearing	Kafota	Sataun	Sataun	RF Sataun C3	20	66990	--	--
	Maint of Lantana clearing	Kafota	Sataun	Janjali	RF Janjali C4	20	66990	--	--
	Maint of Lantana clearing	Kafota	Ambon	Dhab Pipli	Dhab Pipli C6	15	50242.5	--	--
					Total	70	234465		
4th Year Activity-3rd Maint. / 75% Infested Areas									
	Maint of Lantana clearing	Renukaji	Renukaji	Bandal	RF Charighati	20	93390	--	--
	Maint of Lantana clearing	Renukaji	Renukaji	Rajana	RF Than Khegwa	5	23347.5	--	--
	Maint of Lantana clearing	Nohra	Bogdhar	Siun	RF Gatlog C3	20	93390	--	--
					Total	45	210127.5		
4th Year Activity-3rd Maint. / 100% Infested Areas									
				Total		190	1101705		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	Control Burning	Kafota	Kafota	--	--	2430	388800	--	--
	Fire Watcher	--	--	--	--	2430	729000	--	--
	Vehicle for fire fighting with water tank & water Pump	--	--	--	--	4	160000	--	--
	Multi-Utility Vehicle	--	--	--	--	4	131600	--	--



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	4868	1409400		
			Total			4868	1409400		
Soil and Moisture Conservation Works									
Development and Maintenance of Natural Springs in Forest Areas									
	Natural Springs	Renukaji	Koti Dhiman	Phail	RF Choubogar C5	1	150000	N30.630 259°	E077.5 35088°
	Natural Springs	Kafota	Kafota	Jamna	RF Jamna C6	1	100000	N30°37'4 1"	E077° 45'27"
					Total	2	250000		
			Total			2	250000		
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	WHS	Sangrah	Haripurdhar	Bandal	RF Thaian C5	1	2500000	30 45 15.0	77 30 54.5
					Total	1	2500000		
			Total			1	2500000		
Management of Biological Diversity and Resources									
Human Wildlife Conflict Management									
	Purchase/repair of Cage	--	--	--	--	5	500000	--	--
						Total	5	500000	
			Total			5	500000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	Const.of BO Qtr	Renukaji	Koti Dhiman	Kotidhiman	--	1	2000000	--	--
	Const. of Forest Guard Hut	Shillai	Ronhat	Loza-Manal	--	1	1500000	--	--
					Total	2	3500000		
			Total			2	3500000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Publicity cum- training of Field staff regarding Campa work	--	--	--	--	1	100000	--	--
					Total	1	100000		
					Total	1	100000		
					Grand Total		12009095		
Name of Division - Nahan									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting in Lantana Cleared Areas									
Planting - 500 Tall plants									
	Plantations	Jamta	Panjhal	Patandi	RF Kashoga C-2	7	431200	3035663	77261 23
					Total	7	431200		
Planting - 200 Tall plants									
Planting - 1100 Normal plants									
Planting - 800 Normal plants									
					Total	7	431200		
Maintenance of Planting in Lantana Cleared Areas									
Maintenance of Plantation with 500 Tall Plants model									
1st Maintenance - 500 Tall Plants model									
2nd Maintenance - 500 Tall Plants model									
	Maint. of old plantations	Jamta	Panjhal	Patandi	RF Kashoga C-1	15	39930	-	-
	Maint. of old plantations	Jamta	Jamta	Tallon	RF Tallon C-6	13	34606	-	-
	Maint. of old plantations	Jamta	Panjhal	Jaitak	RF Jaitak C-6	10	26620	-	-
	Maint. of old plantations	Jamta	Jamta	Tallon	RF Tallon C-6	5	13310	-	-
					Total	43	114466		
Maintenance of Plantation with 1100 Normal Plants model									
1st Maintenance - 1100 Normal Plants model									
	Maint. of old plantations	Trilokpur	Trilokpur	Kandiwala	RF Mahidhar C-4	15	113025	-	-
					Total	15	113025		
2nd Maintenance - 1100 Normal Plants model									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maint. of old plantations	Trilokpur	Kotla	Kundla	RF Gumti Sambhalwa C-1	25	126500	-	-
					Total	25	126500		
3rd Maintenance - 1100 Normal Plants model									
Maintenance of Plantation with 800 Normal Plants model									
1st Maintenance - 800 Normal Plants model									
2nd Maintenance - 800 Normal Plants model									
	Maint. of old plantations	Nahan	Bikrambag	Suketi	RF Bhabarwala C-2	20	74800	-	-
					Total	20	74800		
3rd Maintenance - 800 Normal Plants model									
			Total			103	428791		
Protection of Plantations & Forests									
Construction of Boundary Pillars									
Construction of Boundary Pillars									
	Boundary Pillar	Nahan	Shambhuwala	Katasan	RF Katasan C-9	25	137500	-	-
					Total	25	137500		
			Total			25	137500		
Fencing of Forest Areas									
Fencing of Forest Areas									
Strengthening of Forest Protection Network									
Strengthening of Forest Protection Network									
	Hiring of vehicle for patrolling in sensitive Ranges.	All Range.	-	-	-	0	420000	-	-
						0	420000		
			Total			0	420000		
Rehabilitation of Encroachment Cleared Areas									
Rehabilitation of Encroachment Cleared Areas									
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Clearing of Areas infested up to 25 %	Kolar	Kolar	Jattanwali	RF Dardawala C-1,2	20	344300	302948	772548
					Total	20	344300		
Clearing of Areas Infested upto 50%									
Clearing of Areas Infested upto 75%									
Clearing of Areas Infested upto 100%									
			Total			20	344300		
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									
	Maint.	Kolar	Bheron	E/Bheron	RF East Bheron C-1,4	45.7	211636.7	-	-
	Maint.	Jamta	Panjhal	Jaitak	RF Jaitak C-5	15	69465	-	-
	Maint.	Jamta	Panjhal	Tallon	RF Tallon C-2	18	83358	-	-
					Total	78.7	364459.7		
3rd Year Activity-2nd Maint. / 50% Infested Areas									
	Maint.	Kolar	Kolar	Kodewali	RF Kodewali C-7	15	50242.5	-	-
					Total	15	50242.5		
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	Maint.	Trilokpur	Trilokpur	Kandiwala	RF Mahidhar C-4	25	116737.5	-	-
					Total	25	116737.5		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
	Maint.	Jamta	Panjhal	Patandi	RF Kashoga C-2	15	70042.5	-	-
					Total	15	70042.5		
4th Year Activity-3rd Maint. / 25% Infested Areas									
4th Year Activity-3rd Maint. / 50% Infested Areas									
	Maint.	Kolar	Kolar	Kolar	RF Karondewali C-3,4	40	133980	-	-
					Total	40	133980		
4th Year Activity-3rd Maint. / 75% Infested Areas									
	Maint.	Nahan	Nahan	Kangniwala	RF Kangniwala C-3	50	233475	-	-
					Total	50	233475		
4th Year Activity-3rd Maint. / 100% Infested Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maint.	Jamta	Panjhal	Patandi	RF Kashoga C-1	30	140085	-	-
	Maint.	Jamta	Jamta	Tallon	RF Tallon C-6	29.9	139618.05	-	-
				Total		59.9	279703.05		
						283.6	1248640.25		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	Fire Watcher	Kolar				760	228000	0	0
	Fire Watcher	Trilokpur				456	136800	0	0
	Fire Watcher	Nahan				608	182400	0	0
	Fire Watcher	Jamta				456	136800	0	0
				Total		2280	684000		
						2280	684000		
Soil and Moisture Conservation Works									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
	Roof Rain water storage Tank	Jamta	Panjhal	Jaitak	RF Jaitak C-2	1	200000	30 36507	77 19554
				Total		1	200000		
						1	200000		
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	WHS	Jamta	Jamta	Tallon	RF TALLON C-4	1	2000000	30 57706	77 30664
	WHS	Jamta	Jamta	Nauni	RF Nauni C-6	1	2000000	30 60878	77 31128
	Check Dam	Jamta	Banethi	Saroga	RF Saroga C-3,4,7,10	40	1000000	30 402910	77 115510
				Total		42	5000000		
						42	5000000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Construction of Residential and Official Buildings for Front Line Field Staff									
	C/o New BO Quarter Toderpur	Nahan	Toderpur	Toderpur 2		1	NaN	N3045 29 12	77 3057 25
	C/o Forest Guard Hut Toderpur	Nahan	Toderpur	Toderpur 2		1	NaN	N30 45 29 12	77 30 57 25
	C/o Forest Guard Hut Kotla	Trilokpur	Kotla	Kotla		1	1500000	N 3053 46 92	0 77 15 69 71
					Total	3	1500000		
					Total	3	1500000		
					Grand Total		10394431.3		
Name of Division - Paonta Sahib									
Assisted Natural Regeneration									
Artificial Regeneration									
Maintenance of Plantation with 200 Tall Plants model									
1st Maintenance - 200 Tall Plants model									
2nd Maintenance - 200 Tall Plants model									
	2nd maintenance of Tall plants	Bhagani	Majri	Killour	RF Badana C-3	10	13860	-	-
	2nd maintenance of Tall plants	Bhagani	Bhagani	Amboya	RF Amboya C-8	10	13860	-	-
	2nd maintenance of Tall plants	Bhagani	Majri	Gojjar	RF Khojjar C-10	10	13860	-	-
	2nd maintenance of Tall plants	Majra	Behral	Surajpur	RF Badighati C-3	10	13860	-	-
	2nd maintenance of Tall plants	Majra	Majra	Johron	RF Banswali C-3	10	13860	-	-
	2nd maintenance of Tall plants	Paonta	Gorakhpur	Malgi	RF Malgi C-26	5	6930	-	-
					Total	55	76230		
					Total	55	76230		
Nursery Raising									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Nursery Raising									
Nursery Raising									
	Development and Maintenance of Nursery infrastructure	Majra	Majra	Johron	Tokiyon Nursery	1	600000	--	---
	Development and Maintenance of Nursery infrastructure	Majra	Majra	Johron	Tokiyon Nursery	1	1250000	30°27'53"	77°33'11"
	Development and Maintenance of Nursery Infrastructure	Giri Nagar	Chandpur	Parduni II	Giri Nagar Nursery	1	500000	--	---
	Development and Maintenance of Nursery infrastructure	Majra	Majra	Johron	Tokiyon Nursery	1	600000	--	---
	Development and Maintenance of Nursery infrastructure	Giri Nagar	Chandpur	Parduni II	Giri Nagar Nursery	1	250000	--	---
	Development and Maintenance of Nursery infrastructure	Majra	Majra	Johron	Tokiyon Nursery	1	125000	--	---
					Total	6	3325000		
						6	3325000		
Protection of Plantations & Forests									
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
	Clearing of Areas infested upto 25 %	Bhagani	Rajpur	Puruwala	RF Giri c-1	15	258225	30°50'69"	77°67'37"
	ANR Clearing of Areas infested upto 25 %	Bhagani	Rajpur	Puruwala	RF Kandela C-5	20	344300	30°52'48"	77°70'91"
	ANR Clearing of Areas infested upto 25 %	Paonta	Khara	Toka	RF Lai C-28	22	378730	30°29'57"	77°35'43"
	ANR Clearing of Areas infested upto 25 %	Paonta	Khara	Toka	RF Mankundion C-2	22	378730	30°29'02"	77°34'41"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	ANR Clearing of Areas infested upto 25 %	Girinagar	Chandpur	Chandpur IInd	RF Chandpur C-17	10	172150	30°30'39"	77°32'22"
	ANR Clearing of Areas infested upto 25 %	Girinagar	Chandpur	Chandpur IInd	RF Chandpur C-18	5	86075	30°30'42"	77°32'28"
					Total	94	1618210		
Clearing of Areas Infested upto 50%									
	ANR Clearing of Areas infested upto 50 %	Paonta	Khara	Toka	RF Mankundion C-3	10	276100	30°28'45"	77°35'18"
	ANR Clearing of Areas infested upto 50 %	Bhagani	Rajpur	Puruwala	RF Giri C-1	10	276100	30°51'70"	77°67'31"
					Total	20	552200		
Clearing of Areas Infested upto 75%									
	ANR Clearing of Areas infested upto 75 %	Bhagani	Rajpur	Puruwala	RF Giri C-1	10	347765	30°51'35"	77°67'28"
					Total	10	347765		
Clearing of Areas Infested upto 100%									
					Total	124	2518175		
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									
	1st maintenance of Lantana	-	-	-	-	41	172610	-	-
						Total	41	172610	
2nd Year Activity-1st Maint. / 50% Infested Areas									
	1st maintenance of Lantana under 50%	-	-	-	-	20	132220	-	-
						Total	20	132220	
2nd Year Activity-1st Maint. / 75% Infested Areas									
	1st maintenance of Lantana under 75%	-	-	-	-	5.1	38765.1	-	-
						Total	5.1	38765.1	
2nd Year Activity-1st Maint. / 100% Infested Areas									
3rd Year Activity-2nd Maint. / 25% Infested Areas									
	2nd maintenance of Lantana under 25%	-	-	-	-	20	37290	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						20	37290		
3rd Year Activity-2nd Maint. / 50% Infested Areas									
	2nd maintenance of Lantana under 50%	-	-	-	-	20	66990	-	-
Total						20	66990		
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	2nd maintenance of Lantana under 75%	-	-	-	-	10	46695	-	-
Total						10	46695		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
4th Year Activity-3rd Maint. / 25% Infested Areas									
	3rd maintenance of Lantana under 25%	-	-	-	-	78	145431	-	-
Total						78	145431		
4th Year Activity-3rd Maint. / 50% Infested Areas									
	3rd maintenance of Lantana under 50%	-	-	-	-	100	334950	-	-
Total						100	334950		
4th Year Activity-3rd Maint. / 75% Infested Areas									
	3rd maintenance of Lantana under 75%	-	-	-	-	85	396907.5	-	-
Total						85	396907.5		
4th Year Activity-3rd Maint. / 100% Infested Areas									
Total						379.1	1371858.6		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	Control Burning	Giri Nagar	Giri Nagar	Mehtar	Mehtar C-1	50	25000	--	-
	Control Burning	Giri Nagar	Giri Nagar	Mehrar	RF Mehrar C-1	40	20000	--	---
	Control burning	Paonta	Paonta	Lai	RF Lai	100	50000	--	---
	Control Burning	Bhagani	Majri	Killour	RF Salatha C-1 & C-2.	100	50000	--	---
	control burning	Bhagani	Bhagani	Puruwala	RF puruwala	100	50000	--	---



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Fire Watcger	Paonta	Paonta	Paonta	RF Lai	915	274500	--	---
	Soil & Moisture Conservation	Bhagani	Majri	Killaur	RF Salatha C-2	1	100000	-	-
	Soil & Moisture Conservation	Giri nagar	Giri Nagar	Mehrar	Mehrar C-1	1	100000	--	---
	Awareness campaign Equipments	-	-	-	DFO Paonta	1	75000	--	---
		-	-	-	DFO Paonta	1	200000	--	---
	Fire line	Paonta	Khara	Lai to Khara	RF Khara to Lai	7	140000	-	-
					Total	1316	1084500		
				Total		1316	1084500		
Soil and Moisture Conservation Works									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	WHS	Bhagani	Bhagani	Mehruwala	Dhandlakhala, RF Dhandla C-1/C-3	1	2500000	30 25 09.88	77 33 59.08
					Total	1	2500000		
				Total		1	2500000		
Integrated Development of Micro Watersheds and Catchments									
Integrated Development of Micro Watersheds and Catchments									
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	Soil Conservation works	Paonta	Gorakhpur	Kurkorn	RF Kukron C-4	1	150000	30°27'58"	77°38'31"
	Soil Conservation works	Paonta	Gorakhpur	Kukron	RF Kukron	1	90000	30°32'18"	77°42'29"
	Soil Conservation works	Paonta	Paonta	Garibnath (N)	water Pond	1	80000	30°32'18"	77°42'29"
	Soil Conservation works	Paonta	Khara	Toka	RF Mankundion C-1	1	90000	30°29'08.91"	77°34'59.34,
	Soil Conservation works	Paonta	Khara	Toka	Man Kundion C-2	1	90000	30°29'02.04"	77°34'41.00"
	Soil Conservation works	Paonta	Khara	Toka	RF Lai C-24	8	75000	30°30'04"	77°35'44"



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Soil Conservation works	Paonta	Chhachheti	Gatu	RF Chhachheti C-1	1	50000	30°33'29"	77°34'24"
	Soil Conservation works	Paonta	Chhachheti	Sarah	RF Sarah C-10	1	100000	30°33'06"	77°37'78"
	Soil Conservation works	Majra	Behral	Surajpur (s)	RF Mahadev C-5	1	95000	30°44'06"	77°55'44"
	Soil conservation works	Majra	Behral	Batamandi	RF Ghuttnpur C-8	1	95000	30°43'28"	77°54'96"
	Soil conservation works	Majra	Sukron	Sukron (s)	RF Sunkron C-1	1	95000	30°24'604	77°25'559"
	Soil conservation works	Majra	Majra	Majra	RF Sunkron C-4	1	95000	30°47'6728"	77°51'57.08"
	Soil conservation works	Majra	Sukron	Sukron (n)	RF Sukron C-13	1	95000	30°28'40.257"	77°27'3163"
	Soil conservation works	Majra	Ghratwali	Ghratwali (N)	RF Gharatwli C-6	1	95000	30°24'553"	77°28'488"
	Soil conservation works	Majra	Ghratwali	Garibnath (N)	RF Gharatwli C-7	1	95000	30°24'631"	77°28'905"
	Soil conservation works	Majra	Majra	Sainwala	RF Sainwala C-3	1	95000	30°48.8552"	77°28.8187"
	Soil conservation works	Majra	Ghratwali	Ghratwali (N)	RF Ghartwali C-6	1	100000	30°42.169"	77°47'611"
	Soil conservation works	Giri Nagar	Giri Nagar	Ganyoni	RF Ganyoni C-3	1	100000	30°52'8082"	77°46'5222"
	Soil conservation works	Giri Nagar	Giri Nagar	Gunga	RF Janglot C-1	1	100000	30°42'0912"	77°25'35.45"
	Soil conservation works	Giri nagar	Giri Nagar	Khararu	RF Khararu C-3	1	100000	30°51'9789"	77°44'0553"
	Soil conservation works	Giri Nagar	Giri Nagar	Khararu	RF Khararu C-8	1	200000	30°50'8355"	77°443'339"
					Total	28	2085000		
				Total		28	2085000		
Management of Biological Diversity and Resources									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Management of Biological Diversity and Biological Resources									
	Provision of informative signboards (Flora/Funa, nature, No. littering etc)	-	-	-	-	1	150000	-	-
					Total	1	150000		
					Total	1	150000		
Wildlife Conservation and Protection									
	Wildlife Conservation & Protection	-	-	-	-	1	100000	-	-
	Provision of patrolling equipment for field staff	-	-	-	-	1	150000	-	-
	Hiring of Vehicle	-	-	-	-	1	400000	-	-
					Total	3	650000		
					Total	3	650000		
Information Technology and Communication									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
	Digitisation and Uploading of Data on e-green Watch & Other Web Portals	-	-	-	-	1	50000	-	-
					Total	1	50000		
					Total	1	50000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	New construction of building	Majra	Behral	Batamandi	Fgd Hut	1	1250000	30°42'23"	77°57'94"
	New Construction of Building	Giri nagar	Giri Nagar	Mehrar	BO Qtr	1	1200000	30°31'49"	77°29'26"
					Total	2	2450000		
					Total	2	2450000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maintenance of Roads, Paths, Bridges.	Giri Nagar	Giri Nagar	Ganyoni	Maint. road Girinagar	1	250000	30°32'27"	77°72'73"
	Maintenance of road, paths,	paonta	Khara	Toka	Maint. road Paonta Sahib	1	200000	30°30'11"	77°33'37"
	Maintenance of Forest Road , Pahts.	Paonta Sahib	Chhachheti	Sarah	Maint of Road	1	100000	30°33'46"	77°72'73"
					Total	3	550000		
				Total		3	550000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	Training/Meeting/Workshops	-	-	-	-	1	100000	-	-
					Total	1	100000		
				Total		1	100000		
				Grand Total			16910763.6		
Name of Division - Rajgarh									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting in Lantana Cleared Areas									
Planting - 500 Tall plants									
	Planting work	Narag	Narag	Narag	MF Sanjet	5	308000	30°50'16"N	77°10'08"E
					Total	5	308000		
Planting - 200 Tall plants									
	Planting work	Narag	Naina Tikkar	Naina Tikker	UF Tikker C6	5	194040	30°48'10"	77°07'47"
					Total	5	194040		
Planting - 1100 Normal plants									
Planting - 800 Normal plants									
				Total		10	502040		
Replenishment & Enhancement of Forest Cover (REFC)									
Maintenance of Planting in Lantana Cleared Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Maintenance of Plantation with 500 Tall Plants model									
1st Maintenance - 500 Tall Plants model									
	Maint of Old Plantation	-	-	-	-	20	96580	-	-
					Total	20	96580		
2nd Maintenance - 500 Tall Plants model									
3rd Maintenance - 500 Tall Plants model									
Maintenance of Plantation with 200 Tall Plants model									
1st Maintenance - 200 Tall Plants model									
	Maint of Old Plantation	-	-	-	-	10	21780	-	-
					Total	10	21780		
Maintenance of Plantation with 800 Normal Plants model									
1st Maintenance - 800 Normal Plants model									
	Maint of Old Plantation	-	-	-	-	10	55000	-	-
					Total	10	55000		
2nd Maintenance - 800 Normal Plants model									
	Maint of Old Plantation	-	-	-	-	133.95	500973	-	-
	Maint of Old Plantation	-	-	-	-	15	56100	-	-
					Total	148.95	557073		
					Total	188.95	730433		
Maintenance of Plantation done under 800 Normal Plants model									
3rd Maintenance - 800 Normal Plants model									
	Maint of Old Plantation	-	-	-	-	75	214500	-	-
					Total	75	214500		
4th Maintenance - 800 Normal Plants model									
5th Maintenance - 800 Normal Plants model									
					Total	75	214500		
Nursery Raising									
Nursery Raising									
Nursery Raising									
	Nursery Activities	-	-	-	-	1	2228360	-	-
					Total	1	2228360		
					Total	1	2228360		
Silvicultural Operations in Forests									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
	Disposal of slash/ debris collection & burning, lopping, climber cutting, cleaning & unsaleable thinning etc.	Narag	Naina Tikkar	Naina Tikkar	UF Narab Khojar C1	15	82500	30°47'16''	77°08'43''
	Disposal of slash/ debris collection & burning, lopping, climber cutting, cleaning & unsaleable thinning etc.	Habban	Bakhog	Tharu	RF Tharu C1c	11	60500	30,57,4561	77.23,34.29
	Disposal of slash/ debris collection & burning, lopping, climber cutting, cleaning & unsaleable thinning etc.	Sarahan	Sarahan	Jaman Ki Ser	RF lawasa c4d	17.87	98300	N30*41'37.46	E077*10'8.88
					Total	43.87	241300		
						43.87	241300		
Protection of Plantations & Forests									
Construction of Boundary Pillars									
Construction of Boundary Pillars									
	Const. work	Narag	Narag	Narag	RF Jayantidhar	15	82500	30°49'06''	77°11'02''
	Const. work	Narag	Narag	Narag	RF Unchakot	15	82500	30°47'43''	77°10'57''
	Const. work	Narag	Naina Tikkar	Naina Tikker	RF Lakhot Malara	5	27500	30°48'30''	77°08'35''
	Const. work	Narag	Naina Tikkar	Pathroti	RF Rister	10	55000	30°47'35''	77°09'04''
	Const. work	Narag	Naina Tikkar	Shina	RF Argu Shina	5	27500	30°48'35''	77°08'42''



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Const. work	Narag	Wasni	Gandal	RF Mahalana	5	27500	30°49'39'	77°12'53''
					Total	55	302500		
				Total		55	302500		
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
	Lantana Eradication	Sarahan	Sarahan	Sarahan	PF Khadana c1a	8	137720	30°42'33.85	077°13'36.66
	Lantana Eradication	Narag	Narag	Narag	RF Jayantidhar C2a	7	120505	30°48'51'	77°11'10''
	Lantana Eradication	Narag	Naina Tikkar	Shina	RF Argu Shina C1A	5	86075	30°50'46'	77°00'13''
					Total	20	344300		
Clearing of Areas Infested upto 50%									
	Lantana Eradication	Narag	Naina Tikkar	Shina	UF Tikkar C2	10	276100	30°49'23'	77°07'21''
					Total	10	276100		
Clearing of Areas Infested upto 75%									
	Lantana Eradication	Sarahan	Sarahan	Sarahan	pf bounta c4a	15	521647.5	30°42'30.72	077°13'17.29
	Lantana Eradication	Sarahan	Ghinni	Ghagger	UF Chukhar Dhangyar C3	15	521640	30°45'13.57"	77°05'56.85
					Total	30	1043287.5		
Clearing of Areas Infested upto 100%									
	Lantana Eradication	Sarahan	Sarahan	Sarahan	PF Sanon C4	6	251658	30°43'47.80"	077°13'1.45
	Lantana Eradication	Sarahan	Sarahan	Sarahan	PF Kharana C1d	17	713031	30°42'10.20"	077°14'36.10
					Total	23	964689		
				Total		83	2628376.5		
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Lantana Eradication	Sarahan	Saindhar	Shikore	RF Shikore C2e	8.1	139441.5	30°42'21.80	077°16'32.90
					Total	8.1	139441.5		
2nd Year Activity-1st Maint. / 50% Infested Areas									
	Lantana Eradication 1st maint.	-	-	-	-	15	99165	-	-
					Total	15	99165		
2nd Year Activity-1st Maint. / 75% Infested Areas									
2nd Year Activity-1st Maint. / 100% Infested Areas									
	Lantana Eradication 1st maint.	-	-	-	-	5	38005	-	-
					Total	5	38005		
3rd Year Activity-2nd Maint. / 25% Infested Areas									
	Lantana Eradication 2nd maint.	-	-	-	-	10	18645	-	-
					Total	10	18645		
3rd Year Activity-2nd Maint. / 50% Infested Areas									
	Lantana Eradication 2nd maint.	-	-	-	-	25	83737.5	-	-
					Total	25	83737.5		
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	Lantana Eradication 2nd maint.	-	-	-	-	10	46695	-	-
					Total	10	46695		
3rd Year Activity-2nd Maint. / 100% Infested Areas									
	Lantana Eradication 2nd maint.	-	-	-	-	8	37356	-	-
					Total	8	37356		
4th Year Activity-3rd Maint. / 25% Infested Areas									
	Lantana Eradication 3rd maint.	-	-	-	-	20	37290	-	-
					Total	20	37290		
4th Year Activity-3rd Maint. / 50% Infested Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Lantana Eradication 3rd maint.	-	-	-	-	46	154077	-	-
					Total	46	154077		
4th Year Activity-3rd Maint. / 75% Infested Areas									
	Lantana Eradication 3rd maint.	-	-	-	-	115.95	541428.525	-	-
					Total	115.95	541428.525		
4th Year Activity-3rd Maint. / 100% Infested Areas									
	Lantana Eradication 3rd maint.	-	-	-	-	8	37356	-	-
					Total	8	37356		
				Total		271.05	1233196.53		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	Control Burning	Sarahan	Sarahan	Sarahan	Sarahan Range	50	75000	N30°43'11.63"	E077°11'19.37
	Control Burning	Narag	Narag	Narag	Whole Narag Range	150	225000	30°049'06"	77°11'02"
					Total	200	300000		
				Total		200	300000		
Soil and Moisture Conservation Works									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
	Rain Water Harvesting	Narag	Narag	Narag	RO residence Narag	1	250000	30°52'32"	77°12'53"
					Total	1	250000		
				Total		1	250000		
Development and Maintenance of Natural Springs in Forest Areas									
Development and Maintenance of Natural Springs in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	WHS	Narag	Naina Tikkar	Naina Tikkar	Jakanji Ka Nala	1	2500000	31.30277 8	77 08 26
					Total	1	2500000		
				Total		1	2500000		
Integrated Development of Micro Watersheds and Catchments									
Integrated Development of Micro Watersheds and Catchments									
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	Cosnt. of B/Wall	Rajgarh	Rajgarh	Rajgarh	Forest Colony Rajgarh	1	200000	30°50'54 "	77°18' 34"
	Check Dam	Sarahan	Sarahan	Panwa	RF Panwa C4c	4	100000	N30*45'5 5.62"	E077* 8'50.95 "
	Check Dam	Sarahan	Sarahan	Panwa	RF Panwa C4c kawag dhar nala2	4	100000	N30*45'4 1.43"	E077* 81'54.2 9"
	Dry stone C/Dam	Rajgarh	Rajgarh	Deedag	MF Sanio C1a	6	90000	30°83'92 "	77°37' 79"
	Check Dam	Habban	Bakhog	Mattal	RF Ghotari C5	5	100000	30,57.43 83	77.25. 5119
					Total	20	590000		
				Total		20	590000		
Management of Biological Diversity and Resources									
Management of Biological Diversity and Biological Resources									
Management of Biological Diversity and Biological Resources									
	Water Pond	Sarahan	Sarahan	Sarahan	PF Sanon C4	1	80000	N30*43'4 8.11	E077* 13'47.0 4
	Water Pond	Sarahan	Sarahan	Panwa	RF Panwa C3b	1	96500	N30*45'4 0.07	E077* 9'13.35
	Water Pond	Sarahan	Sarahan	Panwa	RF Panwa C3b	1	96500	N30*45'2 4.66	E077* 9'5.63



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Water Pond	Narag	Narag	Narag	Narag	1	70000	30°49'11''	77°10'46''
					Total	4	343000		
					Total	4	343000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	water storage Tanke at Nursery	Narag	Narag	Narag	Yog	1	250000	30°50'05''	77°09'37''
	Seed Store	Narag	Narag	Narag	Yog	1	450000	30°50'05''	77°09'37''
					Total	2	700000		
					Total	2	700000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	Cont. of BO Qtr	Sarahan	Ghinni	Chandog	cons. Of new b.o quarter	1	2000000	30°47'17.36"N	77°6'36.76"E
					Total	1	2000000		
					Total	1	2000000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Maint. of road to Yog Nursery	Narag	Narag	Narag	Yog nursery	1	400000	30°50'05''	77°09'37''
	Fire line maint.	NARAG	NAINA TIKKAR	NAINA TIKKAR	NAINA TIKKAR	1	10000	30°48'17''	77°08'49''
	Fire line maint.	NARAG	NAINA TIKKAR	NAINA TIKKAR	Dev kothi to jeol	1	10000	30°48'43''	77°07'43''
	Fire line maint.	Narag	Naina Tikkar	Pathroti	Charnighat to Talara	2	20000	30°47'14''	77°08'18''



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Fire line maint.	Narag	Narag	Narag	fires from Narag to Degu	2.5	25000	30°52'32''	77°12'53''
					Total	7.5	465000		
					Total	7.5	465000		
Survey and Mapping of Forest Areas									
Survey, Mapping, digitisation and Uploading of Data on Web Portals									
	Uploading data on Web portal	-	-	-	Range/Divisional Level	1	50000	30°50'56''	77°18'26''
					Total	1	50000		
					Total	1	50000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	Workshop	-	-	-	Range/Divisional Level	1	50000	30°49'03''	77°0'11'20''
					Total	1	50000		
					Total	1	50000		
					Grand Total		15328706		
Name of Circle -Wildlife (N) Dharamshala									
Name of Division - WL Hamirpur									
Assisted Natural Regeneration									
Protection of Plantations & Forests									
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
Clearing of Areas Infested upto 50%									
	Clearing of Areas Infested upto 50%	Nagrota Surian	Nagrota Surian	Nagrota Surian	Balohar (Sugnara)	5	138050	0	0
					Total	5	138050		
Clearing of Areas Infested upto 75%									
	Clearing of Areas Infested upto 75%	Dhameta	S/pur Terrace	S/pur Terrace	Swamp area Sansarpur Terrace	20	695530	N 31057'31.74''	E7505 5'57.12''



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Total						20	695530		
Clearing of Areas Infested upto 100%									
	Clearing of Areas Infested upto 100%	Dhameta	S/pur Terrace	S/pur Terrace	DP Rajeli	10	419430	N 31057'19.12"	E7505 8'48.8 0"
Total						10	419430		
Total						35	1253010		
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									
2nd Year Activity-1st Maint. / 50% Infested Areas									
2nd Year Activity-1st Maint. / 75% Infested Areas									
	Clearing of Areas Infested upto 75%	Nagrota Surian	Nagrota Surian	Nagrota Surian	Rakkad	10	347765	0	0
	1st maintenance of 75% infested areas	Dhameta	Dhameta	Pong Dam	U-26 Barla	15	114015	N 32000'37.62"	E7505 7'42.7 7"
Total						25	461780		
2nd Year Activity-1st Maint. / 100% Infested Areas									
	Clearing of Areas Infested upto 100%	Nagrota Surian	Dehra	Dehra	Nangal (new plantation)	2	83886	0	0
	1st maintenance of 100% infested areas	Dhameta	S/pur Terrace	Dada Siba	BBMB R\area Rail	30	228030	N 31056'50.57"	E7600 1'36.6 7"
Total						32	311916		
3rd Year Activity-2nd Maint. / 25% Infested Areas									
3rd Year Activity-2nd Maint. / 50% Infested Areas									
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	2nd Maintenance of Planting in 75% Infested Areas	Dhameta	S/pur Terrace	Dada Siba	BBMB R\area Rail	18	84051	N 31056'50.57"	E7600 1'36.6 7"
Total						18	84051		
3rd Year Activity-2nd Maint. / 100% Infested Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	2nd Maintenance of Planting in 100% Infested Areas	Dhameta	S/pur Terrace	S/pur Terrace	UPF Banoori	40	186780	N 31055'30.80"	E7600 0'37.61"
	2nd Maintenance of Planting in 100% Infested Areas	Dhameta	S/pur Terrace	S/pur Terrace	UPF Sandha	10	46695	N 31056'24.18"	E7505 9'51.34"
					Total	50	233475		
4th Year Activity-3rd Maint. / 25% Infested Areas									
4th Year Activity-3rd Maint. / 50% Infested Areas									
4th Year Activity-3rd Maint. / 75% Infested Areas									
4th Year Activity-3rd Maint. / 100% Infested Areas									
	2nd Maintenance of Planting in 100% Infested Areas	Dhameta	Dhameta	Pong Dam	U-40 Katrah	20	93390	N 31059'28.24"	E7505 7'28.36"
	3rd Maintenance-100% infested Areas	Dhameta	S/pur Terrace	S/pur Terrace	DPF Rajei	10	46695	N 31057'19.12"	E7505 8'48.80"
	3rd Maintenance-100% infested Areas	Dhameta	Dhameta	Pong Dam	U-40 Katrah	15	70042.5	N 31059'35.64"	E7505 7'09.58"
	3rd Maintenance-100% infested Areas	Dhameta	S/pur Terrace	Dada Siba	BBMB R\area Rail	15	70042.5	N 31056'50.57"	E7600 1'36.67"
					Total	60	280170		
					Total	185	1371392		
Soil and Moisture Conservation Works									
Soil Conservation Works in Forest Areas									
	Soil and Moisture Conservation Work	DNP Gopalpur	DNP Gopalpur	DNP Gopalpur	DNP Gopalpur	1	700000	0	0
					Total	1	700000		
					Total	1	700000		
Improvement of Wildlife Habitat									
Improvement of Wildlife Habitat as provided in Approved Wildlife Management Plan or Working Plan									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Improvement of Wildlife Habitat as provided in Approved Wildlife Management Plan or Working Plan									
	Construction/Maintainance of Mounds/ Shallow Ponds at Nagrota Surian	Nagrota Surian				5	250000	0	0
	C/o of Wooden Flotters with small Mounds of sand and Shingel for summer breeding birds species like Indina Skimmer, Terns etc.	Nagrota Surian				1	200000	0	0
	Cutting/ Removal of weeds/bushes in Karu and Kuthera , Jakhara & Nagrota Surian	Dhameta				30	300000	0	0
	1st year Maintainance of Plantation at Bherta	Dhameta	Dhameta	Dhameta	Bherta	5	37700	0	0
	1st year Maintainance of Plantation at Rail	Dhameta	S/pur Terrace	Dada Siba	Rail	5	37700	0	0
	II nd year maint of Plantation at Bherta.	Dhameta	S/pur Terrace	DADA SIBA	BHERTA	10	50600	0	0
	Maint. of Sansarpur Terrace Nursery	Dhameta	S/pur Terrace	S/pur Terrace	Swamp Area S/pu Terrace	1	450000	0	0
	Ornamental Plantation - seasonal as wel as perinial in flower beds and around Ranser Island Periphery and in Children Parks etc.	Nagrota Surian				1	200000	0	0
					Total	58	1526000		
			Total			58	1526000		
Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
	Construction of New Black Bear Enclosure	DNP Gopalpur				1	5000000	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	C/o State of art Interpretation Facility	DNP Gopalpur				1	4000000	0	0
	Quarentine Facility & Vetrinary Hospital	DNP Gopalpur				1	1000000	0	0
	C/o New Lion Enclosure	DNP Gopalpur				1	5000000	0	0
	C/o Store and Kitchen for supply of feed	DNP Gopalpur				1	4000000	0	0
	Study on exploring the Ectoparasites and Hemoparasites of Captive animals in DNP Gopalpur Zoo through IVRI Bareli	DNP Gopalpur				1	1000000	0	0
	Construction of New Black Bear Enclosure	DNP Gopalpur				2	5000000	0	0
					Total	8	25000000		
						8	25000000		
Management of Biological Diversity and Resources									
Management of Biological Diversity and Biological Resources									
Management of Biological Diversity and Biological Resources									
	Study of landscape use by Bar-headed geese using satellite tags	Nagrota Surian & Dhameta				1	1000000	0	0
					Total	1	1000000		
						1	1000000		
Wildlife Conservation and Protection									
	Additional infrastructure for Bird ringing station at Nagrota surian	Nagrota Surian				1	300000	0	0
					Total	1	300000		
						1	300000		
Forest Infrastructure Development									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maintenance of Fire Line at Sansarpur terrace	Dhameta	Dhameta			1	50000	0	0
					Total	1	50000		
					Total	1	50000		
Survey and Mapping of Forest Areas									
Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund									
Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation Works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund									
	Survey & Demarcation of Boundary after Rationalization Pong Dam Lake WLS & Dhauladhar WLS	N/Surian, Dhameta & Dhauladhar WLS				2	1000000	0	0
					Total	2	1000000		
					Total	2	1000000		
					Grand Total		32200402		
Name of Circle - Wildlife (S) Shimla									
Name of Division - WL Shimla									
Assisted Natural Regeneration									
Soil and Moisture Conservation Works									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	WHS	Simbalbara	Simbalbara	Marusidh	(RF Danda S/pur)	1	2500000	30 25' 724	077 29' 190"
	WHS	Simbalbara	Simbalbara	Marusidh	(RF Danda S/pur)	1	2500000	30 24' 620"	077 29' 190"
	WHS	Simbalbara	Simbalbara	Kaludev	(RF Karwe Ka Khala)	1	2500000	30 26'.979	077' 29.192'
					Total	3	7500000		
					Total	3	7500000		
Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	arbeterium at potter hill	-	-	-	-	1	1000000		
					Total	1	1000000		
			Total			1	1000000		
				Grand Total			8500000		

Name of Division - GHNP Shamshi

Assisted Natural Regeneration

Forest Fire Prevention and Control Operations

Forest Fire Prevention and Control Activities

Forest Fire Prevention and Control Activities

	Maint of Fire Lines	Tirthan	Gushaini, Bathad, Rolha	-	-	13	130000	0	0
	Maint. of Fire Lines	Jiwanal	Kunder, Railla, Deun	-	-	14	140000	0	0
	Control Burning	Tirthan	Gushaini, Bathad, Rolha	-	--	90	360000	0	0
			Total			117	630000		
						117	630000		

Soil and Moisture Conservation Works

Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas

	WHS	Tirthan	Gushaini	Gushaini	Sai Ropa	1	2500000	31 38 24.00	77 23 9.000
	WHS	Tirthan	Gushaini	Srikot	Budhal Khet	1	2500000	31 41 52.627	77 23 7.982
			Total		Total	2	5000000		
						2	5000000		

Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals

Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals

Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals

	Establishment of Animal Rescue Centers	Sainj	Shanghar	Shanghar	Ropa	1	1000000	31°45'56	77°21'21
	Establishment of Animal Rescue Centers	Tirthan	Gushaini	Gushaini	Sai Ropa	1	1000000	31°38'29.14	77°23'10.64



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Establishment of Animal Rescue Centers	Jiwanal	Hqtr.	Hqtr	Shamshi	1	1000000	31°55'21.71	77°8'36.66
					Total	3	3000000		
				Total		3	3000000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	Establishment and dev. of stock in root trainees & cocopeat	Jiwanal			Shamshi	15000	350000	31°55'21.71"N	77°8'36.66"E
					Total	15000	350000		
				Total		15000	350000		
Forest Infrastructure Development									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Watch tower	Tirthan	Rolha	Rolha	Near entry gate at Rolah	1	350000	31°39'02"N	77°26'04"E
	Watch Tower	Jiwanal	Kunder	Majhan	temporary check post Near Bah	1	500000	31°46'08"N	77°26'11"E
					Total	2	850000		
				Total		2	850000		
				Grand Total			9830000		
Name of Circle -APCCF (R&T) S/nagar									
Name of Division - FTI S/nagar									
Forest Infrastructure Development									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Construction Upgradation and Maintanance of Inspection Paths ,Forest and Road	HPFA S/Nagar	-	-	-	1	500000	-	-
					Total	1	500000		
				Total		1	500000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Publication of Magazine , Journals & Brochure etc	-	-	-	-	1	200000	-	-
	Publication of Magazine , Journals & Brochure etc	-	-	-	-	1	200000	-	-
					Total	2	400000		
					Total	2	400000		
Grand Total							900000		
Name of Division - DFO Res, S/nagar									
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	Ropari Nursery Path	Rearch unit	Karnoday	Ropari	-	1	100000	31 28.240	76 51.526
	Concrete work in soil mixture shed at Ropari Nursery	Rearch unit	Karnoday	Ropari	-	1	50000	31 28.240	76 51.526
	Connectivity of Pond /Water Harvesting Structure at Ropari Nursery with G.I pipe I Inch	Rearch unit	Karnoday	Ropari	-	1	100000	-	-
	Store Mixing Chamber & Vermicompost	Rearch unit	Karnoday	Ropari	-	1	500000	-	-
					Total	4	750000		
					Total	4	750000		
Grand Total							750000		
Name of Circle -HP State CAMPA									
Name of Division - State CAMPA									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting in Lantana Cleared Areas									
Planting - 500 Tall plants									
Planting - 200 Tall plants									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Wage rate increase	-	-	-	-	0	16327064.32	-	-
					Total	0	16327064.3		
Planting - 1100 Normal plants									
Planting - 800 Normal plants									
					Total	0	16327064.3		
Replenishment & Enhancement of Forest Cover (REFC)									
Planting with 1100 Normal Plants									
	Plantation Through ETF	-	-	-	-	200	70000000	-	-
					Total	200	70000000		
Planting with 800 Normal Plants									
					Total	200	70000000		
Nursery Raising									
Nursery Raising									
Nursery Raising									
	Provision for cost escalation and Nursery Raising	-	-	-	-	0	64740000.73	-	-
					Total	0	64740000.7		
					Total	0	64740000.7		
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
	Provision for cost escalation	-	-	-	-	0	30000000	-	-
					Total	0	30000000		
					Total	0	30000000		
Protection of Plantations & Forests									
Construction of Boundary Pillars									
Construction of Boundary Pillars									
	Provision for cost escalation	-	-	-	-	0	9000000	-	-
					Total	0	9000000		
					Total	0	9000000		
Fencing of Forest Areas									
Fencing of Forest Areas									
Strengthening of Forest Protection Network									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Strengthening of Forest Protection Network									
	Provision for hiring of vehicle sensitive ranges	-	-	-	-	12	1800000	-	-
	Certification of plantation works	-	-	-	-	0	46500000	-	-
					Total	12	48300000		
					Total	12	48300000		
Rehabilitation of Encroachment Cleared Areas									
Rehabilitation of Encroachment Cleared Areas									
	-	-	-	-	-	0	5071908.24	-	-
					Total	0	5071908.24		
					Total	0	5071908.24		
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 100%									
	Provision for cost escalation	-	-	-	-	0	492592.5	-	-
	Provision for cost escalation	-	-	-	-	0	15755838	-	-
					Total	0	16248430.5		
					Total	0	16248430.5		
Maintenance of Cleared Areas									
4th Year Activity-3rd Maint. / 100% Infested Areas									
	wage rate increment cost	-	-	-	-	0	771695.735	0	0
					Total	0	771695.735		
					Total	0	771695.735		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
	Provision for cost escalation and different activity	-	-	-	-	0	31941348	-	-
					Total	0	31941348		
					Total	0	31941348		
Soil and Moisture Conservation Works									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
	C/o RRWHS	-	-	-	-	90	9000000	-	-
					Total	90	9000000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
			Total			90	9000000		
Development and Maintenance of Natural Springs in Forest Areas									
Development and Maintenance of Natural Springs in Forest Areas									
	Dev/ of natural spring	-	-	-	-	60	8913000	-	-
			Total			60	8913000		
			Total			60	8913000		
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	Provision for WHS and Continued works of Previous year	-	-	-	-	54	199000000	0	0
			Total			54	199000000		
			Total			54	199000000		
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	Provision for continued works and cost escalation	----	-	-	-	0	27275755	-	-
			Total			0	27275755		
			Total			0	27275755		
Development of Degraded Forest Areas									
Development of Degraded Forest Areas									
	Provision for continued works and cost escalation	-	-	--	-	0	36000000	-	-
			Total			0	36000000		
			Total			0	36000000		
Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
	provision	-	-	-	-	0	9850000	-	-
			Total			0	9850000		
			Total			0	9850000		
Energy Saving Measures									
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Supply of Wood Saving Cooking Appliances and other Forest Produce Saving Devices in Forest Fring Villages (as specified by the National Authority)									
	provision	-	-	-	-	0	6500000	-	-
					Total	0	6500000		
					Total	0	6500000		
Management of Biological Diversity and Resources									
Human Wildlife Conflict Management									
	Provision for monkey capturing program	-	-	-	-	12000	30000000	-	-
					Total	12000	30000000		
					Total	12000	30000000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	Provision for cost increment	-	-	-	-	0	6600000	-	-
					Total	0	6600000		
					Total	0	6600000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	Provision for continued works	-	-	0	-	LS	1500000	-	-
	Maint. of forest transit camp /out houses	-	-	-	-	300	80000000	-	-
					Total	300	81500000		
					Total	300	81500000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	provision for continued works	-	-	-	-	0	3135500	-	-
					Total	0	3135500		
					Total	0	3135500		
Monitoring and Evaluation									
Independent Concurrent Monitoring and Evaluation and Third Party Monitoring of Works undertaken from State Fund									
Independent Concurrent Monitoring and Evaluation and Third Party Monitoring of Works undertaken from State Fund									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Monitoring of CAMPA works	-	-	-	-	0	30000000	-	-
					Total	0	30000000		
				Total		0	30000000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	Provision for CAMPA Activity Publicity	-	-	-	-	0	5000000	-	-
					Total	0	5000000		
				Total		0	5000000		
				Grand Total			745174703		
Name of Circle -APCCF(PFM) Shimla									
Name of Division - (GIS)									
Survey and Mapping of Forest Areas									
Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund									
Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation Works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund									
	Digitization & ground validation of Forest boundaries of the state	-	-	-	-	0	2500000	-	-
	Up-gradation & maintenance of GIS Lab, purchase of hardware & software of Gis Lab purchade of satelite data for ground validation etc	-	-	-	-	0	500000	-	-
	Development of GIS based software, Apps & Systems to support and improve forest management activites like silvicultural management forest protection grazing	-	-	-	-	0	2000000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	plantations. human wildlife conflict and soil water conservation								
	Purchase of 5 surveillance drones and 2 surveying drones for monitoring of works with supporting works software cost and data analysis costs, capacity buildings of HPFD and other officials in drone dased monitoring and toehr strategies	-	-	-	-	7	31166100		
					Total	7	36166100		
				Total		7	36166100		
				Grand Total			36166100		

Name of Circle -CCF (IT) Shimla

Name of Division - DFO(MIS/IT) Shimla

Information Technology and Communication

Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife

Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife

	Development of computer and mobile based software and applications including research to support forest department and government interface to improve efficiency and productivity of department. Auditing/Hosting of Web Mobile application of HP Forest Department	-	-	-	-	0	1500000	-	-
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Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Development and upgradation of Software/website/Mobile Apps/ IT based work including Annual Maintenance charges (AMSs) of various existing IT works.	-	-	-	-	0	1500000	-	-
	Purchase and maintenance of computer items to be installed in IT Lab	-	-	-	-	0	500000	-	-
					Total	0	3500000		
				Total		0	3500000		
				Grand Total			3500000		
Name of Circle -Solan									
Name of Division - Nalagarh									
Assisted Natural Regeneration									
Artificial Regeneration									
Planting									
Planting in Lantana Cleared Areas									
Planting - 500 Tall plants									
	Planting in Lantana cleared areas	KOHU	KOHU	KOHU	DPF MALAUN C-2	5	308000	N31°12'56.47	E076°47'55.33
	Planting in Lantana cleared areas	KOHU	SUNA	SALYACH	DPF LUNA	5	308000	N31°08.49.19	E076°50.08.83
	Planting in Lantana cleared areas	BADDI	BADDI	DASAUR A	JASUWANA (S)	5	308000	N30°56.316'	E076°51.459'
	Planting in Lantana cleared areas	RAMSHEH AR	KUMARHATTI	BHIPPER	DPF KHOBAL	10	616000	N31°04'10.1	E076°44'74.2
					Total	25	1540000		
Planting - 200 Tall plants									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Planting in Lantana cleared areas	BADDI	BADDI	DASAUR A	DASAURA MAJRA (S)	10	388080	N30°56.286	E076°51.137
	Planting in Lantana cleared areas	BADDI	DHARAMPUR	DHARAMPUR	DPF DHARAMPUR C-4	15	582120	N30°58'091	E076°49'065
	Planting in Lantana cleared areas	NALAGARH	MANPURA	HANDA KUNDI	DPF Khol Nalagarh C7	5	194040	N30°59'936	E076°42'091
					Total	30	1164240		
Planting - 1100 Normal plants									
Planting - 800 Normal plants									
					Total	55	2704240		
Replenishment & Enhancement of Forest Cover (REFC)									
Maintenance of Planting in Lantana Cleared Areas									
Maintenance of Plantation with 500 Tall Plants model									
1st Maintenance - 500 Tall Plants model									
	1ST Maintenance -500Tall Plants model	Kohu	Galot	Chamba	DPF Chamba C-2	2	9000	-	-
					Total	2	9000		
2nd Maintenance - 500 Tall Plants model									
	Maint. of old plantation	RAMSHEHAR	DIGGAL	CHILLAR	DPF PONGNI	5.25	13975.5	-	-
	2nd Maint. of 500 tall Plants	KOHU	GALOT	SAI	BALHAM (S)	6	15972	-	-
	2nd Maint. of 500 tall Plants	KOHU	GALOT	SAI	CHAROG (S)	9	23958	-	-
					Total	20.25	53905.5		
Maintenance of Plantation with 1100 Normal Plants model									
1st Maintenance - 1100 Normal Plants model									
2nd Maintenance - 1100 Normal Plants model									
	2nd Maint. of 1100 tall Plants	RAMSHEHAR	KUMARHATTI	PHOOLWALA	TALL (S)	10	50600	-	-
	2nd Maint. of 1100 tall Plants	RAMSHEHAR	KUMARHATTI	BHIPPER	DPF KHOBAL C-1	10	50600	-	-
					Total	20	101200		
3rd Maintenance - 1100 Normal Plants model									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Maintenance of Plantation with 800 Normal Plants model									
1st Maintenance - 800 Normal Plants model									
	1ST Maintenance - 800 Normal Plants model	BADDI	BADDI	MALKU MAJRU	DPF KHOL D/PUR C-8	10	55000	-	-
	1ST Maintenance - 800 Normal Plants model	BADDI	BADDI	KISHANP URA	DPF KHOL D/PUR C-9	20	110000	-	-
	1ST Maintenance -800 Normal Plants model	BADDI	DHARAMP UR	AMBIKA	DPF AMBIKA C-3	5	27500	-	-
	1st Maintenance 800 Plants Normal	NALAGAR H	MANPURA	MANDIY ARPUR	DPF K/NALAGARH C-11	5	27500	-	-
	1st Maintenance 800 Plants Normal	KOHU	KOHU & SUNA	RAJWAH & SALYACH	DPF DIDU C-2 & LUNA C-2A	8	44000	-	-
					Total	48	264000		
2nd Maintenance - 800 Normal Plants model									
	2ND Maintenance of Plantation with 800 Normal Plants model	BADDI	BADDI	BADDI	DPF KHOL D/PUR C-1	12	44880	-	-
	2nd Maint. of 800 tall Plants	RAMSHEH AR	DIGGAL	CHILLAR	DPF PONGNI	5	18700	-	-
					Total	17	63580		
				Total		107.25	491685.5		
Nursery Raising									
Nursery Raising									
Nursery Raising									
	RAISING/MAINT. OF NRY (CONVERSION OF NORMAL PLANTS TO TALL PLANTS)	ALL RANGES				4	1500000	-	-
					Total	4	1500000		
				Total		4	1500000		
Silvicultural Operations in Forests									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Silvicultural Operations in Forests									
Silvicultural Operations in Forests									
	Cleaning and thinning, climber cutting, collection of debris and burning	BADDI	SAI	BHALAW A	DPF BHALAWA C-3	7	42000	31 00 389	076 51 475
	Cleaning & thinning of chill tree, climber cutting, collection of debris and burning	BADDI	DHARAMPUR	AMBIKA	DPF AMBIKA C-7	5	30000	30 58 664	076 51 073
	Cleaning and thinning, climber cutting, collection of debris and burning	BADDI	SAI	BHALAW A	BHALAWA DPF C-5C	8	48000	31 00 412	076 51 811
	Cleaning and thinning, climber cutting, collection of debris and burning	BADDI	BADDI	DASAUR A	DPF DASAURA C-7	6	36000	30 57 295	076 51 378
	Cleaning & thinning of chill tree, climber cutting, collection of debris and burning	Ramshehar	Ramshehar	Baheri	DPF Jor Johru C-1	8	48000	N31.07.4 8.3	E076.4 6.17.1
	Cleaning & thinning of chill tree, climber cutting, collection of debris and burning	Ramshehar	Ramshehar	Kuwarni	DPF Kalri C-2b	8	48000	N31.09.3 83	E076.4 6.152
	Cleaning & thinning of BL tree(all operations)	Ramshehar	Ramshehar	Ramgarh	DPF Baddu C-4	9	54000	N31.06.1 9.23	E076.4 7.71.3 1
	Cleaning & thinning of BL tree(all operations)	Ramshehar	Ramshehar	Ramgarh	DPF Ramgarh C-1	10	60000	N31.05.0 6.03	E076.4 6.88.9 0
	Cleaning and thinning, climber cutting, collection of debris and burning	Baddi	Sai	Majroo	DPF Majroo C-6	7	42000	N31.01.1 85	E076.4 6.880



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Cleaning and thinning, climber cutting, collection of debris and burning	Baddi	Dharampur	Nandpur	DPF Majroo C-2	7	42000	N31.00.463	E076.47.161
	Cleaning and thinning, climber cutting, collection of debris and burning	Baddi	Dharampur	Nandpur	DPF Majroo C-4	7	42000	N31.00.881	E076.48.552
	Cleaning and thinning, climber cutting, collection of debris and burning	Baddi	Dharampur	Dharampur	DPF Dharampur C-3	7	42000	N30.58.131	E076.49.842
				Total		89	534000		
Protection of Plantations & Forests									
Removal of Lantana by CRS Method									
Clearing of Areas Infested upto 25%									
Clearing of Areas Infested upto 50%									
	Clearing of Area 50%	Nalagarh	Manpura	Plahwala	DPF Plahwala C-1	10	276100	31 01 422	076 44 094
					Total	10	276100		
Clearing of Areas Infested upto 75%									
	Eradication of Lantana	Ramshehar	Ramshehar	Ramgarh	DPF Ramgarh	10	347660	N31°05'029	E076°47'015
	Clearing of Area 75%	Nalagarh	Manpura	Plahwala	DPF Plahwala C-3	10	347765	31 01 397	076 44 240
					Total	20	695425		
Clearing of Areas Infested upto 100%									
				Total		30	971525		
Maintenance of Cleared Areas									
2nd Year Activity-1st Maint. / 25% Infested Areas									
	1ST MAINT.	RAMSHEHAR	KUMARHATTI	PHOOLWALA	DPF PHOOLWALA C-3	10	46310	-	-
					Total	10	46310		
2nd Year Activity-1st Maint. / 50% Infested Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	2nd year Activity 1st year Maint.	Nalagarh	Manpura	Khol Beli	Khol Nalagarh C-3	10	66110	-	-
	first Maint.	Ramshehar	Kumahatti	Kumarhatti	-	10	65000	-	-
	2ND YEAR 1ST MAINT. 50%	KOHU	SUNA	SALYACH	DPF DABROTA	5	33055	-	-
	2ND YEAR 1ST MAINT. 50%	KOHU	KOHU	KOHU	DPF MALOUN C-3	10	66110	-	-
	2ND YEAR 1ST MAINT. 50%	KOHU	SUNA	SALYACH	DPF SURAJPUR	5	33055	-	-
					Total	40	263330		
2nd Year Activity-1st Maint. / 75% Infested Areas									
	2nd year Activity 1st year Maint.	Nalagarh	Saini Majra	Rakh Plassi	DPF Rak Plassi	10	76010	-	-
	2nd Year Activity-1st Maint. / 75% Infested Areas	BADDI	DHARAMPUR	AMBIKA	DPF AMBIKA C-	10	76010	-	-
					Total	20	152020		
2nd Year Activity-1st Maint. / 100% Infested Areas									
	2nd Year Activity 1st year Maint.	Nalagarh	Manpura	Plahwala	DPF Plahwala C-7	10	76010	-	-
	2ND YEAR 1ST MAINT. 100%	RAMSHEHAR	KUMARHATTI	BHIPAR	DPF KHOBAL	10	76010	-	-
					Total	20	152020		
3rd Year Activity-2nd Maint. / 25% Infested Areas									
3rd Year Activity-2nd Maint. / 50% Infested Areas									
	3RD YEAR 2ND MAINT. 50%	RAMSHEHAR	KUMARHATTI	PALLI	DPF SOBAL	10	33495	-	-
					Total	10	33495		
3rd Year Activity-2nd Maint. / 75% Infested Areas									
	3rd Year Activity 2nd Year Maint. 75%	Nalagarh	Manpura	Plahwala	DPF Plahwala C-2	10	46695	-	-
					Total	10	46695		
3rd Year Activity-2nd Maint. / 100% Infested Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	3RD YEAR 2ND MAINT. 100%	RAMSHEH AR	DIGGAL	CHILLAR	-	10	46695	-	-
					Total	10	46695		
4th Year Activity-3rd Maint. / 25% Infested Areas									
4th Year Activity-3rd Maint. / 50% Infested Areas									
	4th Year Activity 3rd Year Maint. 50%	Nalagarh	Joghon	Rakh Raipur	DPF Rakh Raipur	10	33495	-	-
	4th Year Activity-3rd Maint. / 50% Infested Areas	BADDI	BADDI	DASAUR A	JASUANA (S) 10 HAC & DASAURA MAJRA (S) 5 HAC	15	50242.5	-	-
	4TH YEAR 3RD MAINT. 50%	RAMSHEH AR	KUMARHA TTI	PALLI	-	10	33495	-	-
					Total	35	117232.5		
4th Year Activity-3rd Maint. / 75% Infested Areas									
	4 Year Activity 3rd Year Maint. 50%	Nalagarh	Manpura	Plahwala	DPF Plahwala C- 2	10	33495	-	-
	4th Year Activity 3rd Year Maint. 75%	Nalagarh	Nalagarh	Nalagarh	DPF Rakh Thakurdawara	10	46695	-	-
	4th Year Activity-3rd Maint. / 75% Infested Areas	BADDI	BADDI	KISHANP URA	DPF KHOL DHARAMPUR C-10	10	46695	-	-
	4TH Year Activity-3RD Maint. / 75% Infested Areas	BADDI	BADDI	KISHANP URA	DPF KHOL DHARAMPUR C-10	10	46695	-	-
	4th Year Activity-3rd Maint. / 75% Infested Areas	BADDI	DHARAMP UR	DHARAM PUR	DPF DHARAMPUR C-4	15	70042.5	-	-
	4TH YEAR 3RD MAINT. 75%	RAMSHEH AR	RAMSHEH AR	-	-	20	93390	-	-
					Total	75	337012.5		
4th Year Activity-3rd Maint. / 100% Infested Areas									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
			Total			230	1194810		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	CONTROL BURNING	KOHU	SUNA	SUNA	DPF SUNA C-1	15	30000	N31°10'17.9"	E076°50'67.3"
	CONTROL BURNING	KOHU	SUNA	SALYACH	DPF SURAJPUR C-3	15	30000	N31°10'40.2"	E076°49'54.0"
	CONTROL BURNING	Kohu	Kohu	Kohu	DPF Maloun C-3	20	40000	N31°13'06.8"	E076°48'37.3"
	CONTROL BURNING	NALAGAR H	NALAGAR H	NALAGAR H	DPF RAKH THAKUR DWARA C-1	15	30000	31 02 137	076 43 109
	CONTROL BURNING	KOHU	SUNA	LOHARG HAT	DPF CHALWANA C-1	15	30000	N31°12'16.8"	E076°49'37.4"
	CONTROL BURNING	KOHU	GALOT	CHAMBA	DPF CHAMBA C-2	12	24000	N31°22'48.9"	E076°72'27.8"
	CONTROL BURNING	KOHU	GALOT	BHINI	DPF Ukhu C-2E	15	30000	N31°12'29.9"	E076°45'13.8"
	CONTROL BURNING	KOHU	SUNA	SALYACH	DPF LUNA C-1	8	16000	N31°08'44.4"	E076°49'32.8"
	CONTROL BURNING	KOHU	SUNA	SALYACH	DPF BADDAL	2	4000	N31°08'59.3"	E076°51'10.0"
	PURCHASE OF EQUIPMENTS FOR	ALL RANGES			ALL RANGES (DISTRIBUTED	1	300000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	CONTROL OF FOREST FIRE				AT DIVISION LEVEL)				
	CONTROL BURNING	RAMSHEH AR	RAMSHEH AR	BAHERI	DPF BAHERI C-2a	10	20000	N31°03'881	E076°48'135
	CONTROL BURNING	RAMSHEH AR	RAMSHEH AR	KUWARN I	DPF BANKAH C-2b	10	20000	N31°14'7'071	E076°76'47'37
	CONTROL BURNING	RAMSHEH AR	DIGGAL	CHILLAR	DPF LUNA SILH C-1	10	20000	N31°09'8.38"	E076°86'2.30"
	CONTROL BURNING	RAMSHEH AR	DIGGAL	CHILLAR	DPF LUNA SILH C-3	10	20000	N31°09'7.21"	E076°86'11.2"
	CONTROL BURNING	BADDI	BADDI	BADDI	DPF KHOL DHARAMPUR C-2	20	40000	N30°56'0.19	E076°46'.3.78
	CONTROL BURNING	BADDI	BADDI	BADDI	DPF KHOL DHARAMPUR C-4	25	50000	N30°55'7.86	E076°46'.0.99
	CONTROL BURNING	BADDI	BADDI	MALKU MAJRA	DPF KHOL DHARAMPUR C-6	20	40000	N30°56'1.40	E076°44'.4.40
	CONTROL BURNING	BADDI	BADDI	MALKU MAJRA	DPF KHOL DHARAMPUR C-8	20	40000	N30°56'1.50	E076°44'.4.50
	CONTROL BURNING	Baddi	Baddi	Kishanpura	DPF Khol D/pur C-12	25	50000	N30.58.047	E076 43.309
	CONTROL BURNING	BADDI	BADDI	KISHANPURA	DPF KHOL DHARAMPUR C-10	20	40000	N30°57'3.94	E076°44'.0.03
	CONTROL BURNING	Baddi	Sai	Bhalawa	DPF Bhalawa C-4	25	50000	N31 10.798	E076 51.408



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	CONTROL BURNING	BADDI	SAI	TALLI	DPF TALL C-2C	5	10000	N31°00'9.36	E076°50'3.92
	Control Burining	Baddi	Sai	Talli	DPF Talli C-2d	10	20000	N31°00.798	E76 50.1.83
	Control Burining	Baddi	Sai	Talli	DPF Sidhchaloun C-1	5	10000	N31.01.9.47	E076.48.7.60
	Control Burining	Baddi	Sai	Talli	DPF Sidhchaloun C-2a	10	20000	N31.01.5.39	E076.48.8.56
	Control Burining	Baddi	Sai	Talli	DPF Sidhchaloun C-2b	10	20000	N31.01.2.81	E076.48.8.69
	Control Burining	Baddi	Dharampur	Ambika	DPF Retwali C-2	10	20000	N30.58.8.57	E076.50.9.10
	CONTROL BURNING	KOHU	KOHU	KOHU	DPF MALAUN C-1	10	20000	N31.13.3.2.2	E076.47.7.8.0
	CONTROL BURNING	KOHU	KOHU	KOHU	DPF MALAUN C-2	10	20000	N31°13.2.21	E076°43'.210
	Control Burining	Nalagarh	Manpura	Khol Beli	DPF Khol Nalagarh C-2	100	200000	N30.58.1.31	E076.41.4.41
	Control Burining	Nalagarh	Manpura	Khol Beli	DPF Khol Nalagarh C-4	110	220000	N30.58.9.18	E076.41.2.43
	Control Burining	Nalagarh	Manpura	Handa Khundi	DPF Khol Nalagarh C-6	100	200000	N30.59.0.88	E076.41.6.26
	Control Burining	Nalagarh	Manpura	Handa Khundi	DPF Khol Nalagarh C-8	120	240000	N30.59.7.22	E076.41.4.63
	Control Burining	Nalagarh	Manpura	Mandiarpur	DPF Khol Nalagarh C-10	90	180000	N30.59.7.91	E076.40.6.15
	Control Burining	Nalagarh	Manpura	Mandiarpur	DPF Khol Nalagarh C-12	85	170000	N31.00.3.49	E076.40.4.43
					Total	988	2274000		
				Total		988	2274000		
Soil and Moisture Conservation Works									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	WHS	Nalagarh	Joghon	Rakh-Raipur	Kotla-Kalan Nala	1	2500000	31 11 .086	76 41.355
	WHS	Nalagarh	Joghon	Bagheri	Begheri Nallah	1	2500000	31 11.946	76 39.302
	WHS	Baddi	D/pur	Nandpur	Dhela Dabni	1	2500000	30 59.187	76 47.211
				Total		3	7500000		
Soil Conservation Works in Forest Areas									
	Dry Check Dam	Kohu	Suna	Lohar Ghat	DPF Chalwana	10	150000	3112008	76492 21
	Dry Check Dam	Kohu	Suna	Lohar Ghat	Palon Shamlat	10	150000	3111435	76493 05
	Dry Check Dam	Kohu	Suna	Salyach	DPF Surajpur	10	150000	3089811	76958 82
				Total		30	450000		
Improvement of Wildlife Habitat									
Improvement of Wildlife Habitat as provided in Approved Wildlife Management Plan or Working Plan									
Improvement of Wildlife Habitat as provided in Approved Wildlife Management Plan or Working Plan									
	Improvement of Wildlife Habitat	NALAGARH	MANPURA	MANDIY ARPUR	DPF RAKH NALAGARH	1	500000	31 00 225	076 41 094
				Total		1	500000		
Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
Establishment, Operation and Maintenance of Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals									
	Animal Rescue Centers and Veterinary Treatment Facilities for Wild Animals	ALL RANGES			DISTRIBUTED AT DIVN, LEVEL	1	100000	-	-



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	PURCHASE OF FABRICATED MONKEY/LEOPARD/BLACK BEAR, TRANQUILIZER GUN AND MEDICINES, SNAKE AND OTHER REPTILE, SMALL MAMMALS RESCUE KITS ETC.	ALL RANGES			DISTRIBUTED AT DIVN. LEVEL	4	500000	-	-
					Total	5	600000		
					Total	5	600000		
Management of Biological Diversity and Resources									
Wildlife Conservation and Protection									
	Management of Biological Diversity and Resources	NALAGAR H	NALAGAR H	NALAGA RH	DPF RAKH NALAGARH	1	300000	31 02 712	076 42 969
					Total	1	300000		
					Total	1	300000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	C/o of retaining wall/protection structures of Nry area	Ramsheharr	Ramshehar	Kumarhatti	Sobal Nry	2	200000	N31°05'0 11	E076° 45'351
	FENCING AROUND THE KOHU NRY.	KOHU	KOHU	KOHU	KOHU NRY.	1	200000	31 12 858	076 46 798
					Total	3	400000		
					Total	3	400000		
Conservation, Suitable Use and Documentation of Biological Diversity									
Conservation, Sustainable Use and Documentation of Biological Diversity including Preservation of Habitats, Conservation of Land and Folk Varieties and Cultivars, Domesticated Stocks and Breeds of Animals and micro organisms and Chronicling of Knowledge relating to Biological Diversity									
	Conservation, Suitable Use and Documentation of Biological Diversity	ALL RANGES			DISTRIBUTED AT DIVN LEVEL	1	100000	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
					Total	1	100000		
			Total			1	100000		
Information Technology and Communication									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
Purchase and Maintenance of Equipments or Devices used for Information Technology and Communication for the purpose of Protection of Forests and Wildlife									
	Purchase of computer with Printer	Kohu	Kohu	Kohu	kohu	1	75000	3112417	76468 72
					Total	1	75000		
			Total			1	75000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	C/O FGD. HUTT. DASAURA AT JASUWANA SHAMLAT	BADDI	BADDI	DASAUR A	JASUANA (S)	1	1200000	N30 55 537	E076 51 074
					Total	1	1200000		
			Total			1	1200000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
	Repair of Road and bridal path	Kohu	Suna	Lohar Ghat	DPF Chalwana to Salyach beat of DPF Surajpur	5	125000	3112008	76492 21
	Upgradation of Bridal Path	Kohu	Kohu	Kohu	Kohu to loharghat via DPF Malon	10	250000	3112635	76483 56
	Maint. of Fire lines	Kohu	Galot	Chamba	maint. of fire line from DPF Dhar Chamba to Randala	4	40000	31 21 364	76 72 332
	Maint. of Fire Lines	Kohu	Galot	Bhinni	DPF ukhu to Bhini (S)	4	40000	31 11 492	076 44 826
	Maint. of Fire Lines	Kohu	Suna	Suna	DPF Suna C-1 to C-3`	2	20000	31 10 172	076 50 360



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maint. of Fire Lines	Kohu	Suna	Salyach	DPF Surajpur C-1 to C-3`	2	20000	30 89 811	076 95 882
	Maint. of Fire Lines	Kohu	Kohu	Kohu	DPF Kalti to village Kalti	2	20000	31 12 459	076 48 535
	C/o of Fire lines	Nalagarh	Manpura	Plahwala	DPF Plahwala C1 to C5	3	300000	31 01 0422	076 44 094
	C/o Fire Line	Nalagarh	Joghon	Bagheri	DPF Lohand	2	200000	31 12 693	076 42 469
	Upgradation of Road from Main road to Fgd. Hut Bhalawa	Baddi	Sai	Bhalawa	Fgd. Hut Bhalawa	1	200000	31 01 325	076 50 422
					Total	35	1215000		
Survey and Mapping of Forest Areas									
Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund									
Survey and Mapping of Forest Areas for Forest Fire Control, Compensatory Afforestation Works, Soil and Moisture Conservation, Catchment Area Treatment, and Wildlife Management for Preparing Annual Plans to be Executed from State Fund									
	Survey and Mapping of Forest Areas	ALL RANGES			DISTRIBUTED AT DIVN LEVEL	1	250000	-	-
					Total	1	250000		
					Total	1	250000		
Survey, Mapping, digitisation and Uploading of Data on Web Portals									
Survey, Mapping, digitisation and Uploading of Data on Web Portals									
	Uploading of Data operator in Range office	1 EACH FOR RANGES & 1 FOR DIVN. OFFICE			DISTRIBUTED AT DIVISION LEVEL	5	250000	-	-
					Total	5	250000		
					Total	5	250000		



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	Publicity and Awareness Program/Capacity Building	DISTRIBUTED AT DIVIN. LEVEL			ALL RANGES & DIVN. OFFICE	1	500000	-	-
					Total	1	500000		
				Total		1	500000		
				Grand Total			23010260.5		
Name of Division - Solan									
Assisted Natural Regeneration									
Nursery Raising									
Nursery Raising									
Nursery Raising									
	Nursery raising	All	All	All	All	0	712260	0	0
	2nd year activity Maintenance of plants raised during 2021-22	All	All	All	All	0	274920	0	0
	3rd year activity Maintenance of plant raised during 2020-2021	All	All	All	All	0	670320	0	0
					Total	0	1657500		
				Total		0	1657500		
Forest Fire Prevention and Control Operations									
Forest Fire Prevention and Control Activities									
Forest Fire Prevention and Control Activities									
	control Burning	All	All	All	All	1174	807000	0	0
	Maintenance of Fire Line	Dharampur	Dharampur	Barog	R-31 Barog C1b ,C2a & R 30 Chabal C5a,C5b	5 km	160000	0	0
	Hiring of Vehicle with pump fitted	All	All	All	All	0	150000	0	0



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Fire Equipment	All	All	All	All	0	200000	0	0
	Vehicle for Rapid Response Team	All	All	All	All	0	150000	0	0
					Total	1179	1467000		
			Total			1179	1467000		
Soil and Moisture Conservation Works									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
Development and Maintenance of Roof Rain Water Harvesitng Structures in Forest Buildings									
	C/o Roof rain WHS forest colony kandaghat	kandaghat	kandagaht	Karol-i	forest colony kandaghat	1	200000	30*57'19.25"N	077*06'57.26"E
					Total	1	200000		
			Total			1	200000		
Development and Maintenance of Natural Springs in Forest Areas									
Development and Maintenance of Natural Springs in Forest Areas									
	Dev. and maint. of natural spring	Solan	Oachghat	oachghat	R-26 nagali	1	25000	30*51'45'N	77*08'07"E
	Dev. and Maint. of natural spring	Solan	Oachghat	Oachghat	D-82 Jawa	1	25000	30*53'01'N	77*09'50"E
					Total	2	50000		
			Total			2	50000		
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
Development of Ponds/ Trenches/ Water & Snow Harvesting Structures in Forest Areas									
	WHS	Solan	Saproon	Chawal	Top Ki Ber Nalla	1	2500000	30 929072	77.047 274
					Total	1	2500000		
			Total			1	2500000		
Soil Conservation Works in Forest Areas									
Soil Conservation Works in Forest Areas									
	Cons. of Check Dams	All	All	All	All	417	2000000	0	0
					Total	417	2000000		
			Total			417	2000000		
Management of Biological Diversity and Resources									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
Management of Biological Diversity and Biological Resources									
Management of Biological Diversity and Biological Resources									
	Fabrication of money/leopard/black bear cages	all	all	all	all	18	400000	0	0
	Tanquilising Gun	all	all	all	all	6	300000	0	0
	Small animal rescue kits	all	all	all	all	1	100000	0	0
					Total	25	800000		
				Total		25	800000		
Establishment, Upgradation and Maintenance of Modern Nurseries									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
Establishment, Upgradation and Maintenance of Modern Nurseries and Other Planting Stock Production Facilities (Infrastructure)									
	C/o polyhouse and site development for poly beds	Kandaghat	Kairi	Kairi	Kairi	1	150000	30*59.44 .035	077*0 5'34.86 3
	C/o retaining wall	Chail	Gaura	Gaura	Dahar	1	NaN	30*9222 75	77.254 704
	C/o polyhouse and site development for poly beds	Subathu	Subathu	Alobra	Alobra	1	150000	30.0114	76.056 9
					Total	3	300000		
				Total		3	300000		
Forest Infrastructure Development									
Construction of Residential and Official Buildings for Front Line Field Staff									
Construction of Residential and Official Buildings for Front Line Field Staff									
	Construction of B.O Quarter Mamligh	Subathu	Serighat	Mamligh	Mamligh	1	1500000	0	0
	construction of Forest Guard Hut Khadeen	Parwanoo	Parwanoo	Parwanoo	Parwanoo	1	1200000	0	0
					Total	2	2700000		
				Total		2	2700000		
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									
Up-gradation and Maintenance of Inspection Paths, Forest Roads, Fire Lines, Watch Towers, Check Posts and Timber Depots									



Name of Activity	Name of Work	Range	Block	Beat	Area	Proposed Targets		GPS Location	
						Phy.	Fin.	Lat.	Long.
	Maint. of path	Chail	Gaura	Gaura	Kali tibba to Gaura	6	100000	30*56.21 4	077*1 3.3461'
	Maint of Path	Chail	Chail	Shilru	Myana to Dhar ki Ser	7	100000	30*58.51 0"	077*1 1.03"
	Maint. of Path	Kandaghat	Kandaghat	Karol -IInd	repair of approach path NH22 to Range office	1	100000	30*57'25' ,	77*06' 45"
	Maint. of path	Kandaghat	Kandaghat	Karol -Ist	Koyal to khurbi devi temple	2 KM	100000	30*95'23' ,	77*09' 43"
	Maint. of Path	Kandaghat	Kandaghat	Kairi	NH5 to Kairi Nursery	600 mtr.	100000	30*59'55' ,	77*05' 32"
	Maint. of approach road	Solan	Solan	Solan	Forest Colony to Shilli	100m	150000	30*54'32 "	77*06' 48"
	Maint. of path	Solan	Saproon	Chawal	Top ki ber to nagin mata temple	2 KM	100000	30*55'59 "	77*02' 34"
	Maint. of path	Subathu	Subathu	Subathu	approach path to range office	0.3 km	100000	30*97'04 7'	77*05' 32"
	Maint. of path	Subathu	Subathu	Subathu	FRH \Subathu Garage to Resiental quarter	0.25 km	100000	30*57'44. 80"	76*59' 30.96"
					Total	718.55	950000		
						718.55	950000		
Publicity and Awareness Program/Capacity Building									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
Publicity and Awareness Program and Exhibition on Various Schemes being Implemented from State Fund (CAMPA)									
	Fire awarness camps	all	all	all	all	1	100000	0	0
	Training and awarness programme all rages blocks and beats	All	All	All	All	1	300000	0	0
					Total	2	400000		
					Total	2	400000		
					Grand Total		13024500		



**INTEREST APO
FOR THE YEAR 2022-23**

Amount in (Rs.)

Sr. No.	Name of Activity	Amount	Remarks
1	Activity under 60%		
1	for disbursement of salary and allowances of members and staffs, both regular and contractual, of the State Authority;	17000000	Rule 6 (a) (iv)
2	for disbursement of sitting fees and allowances to nominated members of State Authority;	1000000	Rule 6 (a) (v)
	Total	18000000	
2	Activity under 40%		
1	management of office establishment;	4500000	Rule 6 (b)(i)
2	hiring of staff cars for the use of the officers and officials of the State Authority;	2500000	Rule 6 (b)(iii)
3	hiring of buildings on lease for the office establishment and residences of the officers of the State Authority;	4000000	Rule 6 (b)(iv)
4	office equipment including computers and peripherals and its maintenance for the State authority;	1000000	Rule 6 (b)(ii)
	Total	12000000	
	G. Total	30000000	

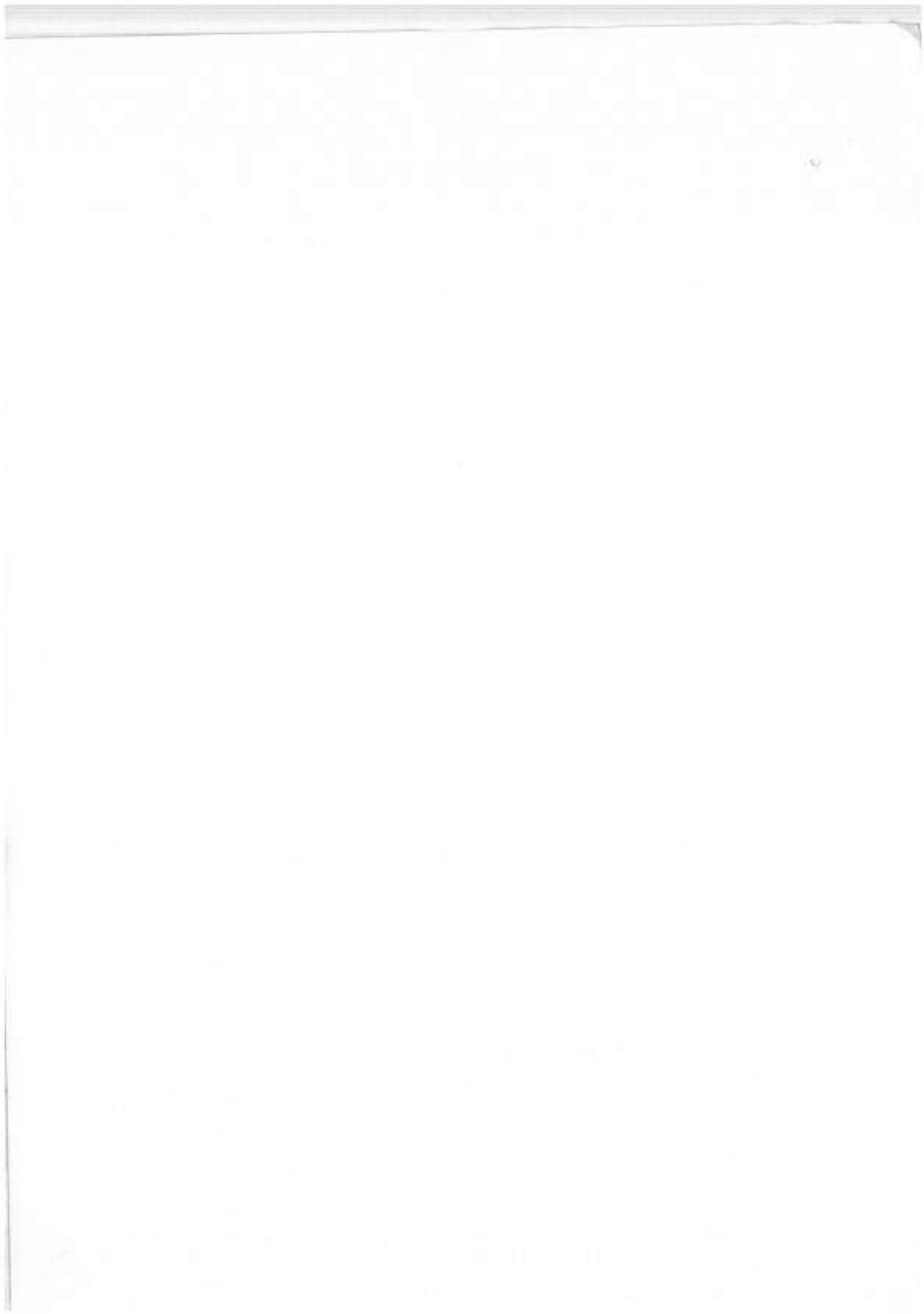
Project Proposal

Title :- Project Proposal for the "Demarcation, Survey and Geo-referencing of forest area boundary of H.P using DGPS".

1. Introduction: - The Honorable Supreme Court of India in its judgement I.O. number 1868 of 2007 filed by M/s Lafarge Umiam Mining Pvt. Ltd. In Writ Petition (Civil) No. 202 of 1995 in the matter of T.N. Godavarman Thirumulpad versus Union of India and others has directed that each and every state of India shall comply to the following direction :-

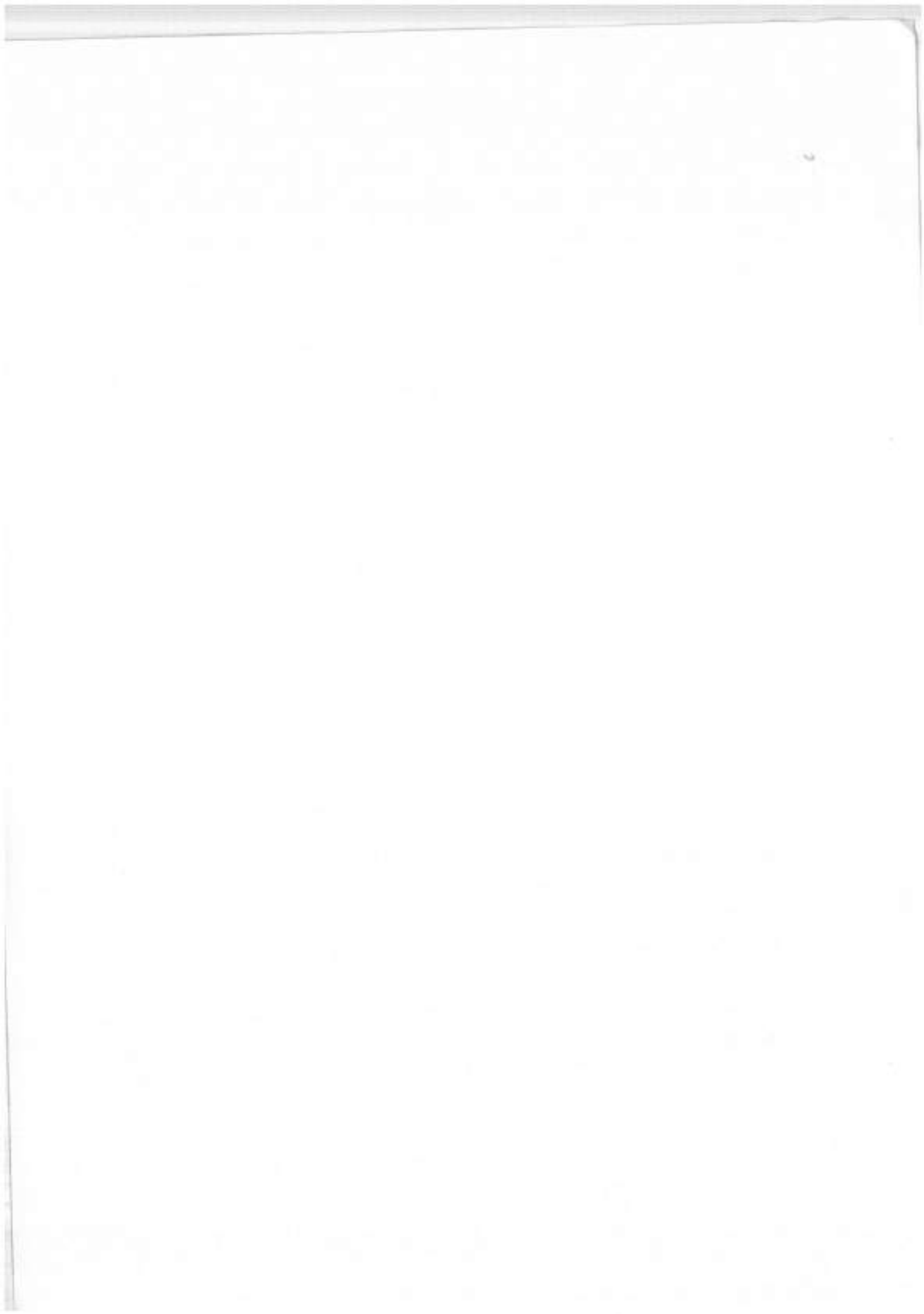
Creation and regular updating of a GIS based decision support database, tentatively containing inter-alia the district-wise details of the location and boundary of (i) the each plot of land that may be defined as forest for the purpose of the Forest (Conservation) Act, 1980; (ii) the core, buffer and eco-sensitive zone of the protected areas constituted as per the provisions of the Wildlife (Protection) Act, 1972; (iii) the important migratory corridors for wildlife; and (iv) the forest land diverted for non-forest purpose in the past, Survey of India topo-sheets in digital format, forest cover maps prepared by the Forest Survey of India in preparation of successive State of Forest Reports and the conditions stipulated in the approval accorded under the Forest (Conservation) Act for each case of diversion of forest land will also be part of the proposed division support database.

In compliance to this judgment the Himachal Pradesh Forest Department (HPFD) established the GIS Cell with the aim of creating a GIS based digitised data of forest area boundary of the state. However, the GIS Cell is digitizing the forest area boundary of the state by using the rudimentary method of first geo-referencing and then digitizing the forest boundary on the Survey of India



✓ toposheets of the scale 1:15000. The SoI toposheet is scanned, geo-referenced and the boundary thus digitized using software ESRI Arc Info 10.6. The Compartment History files of the beats are also used for marking the forest boundary. Till date forest boundary of 35 Forest Divisions of the state has been digitized. However, since the digitised revenue record of HP is not available; hence, the revenue record has not been incorporated in this process. Till date the GIS Cell has digitized the following forest area boundary of 35 divisions of the state:-

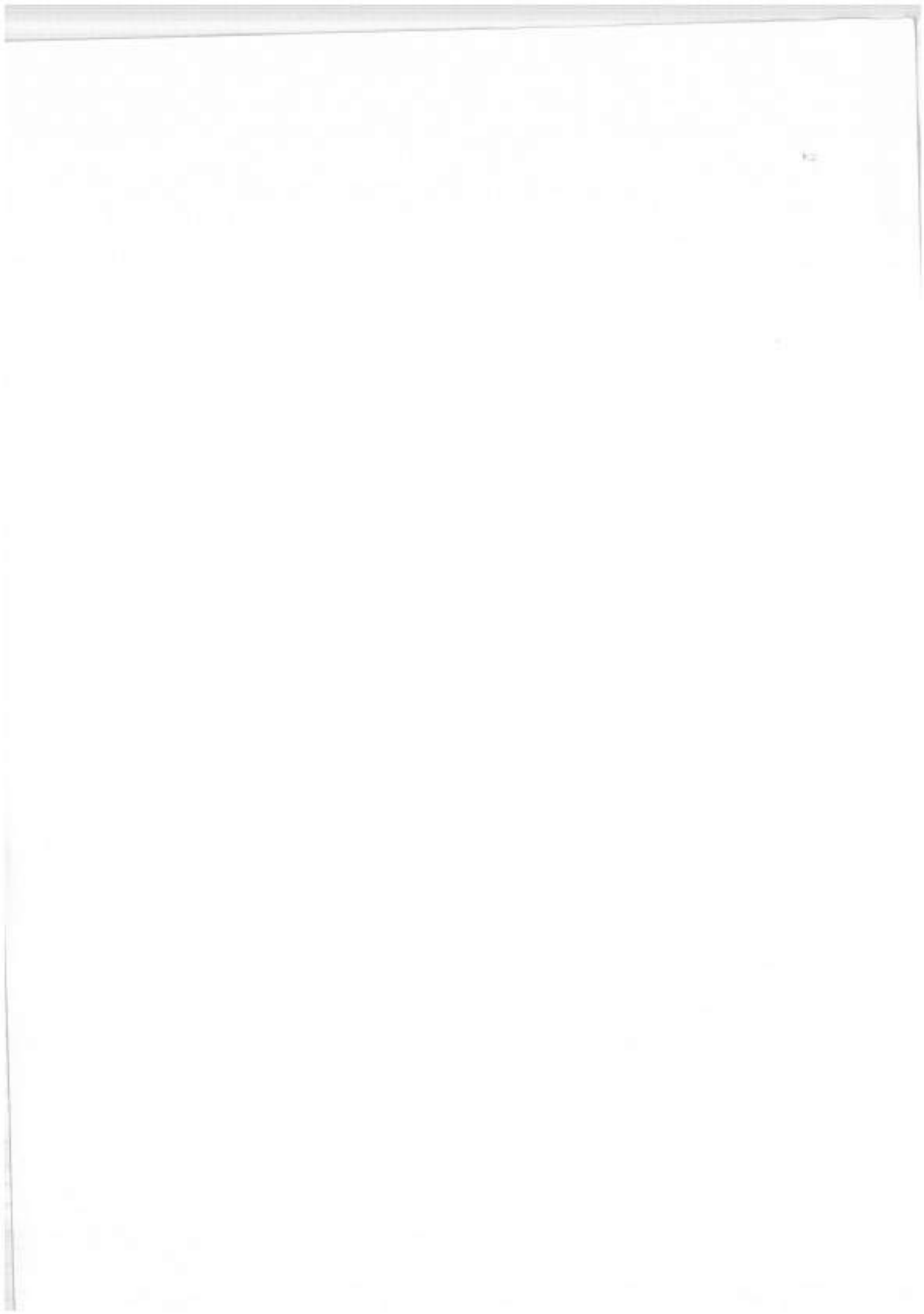
	DIVISION	DEMARCATED PROTECTED FOREST (DPF)	RESERVED FOREST (RF)	UNDEMARCATED PROTECTED FOREST (UPF)	CFS/MF/UNCLASSIFIED FOREST (UCF)	TOTAL
1	ANI	70	9	179	0	258
2	BANJAR	70	7			77
3	BHARMOUR	283	48	17		333
4	BILASPUR	215		464		679
5	CHAMBA	552	44	9		605
6	CHOPAL	163		172		335
7	CHURAH	386	54	59		499
8	DHALHOUSIE	598	12	12		622
9	DHARAMSHALA	52	1	104	3	160
10	JOGINDERNAGAR	296		69		365
11	KARSOG	247	1	74		322
12	KOTGARH	77	9	108		194
13	KULLU	59				59
14	MANDI	416	3	75		494
15	NACHAN	431		76		507
16	GHNP	41	14	39		94
17	DEHRA	6	54	76	108	244
18	HAMIRPUR	124		40		164
19	UNA	42	13	25		80



20	THEOG	128	12	314		454
21	SUKET	261	3	185		449
22	SOLAN	187	42	1		230
23	SHIMLA URBAN		15	44		59
24	SHIMLA	133	24	310		467
25	RENUKA	9	84			93
26	RAMPUR	150		76		226
27	RAJGARH	19	62	28	151	260
28	PAONTA		84			84
29	PANGI	47	27	35		109
30	PALAMPUR	70		190	9	269
31	NURPUR	54	25	124	2	205
32	NAHAN		96			96
33	NALAGARH	61				61
34	ROHRU	100		58		158
35	KUNIHAR	81		427	8	516
	TOTAL	5428	743	3390	281	9842

However, vide office letter number E.F. No.4-1/2020-SU dated 27 December 2021 the Ministry of Environment, Forests and Climate Change (MoEF & CC), Government of India (GoI) has circulated the Standard Operating Procedures (SOPs) for the "Demarcation, Survey and Geo-referencing of forest area boundary of the country using DGPS". Please find attached as Annexure -1 the copy of the aforesaid letter.

2. **Methodology:** - Vide office letter number E.F. No.4-1/2020-SU dated 27 December 2021, the MoEF & CC, GoI has circulated the 4 SOPs for the "Demarcation, Survey and Geo-referencing of forest area boundary of the country using DGPS" (Annexure-2).



As a benchmark to follow; the project proposal for the state of Odisha for the same work can be used as a guiding tool (Annexure -3). The Forest Department of Odisha had floated "Request For Proposal (RFP)" in the year 2021 for the execution of this work. On similar lines we can design and float the RFP of the same work for the state of HP as well. The aforesaid four SOPs will have to be implemented in our state in collaboration with the H.P Revenue Department. Vide the project not only the location of the Boundary Pillars of the forest area will be verified on ground by the use of DGPS but all the damaged Boundary Pillars will also be got repaired and new ones will be erected in position where they do not exist.

3. Budget and Project Timeline

"Tentative Financial Cost" of this Project for Himachal Pradesh :-

	WORK DESCRIPTION	AREA SQ KM	TENTATIVE COST	TOTAL COST	JUSTIFICATION
1.	Geo-referencing Base map Preparation with .5 meter High-Resolution Satellite imaging data link with Survey of India Ground Control Points (GCPs) Desk study – Cadastral Map, Revenue map Traverse map – reconciliation of boundaries among different legal categories (as per the SOPs circulated by Ministry of Environment, Forests and Climate Change, New Delhi	55,673 km ²	Lumps um	20 CR	Estimated as per the on-going DGPS survey by SPARC agency, Bhubneshwar, Orissa
2.	Field Verification and DGPS Survey	70432 km (linear length estimated from GIS digitized boundaries)	Rupees 10000/- KM	70 CR	Estimated as per the SPARC work in Orissa Tentatively 8-10 Boundary Pillars will be covered in one linear KM Total expected number of boundary pillars to be covered: 939093
	Total project cost			90 CR	

ESTIMATION REGARDING LENGTH OF BOUNDARIES AND BOUNDARY
PILLARS (estimated as 1 boundary pillar per 75 meter linear length)

CATEGORIES	LENGTH OF THE FOREST BOUNDARIES (KM)	ESTIMATED NUMBER OF BOUNDARY PILLARS
RF	11112	148160
DPF	37108	494773
UPF	22212	296160
Total	70432	939093

Government of India
Ministry of Environment, Forest and Climate Change
(SU Division)

Annexure - 1

Prithvi Wing, 6th floor,
Indira Paryavaran Bhawan,
Jor Bagh Road, Ali Garh
New Delhi - 110003
Dated: 27th December, 2021

To
The Principal Chief Conservator of Forests & Horticulture,
Department of Forests,
Government of All States/UTs Administration

Sub: Draft Standard Operating Procedures (SOP) for Demarcation, Survey & Geo-referencing of Forest Boundary using DGPS -regarding.

Sr,
The Financing of Empowerment Committee was held on 18th June, 2021 in which it was decided that FSI will prepare a draft SOP on demarcation, survey and geo-referencing of forest boundaries using DGPS. In this context, FSI, Dehradun has prepared four types of SOP (copy enclosed) which are as under:-

- i. SOP for Demarcation, Survey and Geo-referencing of Forest Boundary using DGPS (For Notified Forest)
- ii. SOP for Demarcation, Survey and Geo-referencing of Forest Boundary using DGPS (For Industrial Maps are available in Digitized or Scan format)
- iii. SOP for Demarcation, Survey and Geo-referencing of Forest Boundary using DGPS (For Detailed Survey, wherever not available)
- iv. SOP for Demarcation, Survey and Geo-referencing of Forest Boundary using DGPS (Where no, Detailed Map available)

In this regard, it is requested to furnish your comments on the above draft SOP by 20th January, 2022, so that the comments may be incorporated in the Final SOP by FSI. A copy of the comments may also be emailed to Forest Survey of India, Dehradun at email: gsi@fsi.nic.in

Yours faithfully,

Encl.As Above

(Sanjy Kumar Chauhan)
Assistant Inspector General of Forests
E-mail: sudiv-moefcc@gov.in

Copy for information to:-The Director General, Forest Survey of India, Kaulagarh Road,
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F.No. 27-375/2019-FI-1769
 Forest Survey of India
 (Ministry of Environment, Forest & Climate Change)
 Government of India
 Kaulagarh Road, PO - IPE
 Dehradun - 248195

dated: the 22- December, 2021

To
 The Director General of Forests & Special Secretary
 Ministry of Environment, Forest & Climate Change
 Government of India
 Indira Paryavaran Bhawan, Jor Bagh Road
 New Delhi - 110 003

Kind attention: Dr. Sunesh Buxy, Inspector General of Forests

Sub: Draft Standard Operating Procedures (SOP) for Demarcation, Survey & Geo-referencing of Forest Boundary using DGPS - reg

Sir,

In compliance of the order of the Hon'ble Supreme Court of India (passed on the 6th July 2011, in (IA Nos. 1868, 2091, 2225-2227, 2380, 2568 and 2937) in WP (C) number 202 of 1995, an Empowered Committee (EC) was constituted by MoEF&CC to monitor the progress of field identification and geo-referencing of forest lands and to resolve the discrepancy between notified forest area and geo-referencing forest area. In the third meeting of the EC held on 22nd October 2019, FSI has been assigned the following tasks:

- Demarcation, Survey and Geo-referencing of Forest Boundary using DGPS in Pilot Areas (Forest Divisions) for Developing Standard Operating Procedure (SOP).
- Development of a Web-portal (GIS-based) for monitoring progress of Geo-referencing of forest lands in different States Forest Departments (SFD) in India and its maintenance initially for three years at FSI, Dehradun.

For carrying out the above activities, FSI carried out tender process for engaging the technical partners. The technical partner engaged could take up the field work in the selected state of Kerala only in December 2020 due to COVID 19 situation. Further, due to cut in FSI's regular budget in FY 2020-21 & 2021-22, funds were requested from the Ministry for taking up fieldwork in the second state i.e. Tripura.

Thereafter, based on fieldwork in Kerala & SOPs of Odisha, Karnataka, Maharashtra & Telangana, a draft SOP was prepared by FSI and was submitted to the Ministry on the 10th March 2021. In the meeting of EC held on 23rd March 2021, the SOP was presented and the States of Odisha & Maharashtra opined that the draft SOP prepared by FSI is fine and may be circulated to SFDs for their comments. However, the EC directed that the number of states for pilot study were inadequate and fieldwork may be taken up in 3 states. In another meeting held on June 7th 2021, it was directed that FSI may take up field work in 5 more states. Accordingly, a revised demand of ₹94.00 lacs was submitted for carrying out the field work. This is to inform that the budget required has not been allotted so far.

With reference to the Ministry's letter No. 4-1/2020-SU dated 16th November, 2021 and considering the importance of work, FSI has prepared four types of SOP as under:

**Standard Operating Procedure (SOP) for Demarcation,
Survey and Geo-referencing of Forest Boundary using
DGPS (For Cadastral Maps are available in Digitized or
Scan format)**



**FOREST SURVEY OF INDIA
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE
GOVERNMENT OF INDIA**

Background:

The Hon'ble Supreme Court of India's Order passed on the 6th July 2011, in (IA Nos. 1868, 2091, 2225-2227, 2380, 2568 and 2937) in WP (C) number 202 of 1995 – the Lafarge matter, it has been directed that all types of forest land be identified and geo-referenced and district forest maps be prepared. In the background of the order, an Empowered Committee has been constituted by MoEF&CC in 2019. The committee has two specific mandates, namely:

- i. to monitor the progress of field identification and geo-referencing of forest land as per the directive of the Supreme Court, and
- ii. to resolve the discrepancy between notified forest area and geo-referenced forest area.

This will eventually feed into National Framework for preparation of Geo-referenced maps of all the forests of the country. This Standard operating procedure (SOP) is being made for adoption of similar and detail mannered technical procedure for the State Forest Departments of all States in country.

The draft SOPs have been prepared by FSI by taking up a pilot study in Chalkudy Forest Division in Kerala through a firm M/s Cyberswift Pvt. Ltd, and taking inputs from the SOPs developed by the States of Odisha, Maharashtra, West Bengal Uttar Pradesh, Maharashtra & Karnataka and inputs from the States of Uttar Pradesh, Telangana, West Bengal, Maharashtra, Himachal Pradesh, Jharkhand, Karnataka, Maharashtra & Rajasthan.

Technological requirements for identification and geo-referencing of the forest lands**i. Geographic Information Systems (GIS)**

- To overlay maps & analyze boundary / areas
- Reconciliation of forest land boundaries

ii. Remote Sensing (RS)

- For generation of orthorectified satellite image by using GCPs.
- Georeferencing of forest/revenue/any other maps by using ortho-rectified satellite data and GCPs
- Integrate other map data (cadastral, SOI, etc.) & Infer forest areas

iii. Differential GPS (DGPS)

- To establish Primary Control points (PCP) & Secondary Control points (SCP).
- DGPS observations at Existing Pillar Locations
- To precisely locate the missing boundary pillar points
- To record precise coordinates of field demarcations (geo-referencing)

Limitations of available forest maps and land records across State/UT forest departments are:

- In the Initial stage notifications are prepared based on physical features, which are generally vague have changed over a period of time.
- Generally physical features are not sharply defined.
- Forest Land and Revenue Land (Govt. /Pvt) Boundary disputes; Settlements have not been done.
- Errors in the notifications of forest blocks: Imprecise boundary description, part to whole survey using old survey method (chain-compass/ theodolite) so area are roughly estimates (graph sheet/ planimeter), Small scale maps (1mm=50m), etc.
- Boundary pillars either do not exist or have been displaced.
- Green wash areas in SOI toposheets are neither accurate nor have any legal validity.
- Northeastern States: unclassified forests, no cadastral maps, no demarcations, few sketch maps
- Many states do not have proper boundary records (notifications, de-notifications, maps, Settlements & diversions; before & after 1980).
- Area discrepancy in existing records / sources (Notified area, traverse map area, SOI map area, Working Plan area, etc.)
- Many Notified Forests do not indicate revenue survey numbers within Forest Blocks
- Location and extents of FRA settlements.
- Lack of modern survey facility and trained field staff in the State Forest Departments

1. Objective and Scope of the Work for the study:

- i. Identify and demarcate forest boundaries as per the SFD records by DGPS survey and carry out documentation of forests records including clear marking of forests boundaries and prepare Geo-referenced maps including forests boundary pillars.
- ii. Collect necessary documents from Forest Department and other concerned Departments of the pilot forest districts such as Register of Notified Area/ Pillar Register Forest Block Maps, cadastral maps etc.
- iii. Set-up Ground Control points framework (w.r.t. SOI Benchmark)
- iv. Establish Primary Control Points (PCP) and minimum observation time to PCP shall be 12 hours from nearest SOI Benchmark points.

Alternately, the static observation with a multi/ dual frequency receivers in carrier mode for 72 hours observation is also accepted.

- v. Establish Secondary Control Points (SCP) and minimum observation time to establish secondary points in 4 hours.
- vi. Collection of GCPs (For Cadastral/Revenue Map, Stock/Forest Block Map and HRSI geo-referencing)
- vii. Collect Geo Coordinates of forest Boundary pillars using DGPs (Minimum 15 minutes observation)
- viii. Geo-referencing of village/Revenue maps, Forest Block map/Stock Map/WP Map with reference to high-resolution Ortho-rectified satellite imageries (By using GCP).
- ix. Prepare and supply geo-reference maps of the recorded forest areas (RFA) at the cadastral scale prevalent in the respective State which should be reconciled with the maps of the Revenue Department of the State and provide all the readings and photographs of the notified forest lands marked by boundary pillars as evidence in GIS usable format in Geographic coordinate system-WGS 84 datum of the respective zone.
- x. Integrate/ overlay Revenue cadastral- inter correct forest boundary and locate the missing Boundary pillars.
- xi. Establish geo coordinates of the missing boundary pillars in initial stage peg marking with wooden stick after joint verification is done the responsibility of erecting the boundary pillars where they are missing will lie with the concerned SFD.
- xii. The survey shall be performed using DGPS in real time or post processed mode.
- xiii. Quality check of DGPS data by Concern Forest Geomatics center.
- xiv. Simultaneous Joint verification of such located pillar positions by the officials of Revenue and Forest Department and confirmation of pillar position. A minute of the process of joint verification for each forest block shall be drawn up with signature of all participating officials.
- xv. Prepare Maps and Draft notification with boundary coordinates and boundary description (Area statement, Type of Forest land, Compartment no etc.)

2. Approach and Methodology

2.1 Approach:

- i. Confirmation of field demarcations by Forest – Revenue joint verification committee.
 - Field Level Committee (FLC) in each Range with Range Officer, Revenue Inspector.
 - Division Working Committee (DWC) – ACF/SDO, Tahsildar.
 - District Level Forest Coordination Committee (DLFCC) – DFO, ADM, Settlement Officer, Tahsildar.
- ii. DGPS survey of confirmed Boundary Pillars will be conducted by Field level committee.
- iii. The Resolution recognizes need of Technical Partners (professional technical agencies) to dedicatedly devote their time & resources in completion of the One-time exercise.

2.1.1 Approach to geo-referencing of Forest Lands:

Types of forest land	Approach to geo-referencing
Notified forests (RF/ PF/ DPF/OA, ...)	<ul style="list-style-type: none"> • Field verification and demarcation jointly by Revenue-Forest authorities • DGPS survey of demarcated boundary
Recorded forests (as per Revenue/ DLC records)	<ul style="list-style-type: none"> • Geo-referencing of revenue cadaster using satellite image and plot boundary digitisation • Linking of revenue forest records • Extraction of geo-referenced revenue forest boundary
Deemed forests (un-surveyed/ unclassified forests)	<ul style="list-style-type: none"> • Mapping of forest cover beyond revenue & notified areas using geo-referenced satellite image and SOI OSM/FSI Forest Cover Map • Field verification, DGPS survey • Geo-referenced boundary records preparation

2.1.2 Identification and Demarcation of Forest Boundary w.r.t. Revenue Boundary:

If cadastral map (Digitized or Hard Copy) is available then the following procedure will be follow.

- i. Scan and integrate Cadastral maps with orthoimage using GIS software.
- ii. Overlay digitized Cadastral on Ortho-Image (Geo-referencing base) using GIS software.
- iii. Interpret Revenue/ Forest boundary.
- iv. Extract boundary (change point) coordinates (latitude-longitude).
- v. Locate coordinates on field with sub centimeter precision DGPS (in RTK mode) and demarcate with Pillars (joint confirmation by revenue & forest).

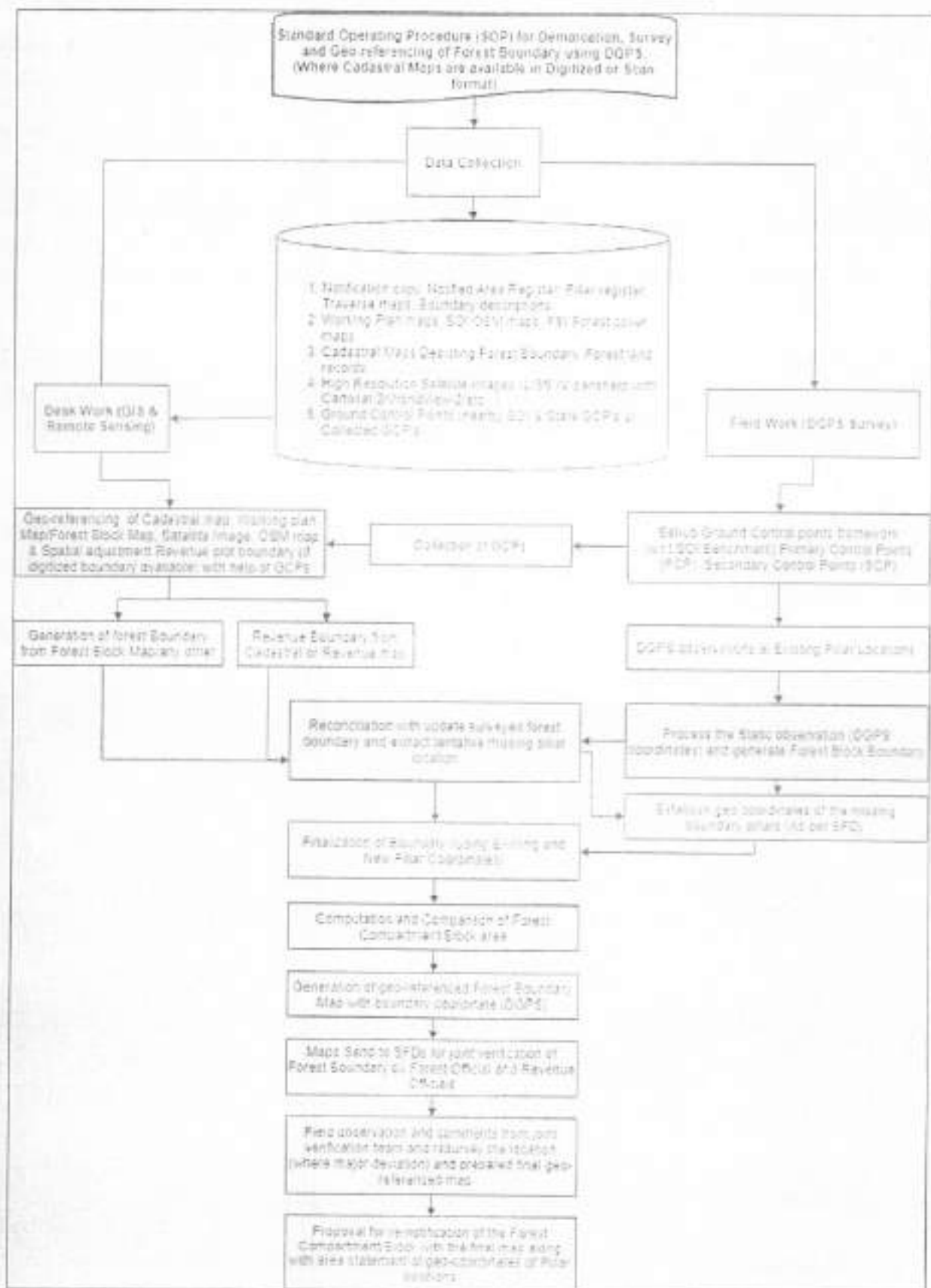
2.1.3 Categorization of Forest Blocks:

(As recommended by Empowered Committee of MOEF&CD on geo- referencing of forest Lands (minutes of the 2nd meeting held on 07.08.2019) Revenue-Forest reconciliation, DFO to accept & approve for Geo-referencing of delineated boundary)

Sl. No.	Type case	Approach
1	NFA - CMA broadly matching in size, location and shape (say < 5% deviation)	<ol style="list-style-type: none"> i. Forest boundary demarcations (pillars) in conformity with CMA and HRSI, if required. (with need based shifting) is to be considered for DGPS survey. ii. Re-notification as per DGPS survey with a remark that 'Change in area is due to method of survey and area computation'.
2	CMA boundary approximately matching with Forest Boundary description, and NFA is less than CMA, where all peripheral villages have been settled before 1980	<ol style="list-style-type: none"> i. Forest boundary demarcations (pillars) in conformity with CMA boundary and HSRI, if required. (with need based shifting) is to be considered for DGPS survey ii. Re-notification as per DGPS survey with remarks that <ul style="list-style-type: none"> • Boundary description remaining same, the change may be due to projection system and survey techniques.
3	CMA boundary approximately /partially matching with Forest Boundary description and NFA more than CMA, and all peripheral villages have been settled before 1980	<ol style="list-style-type: none"> i. Conversions of forest land, if any, have to be considered while geo-referencing. ii. Forest boundary demarcations (pillars) in conformity with CMA boundary and HRSI (with need based shifting) is to be considered for DGPS survey iii. Re-notification as per DGPS survey with remarks that <ul style="list-style-type: none"> • The change may be due to projection system and survey techniques and the fact that boundary in some parts have under gone change due to conversion of forests/land settlement that largely

Sl. No.	Type case	Approach
		<p>account for reduction in forest area.</p> <ul style="list-style-type: none"> • Since peripheral settlements have occurred prior to 1980, no implication under FC Act.
4	CMA boundary approximately/partially matching with Forest Boundary description and NFA less than CMA, though some peripheral villages have been settled after 1980	<ol style="list-style-type: none"> Forest boundary demarcations (pillars) in conformity with CMA boundary and HSRI (with need based shifting) is to be considered for DGPS survey. Conversions and diversion of forest land, if any, have to be considered while geo-referencing if they effect the part of the forest boundary. Re-notification as per DGPS survey with remarks that <ul style="list-style-type: none"> • Change in area may be due to projection system and survey techniques. • Impact of village settlement after 1980 if have affected the boundary (give details).
5	CMA boundary approximately/partially matching with Forest Boundary description and NFA more than CMA, and some peripheral villages have been settled after 1980	<ol style="list-style-type: none"> Conversions and diversions of forest land, if any, have to be considered while geo-referencing Forest boundary demarcations (pillars) in conformity with CMA boundary and HSRI (with need based shifting) is to be considered for DGPS survey. Geo-referenced Hal/Sabik forest parcels, other than private land from adjacent villages, appearing to be a part of notified area are to be included in the re-notification Re-notification as per DGPS survey – including the revenue parcel numbers and area.
6	In other cases, including the cases where digitized/ land records are not available.	DGPS survey of forest boundary (pillars and inferred pillar positions) and HSRI. Re-notification as per DGPS survey with remarks that reconciliation with revenue land records could not be done due to their non-availability.
<p>NFA — Notified Forest Area, CMA — Cadastral Map Area — forest boundary as derived from mosaic of village cadastral maps (revenue Department) comprising gaps and/or forest parcel numbers. Map Sources: Management Maps — Working Plan Maps /State FD - GIS Georeferenced Cadastral Maps — under DILRMP (Digital India Land Records Modernization Project)</p>		

Flowchart showing overall Methodology



Draft Standard Operating Procedures (SOPs) for Demarcation, Survey and Geo-referencing of Forest Boundary using DGPS

2.2. Data Requirement

Collect all available records of the concerned Forest Division from the forest department and other concerned departments of the State such as the revenue department.

- Notification copy, Notified Area Register, Pillar register, Traverse maps, Boundary descriptions
- Working Plan maps/Stock Map/Forest Block Map, SOI OSM maps, FSI Forest Cover maps
- Cadastral Map, Cadastral Maps depicting Forest Boundary, Digitized Cadastral (.Shp, DWG or any other format), Forestland records (Rev. Forest/Forest land define in parcel No).
- High Resolution Satellite Images (Cartosat-2, LISS-4, World View -2 & other) from NRSC in consultation with FSI
- Ground Control Points/ Benchmarks (nearby SOI GCP/BMs)
- DGPS instruments

2.3. DGPS Survey

Set-up a network of Ground Control Points framework comprising of PCPs & SCPs in the area of DGPS survey (w.r.t. SOI Benchmark).

- A network of Primary Control Points (PCP) shall be established to cover the area DGPS survey. Such PCP shall be located within a 30 km, approximately equilateral triangular, grid and in established premises such as Division Office to the extent possible. Establish Primary Control Points (PCP) and minimum observation time to PCP shall be 12 hours from nearest SOI Benchmark points.

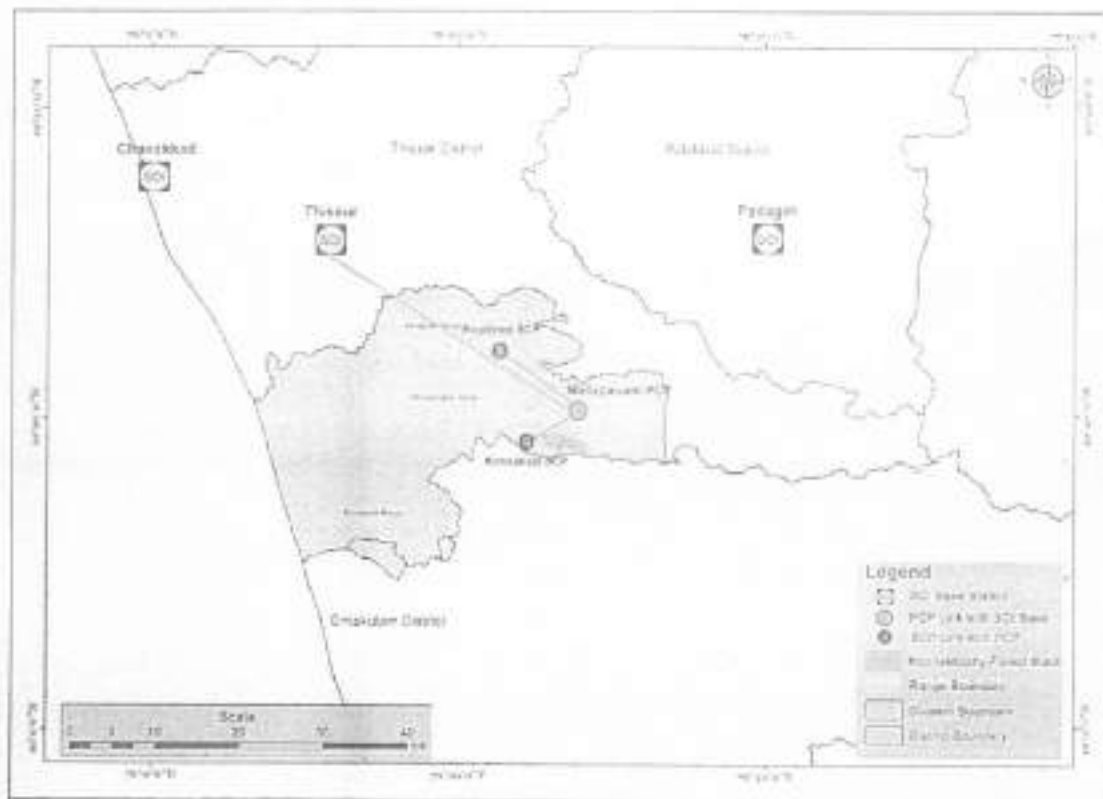
If the base station is not linked to Survey of India GCP but established independently as per specifications (minimum observation time shall be 72 hours using Dual/ Multi frequency receivers). The location details of such Base Station Point (BSP) including the Geo coordinates are to be entered in Base Station Point Register of the Range by opening a new Base Station Point Register in the format prescribed

- A network of Secondary control Points (SCP) shall be established near the forest boundary to be surveyed, preferably on certified pillar positions, at an interval of 5 km of crow-fly distance, subject to a minimum of 3 such points per forest block.
- To establish an SCP the minimum observation time should be at least four hours to get best possible location
- After the establishment of PCPs & SCPs the DGPS survey can be started by setting up the Base Station (Base DGPS receiver) at the nearest SCP.
- Field data collection by using the Rover DGPS receiver may be started by making

observations at Existing Pillar Locations. Minimum observation period of the rover DGPS at a pillar should be of at least 15 minutes.

- Simultaneous Collection of Ground Control Points (GCP) may be carried out during the DGPS survey. The GCPs collected at specific locations (Such as any trijunction, permanent and immovable features on the land) may be used for geo-referencing of the Cadastral/Revenue Map, Stock/Forest Block Map and High Resolution Satellite Image (HRSI).
- All new PCPs and SCPs shall be monumented in the following manner.
 - i. A cement concrete block of dimensions 3' x 2' x 2' will be erected will two-third embedded in the soil.
 - ii. Geo-coordinates of the center of the block shall be engraved over the block surface and text painted in black colour.

Establishment of Ground Control Points (Base Station) framework (w.r.t SOI GCPs/Base Station)



2.4. Conditions to be observed for the DGPS survey

- The survey shall be conducted with similar instrument as far as possible.
- DGPS instruments being used for survey must be set up to Geographic Coordinate System - WGS84 Datum only.
- Raw data (for Rover DGPS receiver and Base DGPS receiver) as well as post-processed/real-time differentially corrected DGPS readings along with source file, all error charts and outputs for each location shall be submitted as soon as the work is completed.
- For each location (forest boundary pillar, GCP etc) a unique ID shall be created. All the features shall be recorded in this ID. All the features will be extracted from the data.
- The attributes shall be collected as specified by SFD and shall be linked to the corresponding features.

2.5. Creation of Geo-referenced Spatial database for overlaying of forest boundary polygon collected by DGPS survey

This shall involve:

- Procurement of the satellite image from the NRSC.
- Ortho-rectification Satellite imagery by using GCPs for geo-referencing.
- This shall be followed by the geo-referencing of cadastral maps, working plan maps, stock maps, forest block maps separately by using the GCPs and the ortho-rectified Satellite images. And Spatial adjustment Digitized Revenue parcel boundary (if available from revenue department).
- Forest boundary is extracted from the georeferenced working plan maps, stock maps, forest block maps.
- The forest boundary in vector will be superimposed on the cadastral map or a mosaic of cadastral maps which already has the revenue boundary and forest boundary (as shown by the Revenue department).
- The DGPS surveyed boundary with boundary pillar coordinates of the desired forest area is also superimposed on the above-mentioned georeferenced image. After superimposition of the DGPS polygon, the information of Missing pillars can be ascertained on the map. The SFD then can pinpoint the location of the pillar on the ground.
- After location and fixing of the missing pillars on the ground a final map can be prepared from the forest side. The forest boundaries may not reconcile with the revenue boundaries at several places, which will be subject to approval after joint inspection and reconciliation with the Revenue authorities. A final georeferenced map showing forest boundaries can be prepared only after reconciliation with the revenue department.

2.6. Joint Verification process by Revenue department and Forest Department

- i. The geo-referenced forest boundary map generated in the lab, with computed coordinates of boundary change points, was loaded into the DGPS Rover and was taken to the field for boundary verification.
- ii. Samples checks were made at existing pillar positions not supposed to have been disturbed in the past. Doubtful locations where the pillars might have shifted, or with reports of encroachment, were verified with respect to the geo-reference boundary file loaded on to the DGPS Rover.
- iii. Correct pillar locations were peg marked/Shown on ground for forest division to take future corrective actions in collaboration with Revenue Department. In Case of missing boundary pillars in certain portion of the boundary, change point coordinates were computed from the geo-referenced boundary maps. These locations were staked out in the field using DGPS Rover for its correct positioning on ground.
- iv. The initially a draft boundary map thus prepared was provided to concerned forest division for field verification and validation. The maps were sent to concern Foresters through range officers for sample checking at different pillar positions. Assistance of Revenue officials (Inspectors/Amins) were taken to confirm boundary positions at encroached locations. JFMC (VSS) members/Villagers were also involved for confirmation of forest boundary at certain locations.
- v. The Draft forest block maps with field observation and comments were returned to respective Forest Division Offices. DFO provided their final observation and suggestions based on field verification report after comparison of the map with respect to existing notification (s).
- vi. Re-survey, in presence of Forest official, were carried out wherever necessary. Consultation with revenue official, where needed, was done by forest division official. Final draft maps were prepared based on observation/ comments of DFO and result of re-survey. Boundary description was made in the form of geo-referenced boundary pillar coordinates. The maps and DGPS boundary description, after a final round of verification, were authenticated by the forest division.

2.7. Certified Pillar position & Quality Control by SFD

2.7.1 DGPS Survey of Certified Pillar Positions

DGPS observed coordinates of confirmed pillar positions should be collected in Post Processed Kinematic (PPK) mode with simultaneous reference to a permanent reference station established within a maximum distance of 50 km and one of the PCP or SCP. Must be set-in to Geographic Coordinate System-WGS84 Datum and the observed conform Pillar coordinates certified by concern Divisional Forest Officer.

2.7.2 Quality Control of DGPS Survey

All the job data collected through DGPS device shall be quality checked by

Concern Forest Geomatics center by using standard procedure. In case of doubtful data, re-observation shall be undertaken. If necessary, a sample check in the field will be undertaken to assure the accuracy of observed data. After necessary quality checking the data will be available for mapping in GIS platform.

2.8. Computation and Comparison Forest Compartment/Block area and Preparation of map

- Forest block area (corrected) will be computed from management map vector and also from cadastral vector. Such computed area will be compared with the area recorded in the notification. In case of significant deviation in area it shall be the responsibility of the concerned Divisional Forest Officer to reconcile the figure taking into account past forest land alienations/ village settlement records, if any.
- A draft map will be prepared on the basis of DGPS surveyed data along with some basic thematic layers derived from ortho-satellite images and handed over to the concerned Divisional Forest Officer for a final round of checking at his level. One copy of the draft map will also be submitted to the Tehsildar for exhibition at the Gram Panchayat Office for inviting claims and objections. Hearing and disposal of claims shall be undertaken jointly by the DFO and Tehsildar.
- After going through the process allowing a maximum time of 15 days inviting objections, stated just above, the final version of forest block boundary map will be generated both in soft and hard versions.

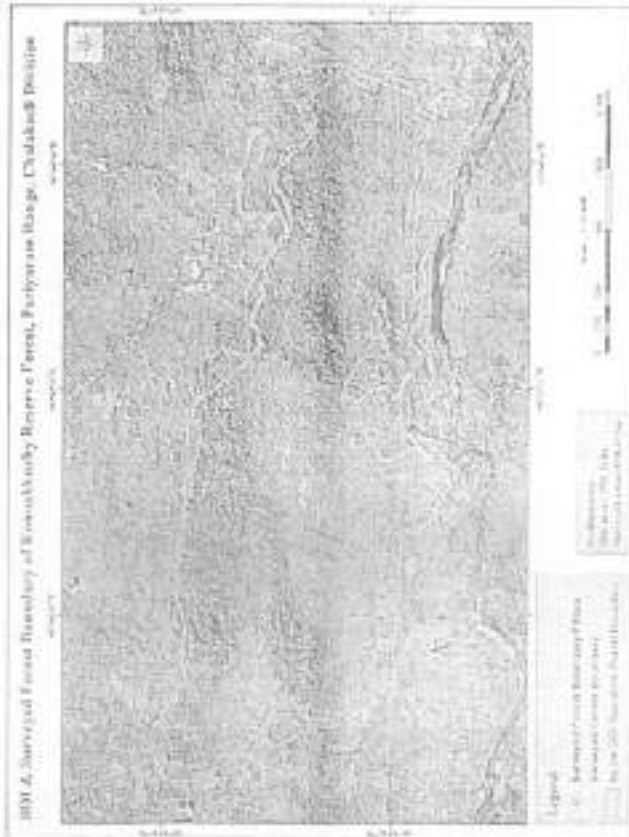
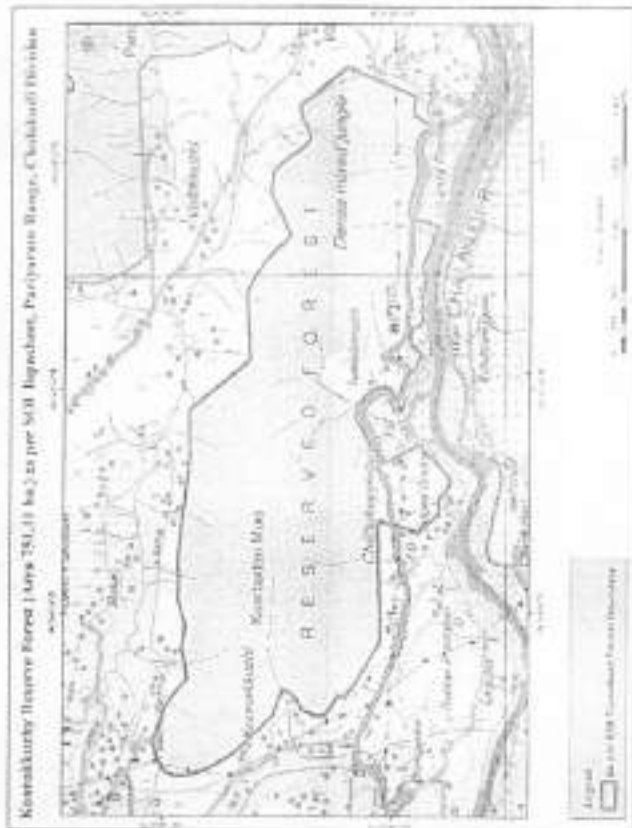
2.9. Finalization of Geo-referenced forest boundary map and SOP

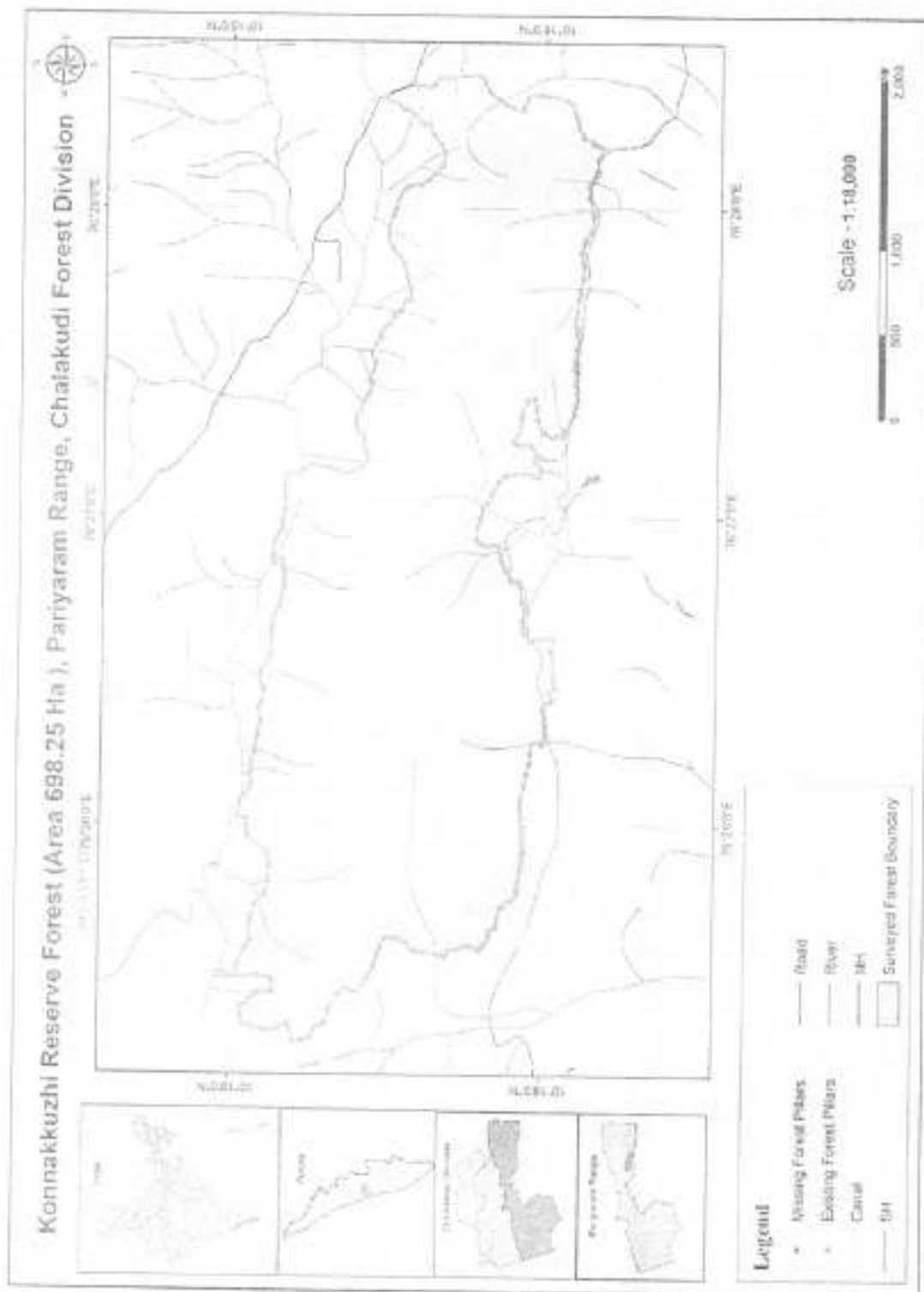
- Generation of geo referenced Forest Boundary Map in Geo PDF as well as Hard Copy with boundary coordinate (DGPS) statement w.r.t. GCP/Benchmark, PCPs & SCPs for final endorsement of Forest & Revenue officials
- Finalization of SOP & operational guideline as per process adopted during finalization of geo-referenced forest boundary map
- Delivery of all softcopy and hardcopy outputs as prescribed by FSI

2.10. Preparation of Draft Notification

- i. A proposal for re-notification of the Forest Block shall be prepared by the concerned Divisional Forest Officer with the final version of map along with a statement of geo-coordinates of pillar positions and computed area and submitted to higher authorities.
- ii. PCCF shall compile division-wise proposals and recommend it to the Government for re-notification.
- iii. The soft and hard copy of the re notified forest block will be made available with the Local Tehsildar and Collector.

Case Studies (Konnakkuzhi Reserve Forest, Pariyaram Range, Chalakkudi Division, Kerala)
Forest Block Boundary with respect to SOT Toposheet and Satellite Image





Note on Process of resolving boundary disputes in case of discrepancy or dispute with Revenue Department (Telangana State).

1. In case where the Forest Land Records/ Gazettes notified are described in Village wise survey numbers, the field measurement book (FMBs) of the survey numbers with TriBI junction points of the villages are used to establish the boundary as per the description. Sometimes, the Differential Global Navigation Satellite System (DGNS) observations of the available features are to be collected to plot and draw conclusions.
2. In case of the forest land is described with Magnetic Bearings and Chainages with description of initial point (Generally linked to revenue survey number stones) and also has the survey number wise description in the notification, both will be used. However, keeping the possible errors in magnetic bearings and distance measurements in sloppy areas, magnetic declination over efflux of time, the bigger polygons of forest blocks are more prone to positional errors. Here, the Revenue land survey numbers are divided into parcels with Approximately 30 Acres as upper limit of each parcel with FMB/ Tippon. Hence, the priority will be given to revenue survey records duly ensuring the shape from the bearings/ chainage FMBs. Here the error of sloppy measurements is less in revenue records as the parcel size is less. In all cases the old intact pillars are taken as control points and used in judging and finalizing. High-resolution satellite images is also used to draw conclusions. Sometimes, the DGNS observations of the available features are to be collected to plot and draw conclusions.
3. Where only Magnetic Bearings and Chainages are available, with starting point linked to revenue survey number stone, there, all the preliminary work will be done. Plotting, superimposing, closing error corrections are carried out and field inspection is made with the projected points from the available data. Here the available pillars geo locations are used as controls to adjust the missing boundary. However, in case of finalizing the missing boundary, due consideration of possible errors in measurements at the time of initial survey are to be borne in mind as the error in bearing, error in distance, magnetic declination all in combinations form a complex error. We also have the Magnetic declination charts prepared by Survey of India, which are helpful to adjustment of declination. Sometimes, the DGNS observations of the available features are to be collected to plot and draw conclusions.
4. Where ever natural features are involved in describing forest boundary such as naifs, cart tracks, rivers the same are ensured how the situation was at the time of notifications.
5. The joint inspection with all the concerned details will be made and after the final boundary agreed upon by the Forest and Revenue departments assisted by the Survey and settlements department, the same is marked if not already marked or missing. The provisions of joint inspection and committees at Mandal (Block), District, State level. Then the accurate DGPS/DGNS observations are made as per the specifications to achieve 20cm accuracy.

Institutional Set-up for Joint verification (Forest and Revenue department)

Forest Division (DFO)	Revenue Administration (Collector)
<ul style="list-style-type: none"> • Collect and provide all data on Notified forest boundary • Formation of Range, Division & District Joint verification committees • Deployment of dedicated personnel (including engagement of RO/ FR/ PG) • Obtain Forest Rights Act (FRA) details from DM / District Collector office • Joint verification of Notified forest boundary • Resolve boundary ambiguities with revenue • Boundary finalisation & Pillar fixing • DGPS survey/ geo-referencing of demarcations • Re-notification Proposals 	<ul style="list-style-type: none"> • Facilitate provision of missing notifications through Settlement Officer • Facilitate provision of FRA land details through Information Technology Development Agency/Tehsil Office. • Appoint SDM/Tahsildar as Forest Settlement Officer • Deployment of dedicated personnel (including engagement of RI/ Amins) • Settle pending mutations • Confirm revenue village boundaries (RI/ Tahsildar) • Conduct periodic review of progress with DFO and remove bottlenecks

**Standard Operating Procedure (SOP) for Demarcation,
Survey and Geo-referencing of Forest Boundary using
DGPS (For Notified Forests)**



**FOREST SURVEY OF INDIA
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE
GOVERNMENT OF INDIA**

Background:

The Hon'ble Supreme Court of India's Order passed on the 6th July 2011, in (IA Nos. 1868, 2091, 2225-2227, 2380, 2568 and 2937) in W/P (C) number 202 of 1995 – the Lafarge matter, it has been directed that all types of forest land be identified and geo-referenced and district forest maps be prepared. In the background of the order, an Empowered Committee has been constituted by MoEF&CC in 2010. The committee has two specific mandates, namely:

- i. to monitor the progress of field identification and geo-referencing of forest land as per the directive of the Supreme Court; and
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This will eventually feed into National Framework for preparation of Geo-referenced maps of all the forests of the country. This Standard operating procedure (SOP) is being made for adoption of similar and detail mannered technical procedure for the State Forest Departments of all States in country.

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Technological requirements for identification and geo-referencing of the forest lands

- i. **Geographic Information Systems (GIS)**
 - To overlay maps & analyze boundary / areas
 - Reconciliation of forest land boundaries
- ii. **Remote Sensing (RS)**
 - For generation of orthorectified satellite image by using GCPs.
 - Georeferencing of forest/revenue/any other maps by using ortho-rectified satellite data and GCPs
 - Integrate other map data (cadastral, SOI, etc.) & infer forest areas
- iii. **Differential GPS (DGPS)**
 - To establish Primary Control points (PCP) & Secondary Control points (SCP)
 - DGPS observations at Existing Pillar Locations
 - To precisely locate the missing boundary pillar points
 - To record precise coordinates of field demarcations (geo-referencing)

Limitations of available forest maps and land records across State/UT forest departments are:

- In the initial stage notifications are prepared based on physical features, which are generally vague have changed over a period of time
- Generally physical features are not sharply defined.
- Forest Land and Revenue Land (Govt. /Pvt) Boundary disputes; Settlements have not been done.
- Errors in the notifications of forest blocks: Imprecise boundary description, part to whole survey using old survey method (chain-compass/ theodolite) so area are roughly estimates (graph sheet/ planimeter), Small scale maps (1mm=50m), etc.
- Boundary pillars either do not exist or have been displaced.
- Green wash areas in SOI toposheets are neither accurate nor have any legal validity
- Northeastern States: unclassified forests, no cadastral maps, no demarcations, few sketch maps
- Many states do not have proper boundary records (notifications, de-notifications, maps, Settlements & diversions; before & after 1980).
- Area discrepancy in existing records / sources (Notified area, traverse map area, SOI map area, Working Plan area, etc.)
- Many Notified Forests do not indicate revenue survey numbers within Forest Blocks.
- Location and extents of FRA settlements.
- Lack of modern survey facility and trained field staff in the State Forest Departments

1. Objective and Scope of the Work for the study:

- i. Identify and demarcate forest boundaries as per the SFD records by DGPS survey and carry out documentation of forests records including clear marking of forests boundaries and prepare Geo-referenced maps including forests boundary pillars.
- ii. Collect necessary documents from Forest Department and other concerned Departments of the pilot forest districts such as Register of Notified Area/ Pillar Register Forest Block Maps, cadastral maps etc.
- iii. Set-up Ground Control points framework (w.r.t. SOI Benchmark)
- iv. Establish Primary Control Points (PCP) and minimum observation time to PCP shall be 12 hours from nearest SOI Benchmark points.

Alternatively, the static observation with a multi/ dual frequency receivers in carrier mode for 72 hours observation is also accepted.

- v. Establish Secondary Control Points (SCP) and minimum observation time to establish secondary points in 4 hours.
- vi. Collection of GCPs (For Cadastral/Revenue Map, Stock/Forest Block Map and HRS) geo-referencing)
- vii. Collect Geo Coordinates of forest Boundary pillars using DGPs (Minimum 15 minutes observation)
- viii. Geo-referencing of village/Revenue maps, Forest Block map/Stock Map/WP Map with reference to high-resolution Ortho-rectified satellite imageries (By using GCP).
- ix. Prepare and supply geo-reference maps of the recorded forest areas (RFA) at the cadastral scale prevalent in the respective State which should be reconciled with the maps of the Revenue Department of the State and provide all the readings and photographs of the notified forest lands marked by boundary pillars as evidence in GIS usable format in Geographic coordinate system-WGS 84 datum of the respective zone.
- x. Integrate/ overlay Revenue cadastral- inter correct forest boundary and locate the missing Boundary pillars.
- xi. Establish geo coordinates of the missing boundary pillars in initial stage peg marking with wooden stick after joint verification is done the responsibility of erecting the boundary pillars where they are missing will lie with the concerned SFD.
- xii. The survey shall be performed using DGPS in real time or post processed mode.
- xiii. Quality check of DGPS data by Concern Forest Geomatics center.
- xiv. Simultaneous joint verification of such located pillar positions by the officials of Revenue and Forest Department and confirmation of pillar position. A minute of the process of joint verification for each forest block shall be drawn up with signature of all participating officials.
- xv. Prepare Maps and Draft notification with boundary coordinates and boundary description (Area statement, Type of Forest land, Compartment no etc.)

2. Approach and Methodology

2.1 Approach:

- i. Confirmation of field demarcations by Forest – Revenue joint verification committee.
 - Field Level Committee (FLC) in each Range with Range Officer, Revenue Inspector.
 - Division Working Committee (DWC) – ACF/SDO, Tahsildar.
 - District Level Forest Coordination Committee (DLFCC) – DFO, ADM, Settlement Officer, Tahsildar.
- ii. DGPS survey of confirmed Boundary Pillars will be conducted by Field level committee.
- iii. The Resolution recognizes need of Technical Partners (professional technical agencies) to dedicatedly devote their time & resources in completion of the One-time exercise.

2.1.2 Identification and Demarcation of Forest Boundary w.r.t. Revenue Boundary:

A	Digitized Cadastral maps are available for reference	<ol style="list-style-type: none"> 1. Overlay digitized Cadastral on Ortho-image (Geo-referencing base) using GIS 2. Interpret Revenue/ Forest boundary 3. Extract boundary (change point) coordinates (latitude-longitude) 4. Locate coordinates on field with sub centimeter precision DGPS and demarcate with Pillars (joint confirmation by revenue & forest)
B	Cadastral maps are available but not digitized	<ol style="list-style-type: none"> 1. Scan and integrate Cadastral maps with orthoimage using GIS 2. Follow Option A - Step 2 to 4
C	No cadastral reference available	<ol style="list-style-type: none"> 1. Integrate SOI map, FSI forest cover map on Geo-referencing base in GIS 2. Interpret Forest boundary (extract co-ordinates in GIS) 3. Locate coordinates on field jointly with revenue officials using submeter precision DGPS 4. Demarcate with Boundary Pillars

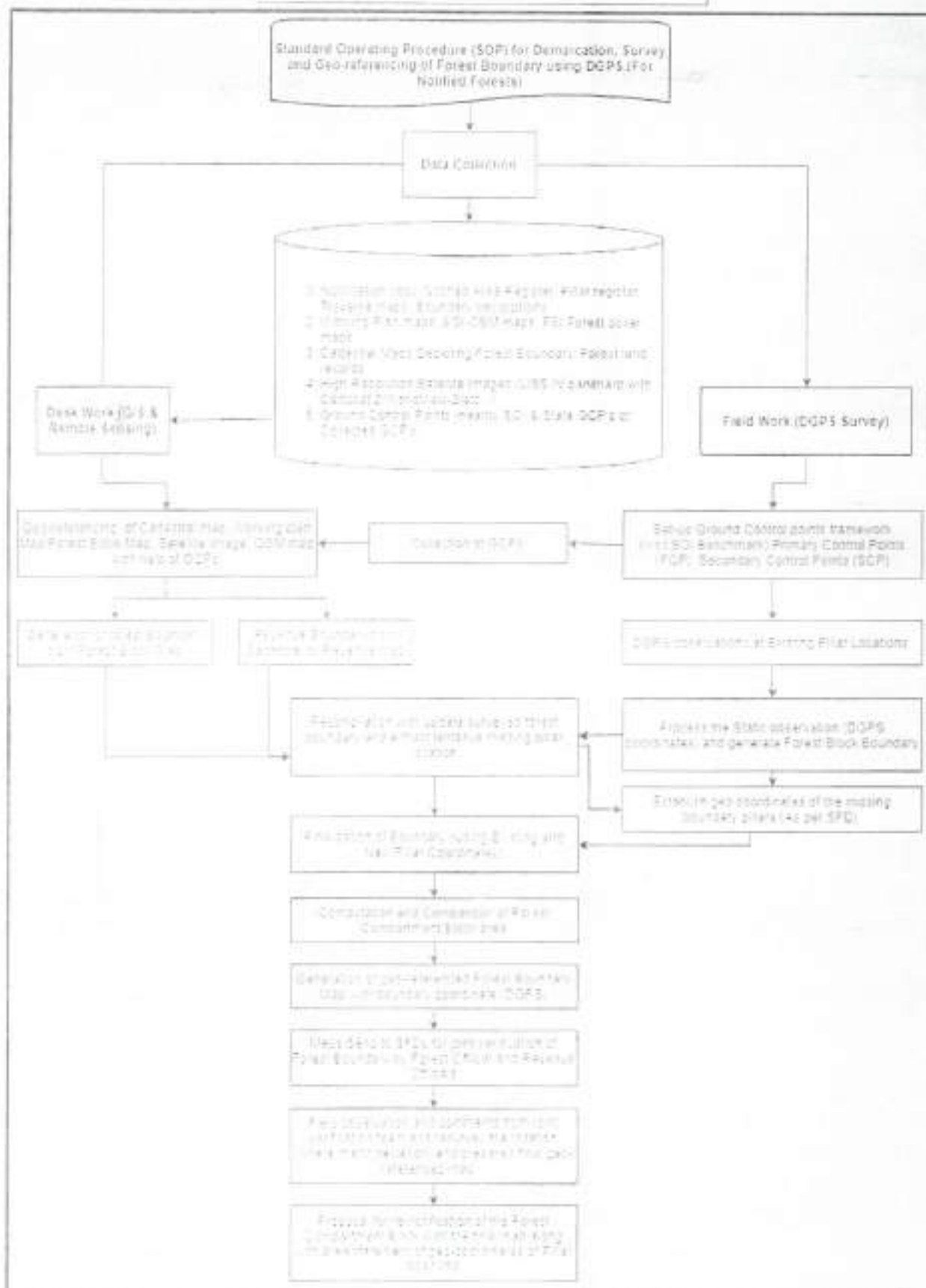
2.1.3 Categorization of Forest Blocks:

(As recommended by Empowered Committee of MOEF&OC on geo-referencing of forest Lands (minutes of the 2nd meeting held on 07.08.2019) Revenue-Forest reconciliation, DFO to accept & approve for Geo-referencing of delineated boundary)

Sl. No.	Type case	Approach
1	NFA - CMA broadly matching in size, location and shape (say < 5% deviation)	<ol style="list-style-type: none"> i. Forest boundary demarcations (pillars) in conformity with CMA and HRSI, if required, (with need based shifting) is to be considered for DGPS survey. ii. Re-notification as per DGPS survey with a remark that 'Change in area is due to method of survey and area computation'.
2	CMA boundary approximately matching with Forest Boundary description, and NFA is less than CMA, where all peripheral villages have been settled before 1980	<ol style="list-style-type: none"> i. Forest boundary demarcations (pillars) in conformity with CMA boundary and HSRI, if required, (with need based shifting) is to be considered for DGPS survey ii. Re-notification as per DGPS survey with remarks that <ul style="list-style-type: none"> • Boundary description remaining same, the change may be due to projection system and survey techniques.
3	CMA boundary approximately partially matching with Forest Boundary description and NFA more than CMA, and all peripheral villages have been settled before 1980	<ol style="list-style-type: none"> i. Conversions of forest land, if any, have to be considered while geo-referencing. ii. Forest boundary demarcations (pillars) in conformity with CMA boundary and HRSI (with need based shifting) is to be considered for DGPS survey iii. Re-notification as per DGPS survey with remarks that <ul style="list-style-type: none"> • The change may be due to projection system and survey techniques and the fact that boundary in some parts have under gone change due to conversion of forests/land settlement that largely account for reduction in forest area. • Since peripheral settlements have occurred prior to 1980, no implication under FC Act.
4	CMA boundary approximately/ partially matching with Forest Boundary description and NFA less than CMA, though some peripheral villages have been settled after 1980	<ol style="list-style-type: none"> i. Forest boundary demarcations (pillars) in conformity with CMA boundary and HSRI (with need based shifting) is to be considered for DGPS survey. ii. Conversions and diversion of forest land, if any, have to be considered while geo-referencing if they effect the part of the forest boundary. iii. Re-notification as per DGPS survey with remarks that <ul style="list-style-type: none"> • Change in area may be due to projection system and survey techniques. • Impact of village settlement after 1980 if have effected the boundary (give details).

Sl. No.	Type case	Approach
5	CMA boundary approximately/partially matching with Forest Boundary description and NFA more than CMA, and some peripheral villages have been settled after 1980	<ul style="list-style-type: none"> i. Conversions and diversions of forest land, if any, have to be considered while geo-referencing ii. Forest boundary demarcations (pillars) in conformity with CMA boundary and HRSI (with need based shifting) is to be considered for DGPS survey. iii. Geo-referenced Hat/Sabik forest parcels, other than private land from adjacent villages, appearing to be a part of notified area are to be included in the re-notification iv. Re-notification as per DGPS survey – including the revenue parcel numbers and area
6	In other cases, including the cases where digitized/ land records are not available.	DGPS survey of forest boundary (pillars and inferred pillar positions) and HRSI. Re-notification as per DGPS survey with remarks that reconciliation with revenue land records could not be done due to their non-availability.
<p>NFA — Notified Forest Area, CMA — Cadastral Map Area — forest boundary as derived from mosaic of village cadastral maps (revenue Department) comprising gaps and/or forest parcel numbers Map Sources: Management Maps — Working Plan Maps :State FD - GIS Georeferenced Cadastral Maps — under DILPMP (Digital India Land Records Modernization Project)</p>		

Flowchart showing overall Methodology



Draft Standard Operating Procedures (SOPs) for Demarcation, Survey and Geo-referencing of Forest Boundary using DGPS

2.2. Data Requirement

Collect all available records of the concerned Forest Division from the forest department and other concerned departments of the State such as the revenue/department.

- Notification copy, Notified Area Register, Pillar register, Traverse maps, Boundary descriptions
- Working Plan maps/Stock Map/Forest Block Map, SOI DSM maps, FSI Forest Cover maps
- Cadastral Map, Cadastral Maps depicting Forest Boundary, Digitized Cadastral (. Shp/DWG or any other format), Forestland records (Rev. Forest/Forest land define in parcel No).
- High Resolution Satellite Images (Cartosat-2, LISS-4, World View -2 & other) from NRSC in consultation with FSI
- Ground Control Points/ Benchmarks (nearby SOI GCP/BMs)
- DGPS instruments

2.3. DGPS Survey

Set-up a network of Ground Control Points framework comprising of PCPs & SCPs in the area of DGPS survey (w.r.t. SOI Benchmark). DGPS survey carried out by M/S. Cyber Swift Pvt. Ltd (Kolkata) in Periyaram Range, Chalakudi Forest Division, Kerala conducting by Forest Survey of India. And the following points are emerged

- A network of Primary Control Points (PCP) shall be established to cover the area DGPS survey. Such PCP shall be located within a 30 km, approximately equilateral triangular grid and in established premises such as Division Office to the extent possible. Establish Primary Control Points (PCP) and minimum observation time to PCP shall be 12 hours from nearest SOI Benchmark points.

If the base station is not linked to Survey of India GCP but established independently as per specifications (minimum observation time shall be 72 hours using Dual/ Multi frequency receivers), the location details of such Base Station Point (BSP) including the Geo coordinates are to be entered in Base Station Point Register of the Range by opening a new Base Station Point Register in the format prescribed

- A network of Secondary control Points (SCP) shall be established near the forest boundary to be surveyed, preferably on certified pillar positions, at an interval of 5 km of crow-fly distance, subject to a minimum of 3 such points per forest block.
 - To establish an SCP the minimum observation time should be at least four hours to get best possible location
- After the establishment of PCPs & SCPs the DGPS survey can be started by setting up the Base Station (Base DGPS receiver) at the nearest SCP.

2.4. Conditions to be observed for the DGPS survey

- The survey shall be conducted with similar instrument as far as possible.
- DGPS instruments being used for survey must be set up to Geographic Coordinate System - WGS84 Datum only.
- Raw data (for Rover DGPS receiver and Base DGPS receiver) as well as post-processed/real-time differentially corrected DGPS readings along with source file, all error charts and outputs for each location shall be submitted as soon as the work is completed.
- For each location (forest boundary pillar, GCP etc) a unique ID shall be created. All the features shall be recorded in this ID. All the features will be extracted from the data.
- The attributes shall be collected as specified by SFD and shall be linked to the corresponding features.

2.5. Creation of Geo-referenced Spatial database for overlaying of forest boundary polygon collected by DGPS survey

This shall involve:

- Procurement of the satellite image from the NRSC
- Ortho-rectification Satellite imagery by using GCPs for geo-referencing
- This shall be followed by the geo-referencing of cadastral maps, working plan maps, stock maps, forest block maps separately by using the GCPs and the ortho-rectified Satellite images.
- Forest boundary is extracted from the georeferenced working plan maps, stock maps, forest block maps.
- The forest boundary in vector will be superimposed on the cadastral map or a mosaic of cadastral maps which already has the revenue boundary and forest boundary (as shown by the Revenue department)
- The DGPS surveyed boundary with boundary pillar coordinates of the desired forest area is also superimposed on the above-mentioned georeferenced image. After superimposition of the DGPS polygon, the information of Missing pillars can be ascertained on the map. The SFD then can pinpoint the location of the pillar on the ground.
- After location and fixing of the missing pillars on the ground a final map can be prepared from the forest side. The forest boundaries may not reconcile with the revenue boundaries at several places, which will be subject to approval after joint inspection and reconciliation with the Revenue authorities. A final georeferenced map showing forest boundaries can be prepared only after reconciliation with the revenue department

2.6. Joint Verification process by Revenue department and Forest Department

- i. The geo-referenced forest boundary map generated in the lab, with computed coordinates of boundary change points, was loaded into the DGPS Rover and was taken to the field for boundary verification.
- ii. Samples checks were made at existing pillar positions not supposed to have been disturbed in the past. Doubtful locations where the pillars might have shifted, or with reports of encroachment, were verified with respect to the geo-reference boundary file loaded on to the DGPS Rover.
- iii. Correct pillar locations were peg marked/Shown on ground for forest division to take future corrective actions in collaboration with Revenue Department. In Case of missing boundary pillars in certain portion of the boundary, change point coordinates were computed from the geo-referenced boundary maps. These locations were staked out in the field using DGPS Rover for its correct positioning on ground.
- iv. The initially a draft boundary map thus prepared was provided to concerned forest division for field verification and validation. The maps were sent to concern Foresters through range-officers for sample checking at different pillar positions. Assistance of Revenue officials (Inspectors/Amins) were taken to confirm boundary positions at encroached locations. JPMC (VSS) members/Villagers were also involved for confirmation of forest boundary at certain locations.
- v. The Draft forest block maps with field observation and comments were returned to respective Forest Division Offices. DFO provided their final observation and suggestions based on field verification report after comparison of the map with respect to existing notification (s).
- vi. Re-survey, in presence of Forest official, were carried out wherever necessary. Consultation with revenue official, where needed, was done by forest division official. Final draft maps were prepared based on observation/ comments of DFO and result of re-survey. Boundary description was made in the form of geo-referenced boundary pillar coordinates. The maps and DGPS boundary description, after a final round of verification, were authenticated by the forest division.

2.7. Certified Pillar position & Quality Control by SFD

2.7.1 DGPS Survey of Certified Pillar Positions

DGPS observed coordinates of confirmed pillar positions should be collected in Post Processed Kinematic (PPK) mode with simultaneous reference to a permanent reference station established within a maximum distance of 50 km and one of the PCP or SCP. Must be set-in to Geographic Coordinate System- WGS84 Datum and the observed conform Pillar coordinates certified by concern Divisional Forest Officer

2.7.2 Quality Control of DGPS Survey

All the job data collected through DGPS device shall be quality checked by

Concern Forest Geomatics center by using standard procedure. In case of doubtful data, re-observation shall be undertaken. If necessary, a sample check in the field will be undertaken to assure the accuracy of observed data. After necessary quality checking the data will be available for mapping in GIS platform.

2.8. Computation and Comparison Forest Compartment/Block area and Preparation of map

- Forest block area (corrected) will be computed from management map vector and also from cadastral vector. Such computed area will be compared with the area recorded in the notification. In case of significant deviation in area it shall be the responsibility of the concerned Divisional Forest Officer to reconcile the figure taking into account past forest land alienations/ village settlement records, if any.
- A draft map will be prepared on the basis of DGPS surveyed data along with some basic thematic layers derived from ortho-satellite images and handed over to the concerned Divisional Forest Officer for a final round of checking at his level. One copy of the draft map will also be submitted to the Tahsildar for exhibition at the Gram Panchayat Office for inviting claims and objections. Hearing and disposal of claims shall be undertaken jointly by the DFO and Tahsildar.
- After going through the process allowing a maximum time of 15 days inviting objections, stated just above, the final version of forest block boundary map will be generated both in soft and hard versions.

2.9. Finalization of Geo-referenced forest boundary map and SOP

- Generation of geo referenced Forest Boundary Map in Geo PDF as well as Hard Copy with boundary coordinate (DGPS) statement w.r.t. GCP/Benchmark, PCPs & SCPs for final endorsement of Forest & Revenue officials
- Finalization of SOP & operational guideline as per process adopted during finalization of geo-referenced forest boundary map
- Delivery of all softcopy and hardcopy outputs as prescribed by FSI

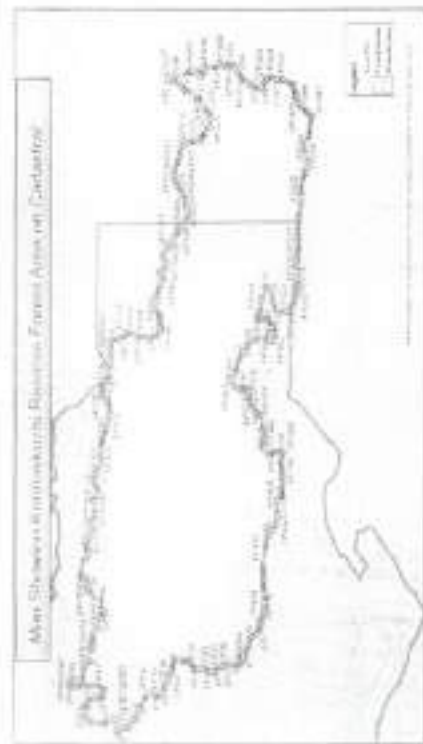
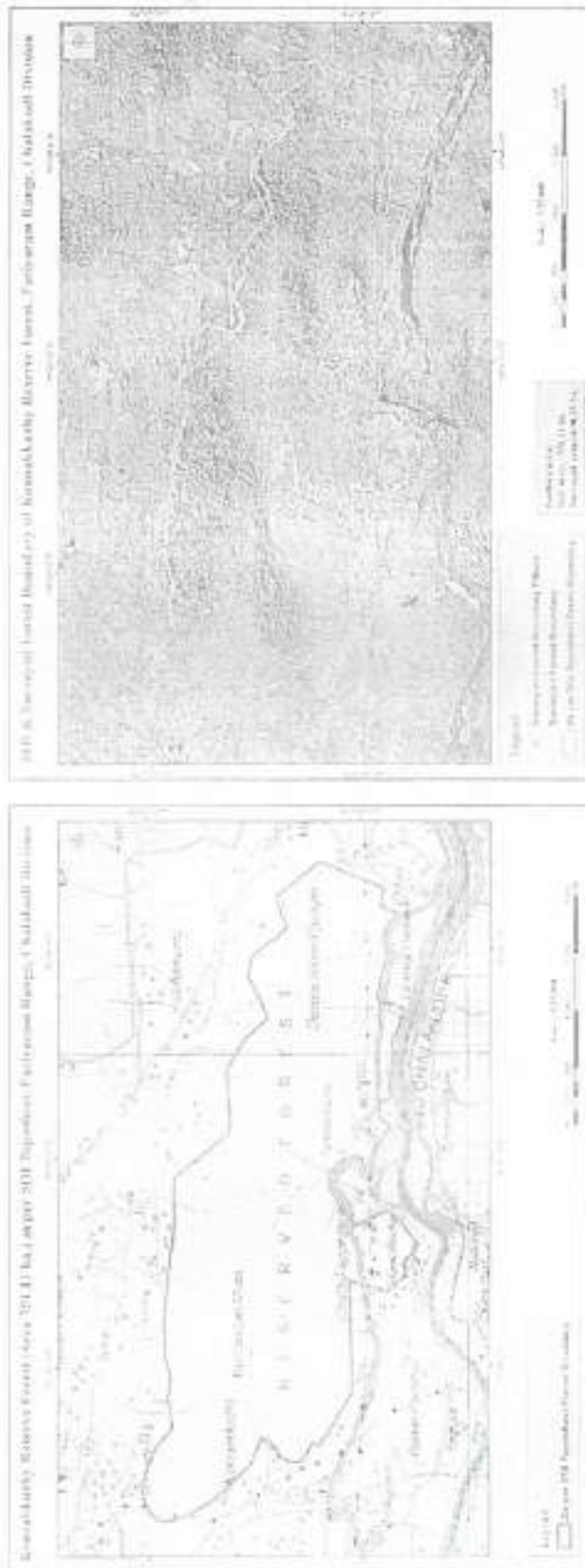
2.10. Preparation of Draft Notification

i. A proposal for re-notification of the Forest Block shall be prepared by the concerned Divisional Forest Officer with the final version of map along with a statement of geo-coordinates of pillar positions and computed area and submitted to higher authorities.

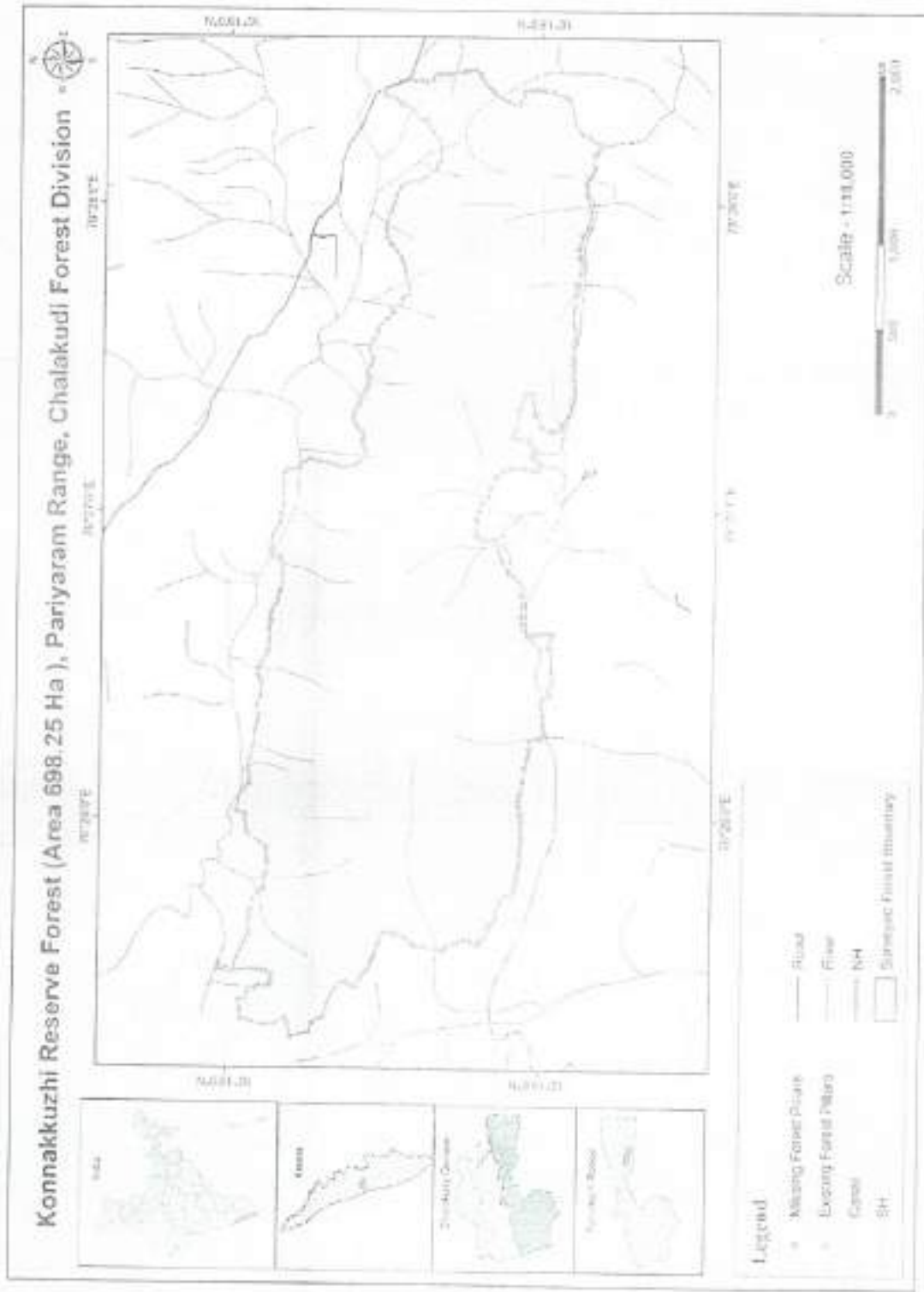
ii. PCCF shall compile division-wise proposals and recommend it to the Government for re-notification.

iii. The soft and hard copy of the re-notified forest block will be made available with the Local Tahsildar and Collector.

**Case Studies (Konnakkuzhi Reserve Forest, Pariyaram Range, Chakkudi Forest Division, Kerala)
Forest Block Boundary with respect to S01 Toposheet and Satellite Image**



Tentative Final Geo-referenced Map generated in GIS through DGPS surveyed boundary pillars coordinates



Note on Process of resolving boundary disputes in case of discrepancy or dispute with Revenue Department (Telangana State).

1. In case where the Forest Land Records/ Gazettes notified are described in Village wise survey numbers, the field measurement book (FMBs) of the survey numbers with Tri/Bi junction points of the villages are used to establish the boundary as per the description. Sometimes, the Differential Global Navigation Satellite System (DGNS) observations of the available features are to be collected to plot and draw conclusions.
2. In case of the forest land is described with Magnetic Bearings and Chainages with description of initial point (Generally linked to revenue survey number stones) and also has the survey number wise description in the notification, both will be used. However, keeping the possible errors in magnetic bearings and distance measurements in sloppy areas, magnetic declination over efflux of time, the bigger polygons of forest blocks are more prone to positional errors. Here, the Revenue land survey numbers are divided into parcels with Approximately 30 Acres as upper limit of each parcel with FMB/ Tippon. Hence, the priority will be given to revenue survey records duly ensuring the shape from the bearings/ chainage-FMBs. Here the error of sloppy measurements is less in revenue records as the parcel size is less. In all cases the old intact pillars are taken as control points and used in judging and finalizing. High-resolution satellite images is also used to draw conclusions. Sometimes, the DGNS observations of the available features are to be collected to plot and draw conclusions.
3. Where only Magnetic Bearings and Chainages are available, with starting point linked to revenue survey number stone, there, all the preliminary work will be done. Plotting, superimposing, closing error corrections are carried out and field inspection is made with the projected points from the available data. Here the available pillars geo locations are used as controls to adjust the missing boundary. However, in case of finalizing the missing boundary, due consideration of possible errors in measurements at the time of initial survey are to be borne in mind as the error in bearing, error in distance, magnetic declination all in combinations form a complex error. We also have the Magnetic declination charts prepared by Survey of India, which are helpful to adjustment of declination. Sometimes, the DGNS observations of the available features are to be collected to plot and draw conclusions.
4. Where ever natural features are involved in describing forest boundary such as naals, cart tracks, rivers the same are ensured how the situation was at the time of notifications.
5. The joint inspection with all the concerned details will be made and after the final boundary agreed upon by the Forest and Revenue departments assisted by the Survey and settlements department, the same is marked if not already marked or missing. The provisions of joint inspection and committees at Mandal (Block), District, State level. Then the accurate DGPS/DGNS observations are made as per the specifications to achieve 20cm accuracy.

Institutional Set-up for Join verification (Forest and Revenue department)

Forest Division (DFO)	Revenue Administration (Collector)
<ul style="list-style-type: none"> • Collect and provide all data on Notified forest boundary • Formation of Range, Division & District Joint verification committees • Deployment of dedicated personnel (including engagement of RO/ FR/ FG) • Obtain Forest Rights Act (FRA) details from DM / District Collector office • Joint verification of Notified forest boundary • Resolve boundary ambiguities with revenue • Boundary finalisation & Pillar fixing • DGPS survey/ geo-referencing of demarcations • Re-notification Proposals 	<ul style="list-style-type: none"> • Facilitate provision of missing notifications through Settlement Officer • Facilitate provision of FRA land details through Information Technology Development Agency/ Tehsil Office • Appoint SDM/ Tehsildar as Forest Settlement Officer • Deployment of dedicated personnel (including engagement of RI/ Amins) • Settle pending mutations • Confirm revenue village boundaries (RI/ Tehsildar) • Conduct periodic review of progress with DFO and remove bottlenecks

**Standard Operating Procedure (SOP) for Demarcation,
Survey and Geo-referencing of Forest Boundary using
DGPS (For Deemed forests/Un-Surveyed/Unclassified
forests)**



**FOREST SURVEY OF INDIA
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE
GOVERNMENT OF INDIA**

Background:

The Hon'ble Supreme Court of India's Order passed on the 6th July 2011, in (IA Nos. 1868, 2091, 2225-2227, 2380, 2568 and 2937) in WP (C) number 202 of 1995 – the Lafarge matter, it has been directed that all types of forest land be identified and geo-referenced and district forest maps be prepared. In the background of the order, an Empowered Committee has been constituted by MoEF&CC in 2019. The committee has two specific mandates, namely:

- i. to monitor the progress of field identification and geo-referencing of forest land as per the directive of the Supreme Court; and
- ii. to resolve the discrepancy between notified forest area and geo-referenced forest area.

This will eventually feed into National Framework for preparation of Geo-referenced maps of all the forests of the country. This Standard operating procedure (SOP) is being made for adoption of similar and detail mannered technical procedure for the State Forest Departments of all States in country.

The draft SOPs have been prepared by FSI by taking up a pilot study in Chakkudy Forest Division in Kerala through a firm M/s Cybersoft Pvt. Ltd. and taking inputs from the SOPs developed by the States of Odisha, Maharashtra, West Bengal Uttar Pradesh, Maharashtra & Karnataka and inputs from the States of Uttar Pradesh, Telangana, West Bengal, Maharashtra, Himachal Pradesh, Jharkhand, Karnataka, Maharashtra & Rajasthan.

Deemed forests, comprising about 1% of India's forest land, are a controversial subject as they refer to land tracts that appear to be a "forest", but have not been notified so by the government or in historical records.

Technological requirements for identification and geo-referencing of the forest lands:**i. Geographic Information Systems (GIS)**

- To overlay maps & analyze boundary / areas
- Reconciliation of forest land boundaries

ii. Remote Sensing (RS)

- For generation of orthorectified satellite image by using GCPs
- Georeferencing of forest/revenue/any other maps by using ortho-rectified satellite data and GCPs
- Integrate other map data (cadastral, SOI, etc.) & infer forest areas

iii. Differential GPS (DGPS)

- To establish Primary Control points (PCP) & Secondary Control points (SCP)
- DGPS observations at Existing Pillar Locations
- To precisely locate the missing boundary pillar points
- To record precise coordinates of field demarcations (geo-referencing)

Limitations of available forest maps and land records across State/UT forest departments are:

- In the initial stage notifications are prepared based on physical features, which are generally vague have changed over a period of time.
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- Errors in the notifications of forest blocks: Imprecise boundary description, part to whole survey using old survey method (chain-compass/ theodolite) so area are roughly estimates (graph sheet/ planimeter). Small scale maps (1mm=50m), etc.
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- Many states do not have proper boundary records (notifications, de-notifications, maps, Settlements & diversions: before & after 1980)
- Area discrepancy in existing records - sources (Notified area, traverse map area, SOI map area, Working Plan area, etc.)
- Many Notified Forests do not indicate revenue survey numbers within Forest Blocks.
- Location and extents of PRA settlements.
- Lack of modern survey facility and trained field staff in the State Forest Departments.

1. Objective and Scope of the Work for the study:

- i. Identify and demarcate forest boundaries as per the SFD records by DGPS survey and carry out documentation of forests records including clear marking of forests boundaries and prepare Geo-referenced maps including forests boundary pillars.
- ii. Collect necessary documents from Forest Department and other concerned Departments of the pilot forest districts such as Register of Notified Area/ Pillar Register Forest Block Maps, cadastral maps etc.
- iii. Set-up Ground Control points framework (w.r.t. SOI Benchmark)
- iv. Establish Primary Control Points (PCP) and minimum observation time to PCP shall be 12 hours from nearest SOI Benchmark points.

Alternately, the static observation with a multi dual frequency receivers in carrier mode for 72 hours observation is also accepted.

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- viii. Geo-referencing of village/Revenue maps, Forest Block map/Stock Map/WP Map with reference to high-resolution Ortho-rectified satellite imageries (By using GCP).
- ix. Prepare and supply geo-reference maps of the recorded forest areas (RFA) at the cadastral scale prevalent in the respective State which should be reconciled with the maps of the Revenue Department of the State and provide all the readings and photographs of the notified forest lands marked by boundary pillars as evidence in GIS usable format in Geographic coordinate system/WGS 84 datum of the respective zone.
- x. Integrate/ overlay Revenue cadastral- inter correct forest boundary and locate the missing Boundary pillars.
- xi. Establish geo-coordinates of the missing boundary pillars in initial stage-peg marking with wooden stick after joint verification is done the responsibility of erecting the boundary pillars where they are missing will lie with the concerned SFD.
- xii. The survey shall be performed using DGPS in real time or post processed mode.
- xiii. Quality check of DGPS data by Concern Forest Geomatics center.
- xiv. Simultaneous Joint verification of such located pillar positions by the officials of Revenue and Forest Department and confirmation of pillar position. A minute of the process of joint verification for each forest block shall be drawn up with signature of all participating officials.
- xv. Prepare Maps and Draft notification with boundary coordinates and boundary description (Area statement, Type of Forest land, Compartment no etc.)

2. Approach and Methodology

2.1 Approach:

- i. Confirmation of field demarcations by Forest – Revenue joint verification committee.
 - Field Level Committee (FLC) in each Range with Range Officer, Revenue Inspector.
 - Division Working Committee (DWC) – ACF/SDO, Tahsildar.
 - District Level Forest Coordination Committee (DLFCC) – DFO, ADM, Settlement Officer, Tahsildar.
- ii. DGPS survey of confirmed Boundary Pillars will be conducted by Field level committee.
- iii. The Resolution recognizes need of Technical Partners (professional technical agencies) to dedicatedly devote their time & resources in completion of the One-time exercise.

2.1.1 Identification and Demarcation of Forest Boundary w.r.t. Revenue Boundary:

A	Digitized Cadastral maps are available for reference	<ol style="list-style-type: none"> 1. Overlay digitized Cadastral on Ortho-image (Geo-referencing base) using GIS 2. Interpret Revenue/ Forest boundary 3. Extract boundary (change point) coordinates (attitude-longitude) 4. Locate coordinates on field with sub centimeter precision DGPS and demarcate with Pillars (joint confirmation by revenue & forest)
B	Cadastral maps are available but not digitized	<ol style="list-style-type: none"> 1. Scan and integrate Cadastral maps with orthoimage using GIS 2. Follow Option A - Step 2 to 4
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2.1.2 Categorization of Forest Blocks:

(As recommended by Empowered Committee of MOEF&CC on geo- referencing of forest Lands (minutes of the 2nd meeting held on 07.08.2019) Revenue-Forest reconciliation. DFO to accept & approve for Geo-referencing of delineated boundary)

Sl. No.	Type case	Approach
1	NFA - CMA broadly matching in size, location and shape (say < 5% deviation)	<p>i. Forest boundary demarcations (pillars) in conformity with CMA and HSRI, if required, (with need based shifting) is to be considered for DGPS survey.</p> <p>ii. Re-notification as per DGPS survey with a remark that 'Change in area is due to method of survey and area computation'.</p>
2	CMA boundary approximately matching with Forest Boundary description, and NFA is less than CMA, where all peripheral villages have been settled before 1980	<p>i. Forest boundary demarcations (pillars) in conformity with CMA boundary and HSRI, if required, (with need based shifting) is to be considered for DGPS survey</p> <p>ii. Re-notification as per DGPS survey with remarks that</p> <ul style="list-style-type: none"> • Boundary description remaining same, the change may be due to projection system and survey techniques.
3	CMA boundary approximately /partially matching with Forest Boundary description and NFA more than CMA, and all peripheral villages have been settled before 1980	<p>i. Conversions of forest land, if any, have to be considered while geo-referencing.</p> <p>ii. Forest boundary demarcations (pillars) in conformity with CMA boundary and HSRI (with need based shifting) is to be considered for DGPS survey</p> <p>iii. Re-notification as per DGPS survey with remarks that</p> <ul style="list-style-type: none"> • The change may be due to projection system and survey techniques and the fact that boundary in some parts have under gone change due to conversion of forest/land settlement that largely account for reduction in forest area. • Since peripheral settlements have occurred prior to 1980, no implication under FC Act
4	CMA boundary approximately/partially matching with Forest Boundary description and NFA less than CMA, though some peripheral villages have been settled after 1980	<p>i. Forest boundary demarcations (pillars) in conformity with CMA boundary and HSRI (with need based shifting) is to be considered for DGPS survey.</p> <p>ii. Conversions and diversion of forest land, if any, have to be considered while geo-referencing, if they effect the part of the forest boundary.</p> <p>iii. Re-notification as per DGPS survey with remarks that</p> <ul style="list-style-type: none"> • Change in area may be due to projection system and survey techniques. • Impact of village settlement after 1980 if have affected the boundary (give details)
5	CMA boundary approximately/partially matching with Forest Boundary description and NFA more than CMA, and some peripheral villages have been settled after 1980	<p>i. Conversions and diversions of forest land, if any, have to be considered while geo-referencing.</p> <p>ii. Forest boundary demarcations (pillars) in conformity with CMA boundary and HSRI (with need based shifting) is to be considered for DGPS survey.</p> <p>iii. Geo-referenced Hal/Sabik forest parcels, other than private land from adjacent villages, appearing to be a part of notified area are to be included in the re-notification</p>

Sl. No.	Type case	Approach
		iv Re-notification as per DGPS survey – including the revenue parcel numbers and area.
6	In other cases, including the cases where digitized land records are not available.	DGPS survey of forest boundary (pillars and inferred pillar positions) and HRSI. Re-notification as per DGPS survey with remarks that reconciliation with revenue land records could not be done due to their non-availability.

NFA — Notified Forest Area.

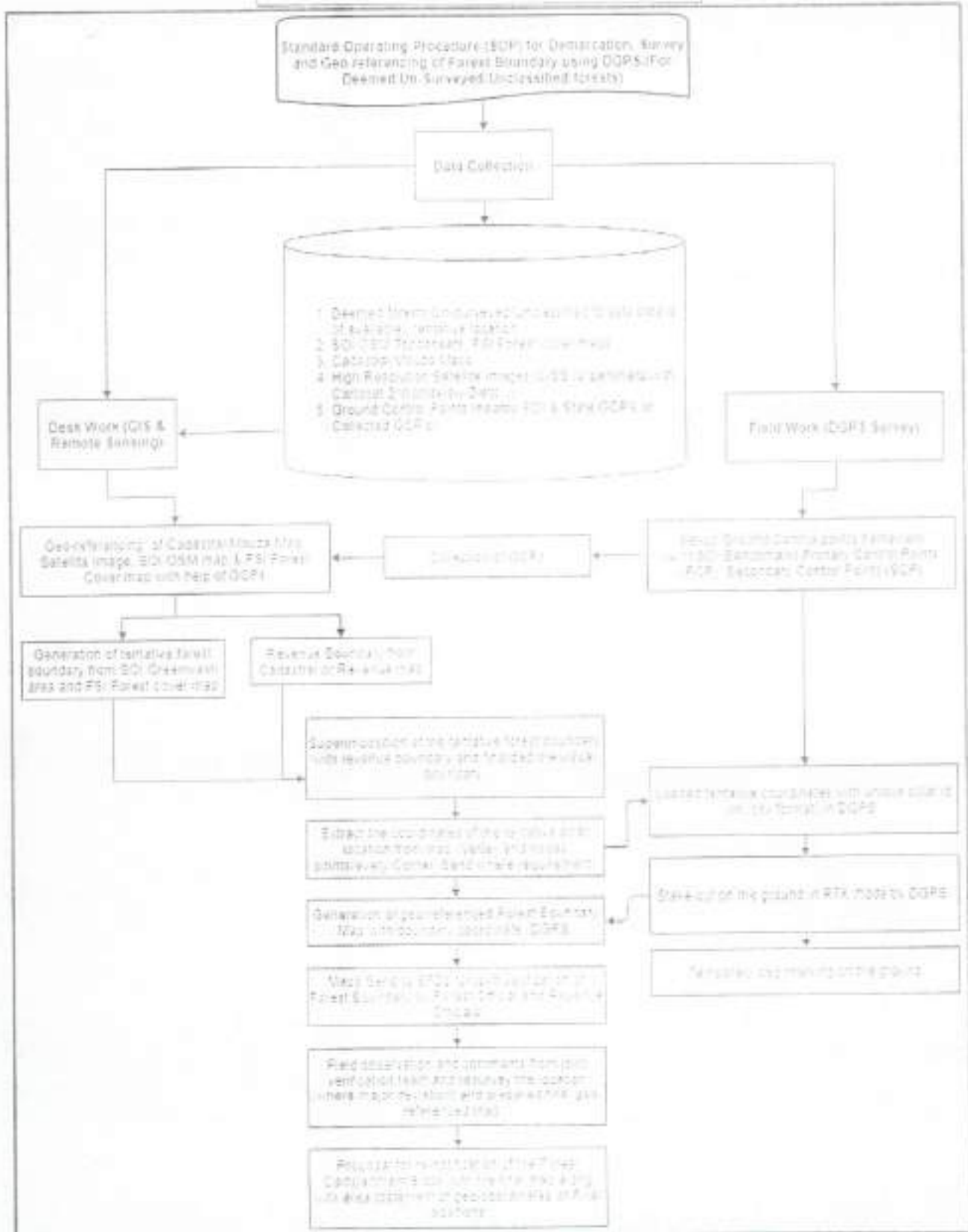
CMA — Cadastral Map Area — forest boundary as derived from mosaic of village cadastral maps (revenue Department) comprising gaps and/or forest parcel numbers.

Map Sources:

Management Maps — Working Plan Maps / State FD - GIS

Georeferenced Cadastral Maps — under DILRMP (Digital India Land Records Modernization Project)

Flowchart showing overall Methodology



Draft Standard Operating Procedures (SOPs) for Demarcation, Survey and Geo-referencing of Forest Boundary using DGPS

2.2. Data Requirement

Collect all available records of the concerned Forest Division from the forest department and other concerned departments of the State such as the revenue/department.

- Deemed forests/Un-Surveyed/Unclassified forests details, tentative location.
- SOI DSM maps, FSI Forest Cover maps
- Cadastral Map, Cadastral Maps depicting Forest Boundary, Digitized Cadastral (. Shp/ DWG or any other format), Forestland records (Rev. Forest/Forest land define in parcel No.)
- High Resolution Satellite images (Cartosat-2, LISS-4, World View -2 & other) from NRSC in consultation with FSI.
- Ground Control Points/ Benchmarks (nearby SOI GCP/BMs)
- DGPS instruments

2.3. DGPS Survey

Select a network of Ground Control Points framework comprising of PCPs & SCPs in the area of DGPS survey (w.r.t. SOI Benchmark).

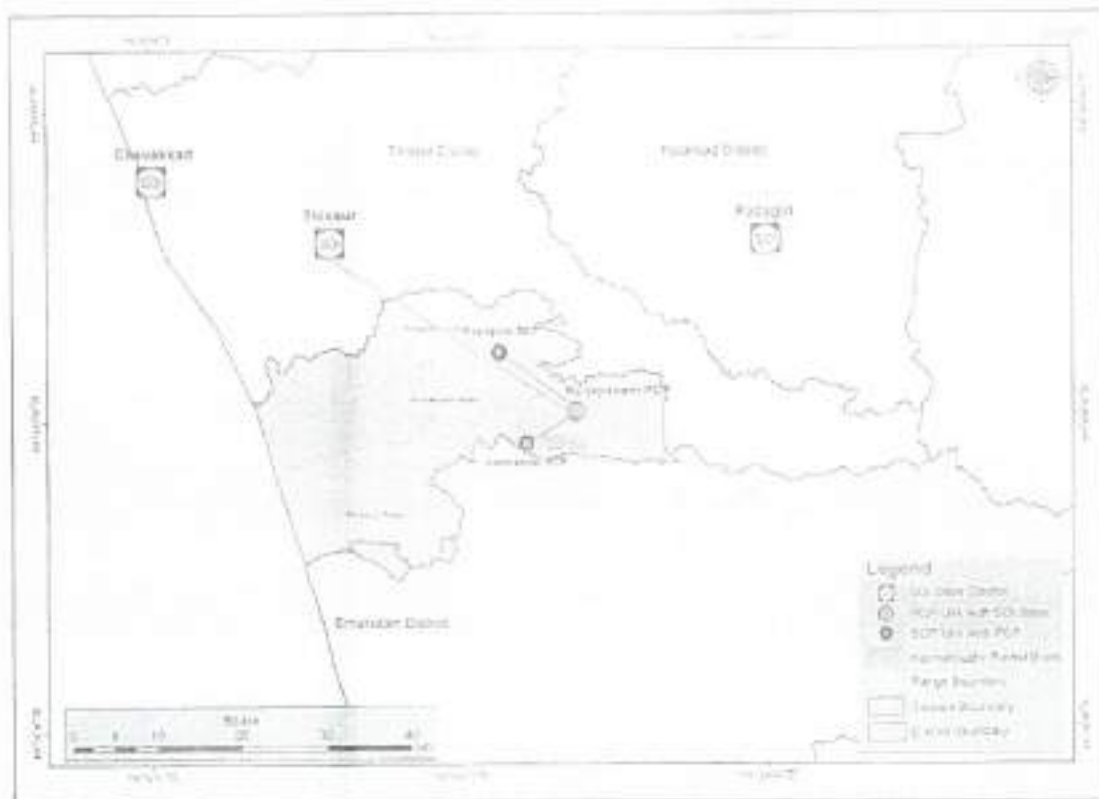
- A network of Primary Control Points (PCP) shall be established to cover the area DGPS survey. Such PCP shall be located within a 30 km, approximately equilateral triangular grid and in established premises such as Division Office to the extent possible. Establish Primary Control Points (PCP) and minimum observation time to PCP shall be 12 hours from nearest SOI Benchmark points.

If the base station is not linked to Survey of India GCP but established independently as per specifications (minimum observation time shall be 72 hours using Dual/ Multi frequency receivers), the location details of such Base Station Point (BSP) including the Geo coordinates are to be entered in Base Station Point Register of the Range by opening a new Base Station Point Register in the format prescribed.

- A network of Secondary control Points (SCP) shall be established near the forest boundary to be surveyed, at an interval of 5 km of crow-fly distance, subject to a minimum of 3 such points per forest block.
- To establish an SCP the minimum observation time should be at least four hours to get best possible location.
- After the establishment of PCPs & SCPs the DGPS survey can be started by setting up the Base Station (Base DGPS receiver) at the nearest SCP.
- Field data collection by using the Rover DGPS receiver may be started by making observations at each corner or nodes. Minimum observation period of the rover DGPS at a pillar should be of at least 15 minutes.

- Simultaneous Collection of Ground Control Points (GCP) may be carried out during the DGPS survey. The GCPs collected at specific locations (Such as any trijunction, permanent and immovable features on the land) may be used for georeferencing of the Cadastral/Revenue Map, SOI DSM Toposheet and FSI Forest Cover Map and High Resolution Satellite Image (HRSI).
- All new RCPs and SCPs shall be monumented in the following manner.
 - i. A cement concrete block of dimensions 3' x 2' x 2' will be erected with two-third embedded in the soil.
 - ii. Geo-coordinates of the center of the block shall be engraved over the block surface and text painted in black colour.

Establishment of Ground Control Points (Base Station) framework (w.r.t SOI GCPs/Base Station)



2.4. Conditions to the observed for the DGPS survey

- The survey shall be conducted with similar instrument as far as possible.
- DGPS instruments being used for survey must be set up to Geographic Coordinate System - WGS84 Datum only.
- Raw data (for Rover DGPS receiver and Base DGPS receiver) as well as post-processed/real-time differentially corrected DGPS readings along with source file, all error charts and outputs for each location shall be submitted as soon as the work is completed.
- For each location (forest boundary pillar, GCP etc) a unique ID shall be created. All the features shall be recorded in this ID. All the features will be extracted from the data.
- The attributes shall be collected as specified by SFD and shall be linked to the corresponding features.

2.5. Creation of Geo-referenced Spatial database for overlaying of forest boundary polygon collected by DGPS survey

This shall involve:

- Procurement of the satellite image from the NRSC
- Ortho-rectification Satellite imagery by using GCPs for geo-referencing
- This shall be followed by the geo-referencing of cadastral maps, SOI OSM Toposheet and FSI Forest Cover map by using the GCPs and the Ortho-rectified Satellite images
- The tentative Forest boundary was extracted from the georeferenced SOI OSM Toposheet Green Wash area and FSI Forest Cover area. The forest boundary in vector will be superimposed on the cadastral map or a mosaic of cadastral maps, which already has the revenue boundary and forest boundary (as shown by the Revenue department). If a Deemed forests/Un-Surveyed/Unclassified forests is surrounded by a revenue boundary, the revenue boundary will always be given priority.
- After superimposition of the Revenue boundary with tentative forest boundary (extract from SOI Toposheet Green wash/ Forest cover area) finalized the visual boundary. Extract the coordinates of the tentative pillar location (Vertex and nodes points/ every Corner, Bend where requirement) as per final visual boundary. Loaded tentative coordinates with unique pillar id (in .csv format) in DGPS and Stake out on the ground. The SFD then can pinpoint (peg marking) the location of the pillar on the ground.
- After tentative pillars peg marking completed on the ground a final map can be prepared from the forest side. The forest boundaries may not reconcile with the revenue boundaries at several places, which will be subject to approval after joint inspection and reconciliation with the Revenue authorities. A final georeferenced map showing forest boundaries can be prepared only after reconciliation with the revenue department.

2.6. Joint Verification process by Revenue department and Forest Department

- i. The geo-referenced visual forest boundary map generated in the lab, with computed coordinates of boundary change points, was loaded into the DGPS Rover and was taken to the field for boundary verification.
- ii. Doubtful locations where the pillars might have shifted, or with reports of encroachment and verified with respect to the geo-reference boundary file loaded on to the DGPS Rover.
- iii. Correct pillar locations were peg marked/shown on ground for forest division to take future corrective actions in collaboration with Revenue Department. In case of missing boundary pillars in certain portion of the boundary, change point coordinates were computed from the geo-referenced boundary maps. These locations were stacked out in the field using DGPS Rover for its correct positioning on ground.
- iv. The initially a draft boundary map thus prepared was provided to concerned forest division for field verification and validation. The maps were sent to concern Foresters through range officers for sample checking at different pillar positions (Peg marked). Assistance of Revenue officials (Inspectors/Axons) were taken to confirm boundary positions at encroached locations. JPMC members/Villagers were also involved for confirmation of forest boundary at certain locations.
- v. The Draft maps with field observation and comments are return to respective Forest Division Offices. DFO provided their final observation and suggestions based on field verification report.
- vi. Re-survey, in presence of Forest official were carried out wherever necessary. Consultation with revenue official, where needed, was done by forest division official. Final draft maps were prepared based on observation/ comments of DFO and result of re-survey. Boundary description was made in the form of geo-referenced boundary pillar coordinates. The maps and DGPS boundary description, after a final round of verification, were authenticated by the forest division.

2.7. Certified Pillar position & Quality Control by SFD

2.7.1 DGPS Survey of Certified Pillar Positions

The DGPS Stake out coordinates of tentative pillar positions should be collected in Real Time Kinematic (RTK) mode with simultaneous reference to a permanent reference station established within a maximum distance of 50 km and one of the PCP or SCP. Must be set-in to Geographic Coordinate System- WGS84 Datum and the observed conform Pillar coordinates certified by concern Divisional Forest Officer.

2.7.2 Quality Control of DGPS Survey

All the job data collected through DGPS device shall be quality checked by Concern Forest Geomatics center by using standard procedure. In case of doubtful data, re-observation shall be undertaken. If necessary, a sample check in the field will be undertaken to assure the accuracy of observed data. After necessary quality checking the data will be available for mapping in GIS platform.

2.6: Preparation of map

- After joint verification and resurvey, a final draft map can be prepared. Divisional Forest Officer reconcile the figure taking into account village settlement records, if any.
- A map will be prepared based on DGPS surveyed data along with some basic thematic layers derived from Ortho-Satellite images and handed over to the concerned Divisional Forest Officer for a final round of checking at his level. One copy of the draft map will also be submitted to the Tehsildar for exhibition at the Gram Panchayat Office for inviting claims and objections. Hearing and disposal of claims shall be undertaken jointly by the DFO and Tehsildar.
- After going through the process allowing a maximum time of 15 days inviting objections, stated just above, the final version of forest block boundary map will be generated both in soft and hard versions.

2.7: Finalization of Geo-referenced forest boundary map and SOP

- Generation of geo-referenced Forest Boundary Map in Geo PDF as well as Hard Copy with boundary coordinate (DGPS) statement w.r.t. GCP/Benchmark, PCPs & SCPs for final endorsement of Forest & Revenue officials.
- Finalization of SOP & operational guideline as per process adopted during finalization of geo-referenced forest boundary map.
- Delivery of all softcopy and hardcopy outputs as prescribed by FSI.

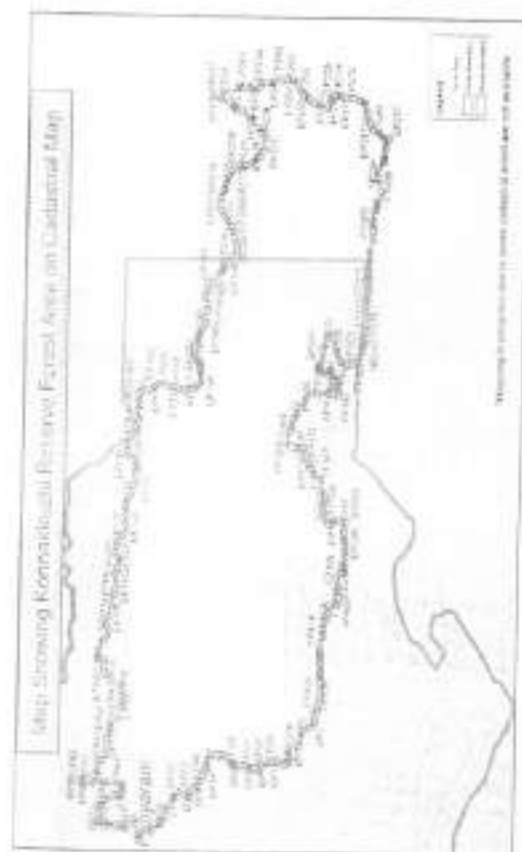
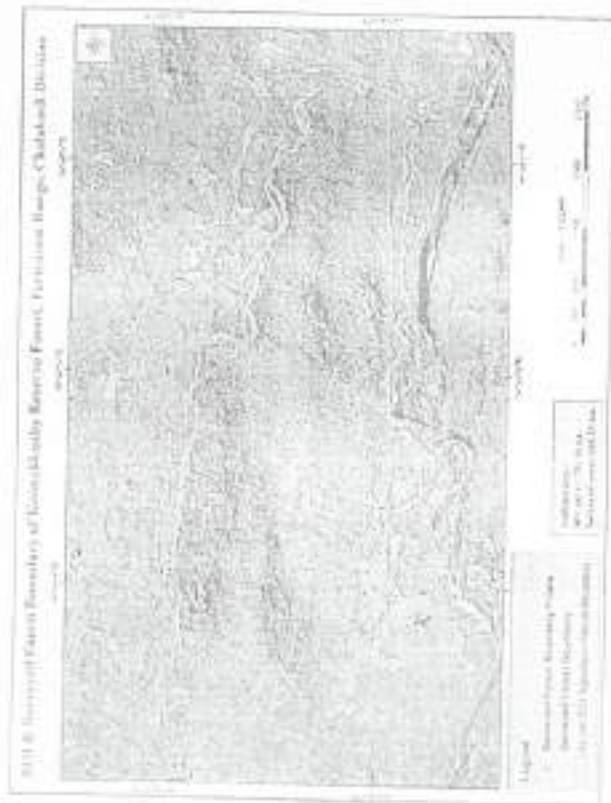
2.8. Preparation of Draft Notification

IA proposal for notification of the Forest Block shall be prepared by the concerned Divisional Forest Officer. The final version of map along with a statement of geo-coordinates of pillar positions and computed area submitted to higher authorities.

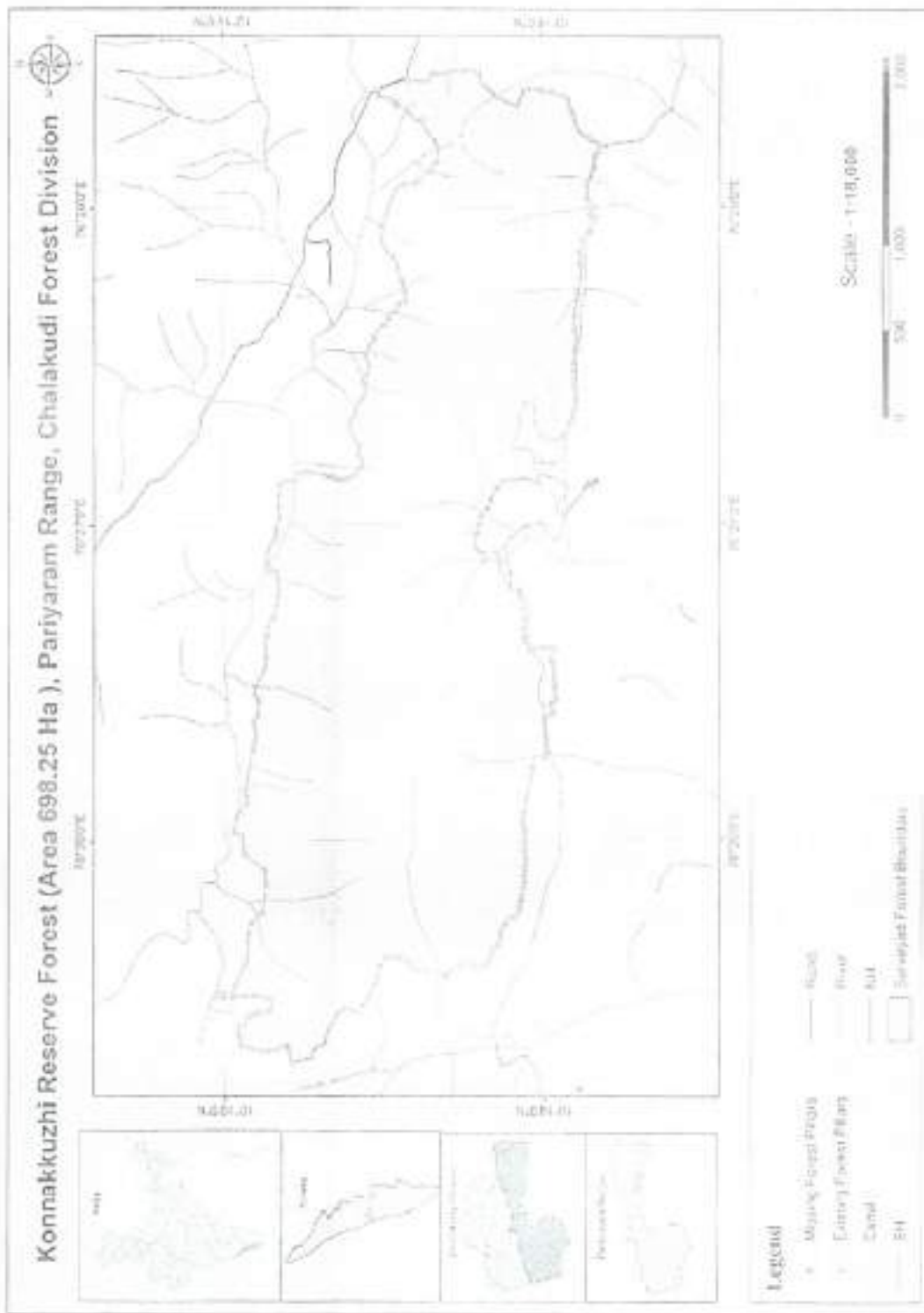
i. PCCF shall compile division-wise proposals and recommend it to the Government for notification.

ii. The soft and hard copy of the re notified forest block will be made available with the Local Tahsildar and Collector.

Case Studies (Konnakkuzhi) Reserve Forest, Panyatram Range, Chalakkudi Forest Division, Kerala
Forest Block Boundary with respect to SOI Toposheet and Satellite Image



Tentative Final Geo-referenced Map generated in GIS through DGPS surveyed boundary pillars coordinates



Note on Process of resolving boundary disputes in case of discrepancy or dispute with Revenue Department (Telangana State).

1. In case where the Forest Land Records/ Gazettes notified are described in Village wise survey numbers, the field measurement book (FMBs) of the survey numbers with Tri/Bi junction points of the villages are used to establish the boundary as per the description. Sometimes, the Differential Global Navigation Satellite System (DGNSS) observations of the available features are to be collected to plot and draw conclusions.
2. In case of the forest land is described with Magnetic Bearings and Chainages with description of initial point (Generally linked to revenue survey number stones) and also has the survey number wise description in the notification, both will be used. However, keeping the possible errors in magnetic bearings and distance measurements in sloppy areas, magnetic declination over efflux of time, the bigger polygons of forest blocks are more prone to positional errors. Here, the Revenue land survey numbers are divided into parcels with Approximately 30 Acres as upper limit of each parcel with FMB/ Tippon. Hence, the priority will be given to revenue survey records duly ensuring the shape from the bearings/ chainage FMBs. Here the error of sloppy measurements is less in revenue records as the parcel size is less. In all cases the old intact pillars are taken as control points and used in judging and finalizing. High-resolution satellite images is also used to draw conclusions. Sometimes, the DGNSS observations of the available features are to be collected to plot and draw conclusions.
3. Where only Magnetic Bearings and Chainages are available, with starting point linked to revenue survey number stone, there, all the preliminary work will be done. Plotting, superimposing, drawing error corrections are carried out and field inspection is made with the projected points from the available data. Here the available pillars geo locations are used as controls to adjust the missing boundary. However, in case of finalizing the missing boundary, due consideration of possible errors in measurements at the time of initial survey are to be borne in mind as the error in bearing, error in distance, magnetic declination all in combinations form a complex error. We also have the Magnetic declination charts prepared by Survey of India, which are helpful to adjustment of declination. Sometimes, the DGNSS observations of the available features are to be collected to plot and draw conclusions.
4. Where ever natural features are involved in describing forest boundary such as nalas, cart tracks, rivers the same are ensured how the situation was at the time of notifications.
5. The joint inspection with all the concerned details will be made and after the final boundary agreed upon by the Forest and Revenue departments assisted by the Survey and settlements department, the same is marked if not already marked or missing. The provisions of joint inspection and committees at Mandal (Block), District, State level. Then the accurate DGPS/DGNSS observations are made as per the specifications to achieve 20cm accuracy.

Institutional Set-up for Joint verification (Forest and Revenue department)

Forest Division (DFO)	Revenue Administration (Collector)
<ul style="list-style-type: none"> • Collect and provide all data on Notified forest boundary • Formation of Range, Division & District Joint verification committees • Deployment of dedicated personnel (including engagement of RO/ FR/ FG) • Obtain Forest Rights Act (FRA) details from CM / District Collector office • Joint verification of Notified forest boundary • Resolve boundary ambiguities with revenue • Boundary finalisation & Pillar fixing • DGPS-survey/ geo-referencing of demarcations • Re-notification Proposals 	<ul style="list-style-type: none"> • Facilitate provision of missing notifications through Settlement Officer • Facilitate provision of FRA land details through Information Technology Development Agency/Tahsil Office. • Appoint SDM/Tahsildar as Forest Settlement Officer • Deployment of dedicated personnel (including engagement of RV Amins) • Settle pending mutations • Confirm revenue village boundaries (RV Tahsildar) • Conduct periodic review of progress with DFO and remove bottlenecks

**Standard Operating Procedure (SOP) for Demarcation,
Survey and Geo-referencing of Forest Boundary using
DGPS (Where no Cadastral Map available)**



**FOREST SURVEY OF INDIA
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE
GOVERNMENT OF INDIA**

Background:

The Hon'ble Supreme Court of India's Order passed on the 6th July 2011, in (IA Nos. 1868, 2091, 2225-2227, 2380, 2565 and 2937) in WP (C) number 202 of 1995 – the Lafarge matter, it has been directed that all types of forest land be identified and geo-referenced and district forest maps be prepared. In the background of the order, an Empowered Committee has been constituted by MoEF&CC in 2019. The committee has two specific mandates, namely:

- i. to monitor the progress of field identification and geo-referencing of forest land as per the directive of the Supreme Court, and
- ii. to resolve the discrepancy between notified forest area and geo-referenced forest area.

This will eventually feed into National Framework for preparation of Geo-referenced maps of all the forests of the country. This Standard operating procedure (SOP) is being made for adoption of similar and detail oriented technical procedure for the State Forest Departments of all States in country.

The draft SOPs have been prepared by FSI by taking up a pilot study in Chalkudy Forest Division in Kerala through a firm M's Cyberswift Pvt. Ltd. and taking inputs from the SOPs developed by the States of Odisha, Maharashtra, West Bengal, Uttar Pradesh, Maharashtra & Karnataka and inputs from the States of Uttar Pradesh, Telangana, West Bengal, Maharashtra, Himachal Pradesh, Jharkhand, Karnataka, Maharashtra & Rajasthan.

Technological requirements for identification and geo-referencing of the forest lands**i. Geographic Information Systems (GIS)**

- To overlay maps & analyze boundary areas
- Reconciliation of forest land boundaries

ii. Remote Sensing (RS)

- For generation of orthorectified satellite image by using GCPs.
- Georeferencing of forest/revenue/any other maps by using ortho-rectified satellite data and GCPs
- Integrate other map data (cadastral, SOI, etc.) & infer forest areas

iii. Differential GPS (DGPS)

- To establish Primary Control points (PCP) & Secondary Control points (SCP)
- DGPS observations at Existing Pillar Locations
- To precisely locate the missing boundary pillar points
- To record precise coordinates of field demarcations (geo-referencing)

Limitations of available forest maps and land records across State/UT forest departments are:

- In the initial stage notifications are prepared based on physical features, which are generally vague & have changed over a period of time.
- Generally physical features are not sharply defined.
- Forest Land and Revenue Land (Govt. /Pvt) Boundary disputes: Settlements have not been done.
- Errors in the notifications of forest blocks: Imprecise boundary description, part to whole survey using old survey method (chain-compass/ theodolite) so area are roughly estimates (graph sheet/ planimeter), Small scale maps (1mm=50m), etc.
- Boundary pillars either do not exist or have been displaced.
- Green wash areas in SOI toposheets are neither accurate nor have any legal validity.
- Northeastern States: unclassified forests, no cadastral maps, no demarcations, few sketch maps.
- Many states do not have proper boundary records (notifications, de-notifications, maps, Settlements & diversions, before & after 1980).
- Area discrepancy in existing records / sources (Notified area, traverse map area, SOI map area, Working Plan area, etc.)
- Many Notified Forests do not indicate revenue survey numbers within Forest Blocks.
- Location and extents of FRA settlements.
- Lack of modern survey facility and trained field staff in the State Forest Departments.

1. Objective and Scope of the Work for the study:

- i. Identify and demarcate forest boundaries as per the SFD records by DGPS survey and carry out documentation of forests records including clear marking of forests boundaries and prepare Geo-referenced maps including forests boundary pillars.
 - ii. Collect necessary documents from Forest Department and other concerned Departments of the pilot forest districts such as Register of Notified Area/ Pillar Register Forest Block Maps, cadastral maps etc.
 - iii. Set-up Ground Control points framework (w.r.t. SOI Benchmark)
 - iv. Establish Primary Control Points (PCP) and minimum observation time to PCP shall be 12 hours from nearest SOI Benchmark points.
- Alternatively, the static observation with a multi/ dual frequency receivers in carrier mode for 72 hours observation is also accepted.

- v. Establish Secondary Control Points (SCP) and minimum observation time to establish secondary points in 4 hours.
- vi. Collection of GCPs (For Cadastral/Revenue Map, Stock/Forest Block Map and HRSI geo-referencing)
- vii. Collect Geo Coordinates of forest Boundary pillars using DGPs (Minimum 15 minutes observation)
- viii. Geo-referencing of village/Revenue maps, Forest Block map/Stock Map/WP Map with reference to high-resolution Ortho-rectified satellite imagery (By using GCP).
- ix. Prepare and supply geo-reference maps of the recorded forest areas (RFA) at the cadastral scale prevalent in the respective State which should be reconciled with the maps of the Revenue Department of the State and provide all the readings and photographs of the notified forest lands marked by boundary pillars as evidence in GIS usable format in Geographic coordinate system-WGS 84 datum of the respective zone
- x. Integral overlay Revenue cadastral- inter correct forest boundary and locate the missing Boundary pillars.
- xi. Establish geo coordinates of the missing boundary pillars in initial stage peg marking with wooden stick after joint verification is done the responsibility of erecting the boundary pillars where they are missing will be with the concerned SFD.
- xii. The survey shall be performed using DGPS in real time or post processed mode.
- xiii. Quality check of DGPS data by Concern Forest Geomatics center.
- xiv. Simultaneous Joint verification of such located pillar positions by the officials of Revenue and Forest Department and confirmation of pillar position. A minute of the process of joint verification for each forest block shall be drawn up with signature of all participating officials.
- xv. Prepare Maps and Draft notification with boundary coordinates and boundary description (Area statement, Type of Forest land, Compartment no etc.)

2. Approach and Methodology

2.1 Approach:

- i. Confirmation of field demarcations by Forest – Revenue joint verification committee.
 - Field Level Committee (FLC) in each Range with Range Officer, Revenue Inspector.
 - Division Working Committee (DWC) – ACF/SDO, Tahsildar.
 - District Level Forest Coordination Committee (DLFCC) – DFO, ADM, Settlement Officer, Tahsildar.
- ii. DGPS survey of confirmed Boundary Pillars will be conducted by Field level committee.
- iii. The Resolution recognizes need of Technical Partners (professional technical agencies) to dedicatedly devote their time & resources in completion of the One-time exercise.

2.1.1 Approach to geo-referencing of Forest Lands:

Types of forest land	Approach to geo-referencing
Notified forests (RF/ PF/ DPF/DA/ ...)	<ul style="list-style-type: none"> • Field verification and demarcation jointly by Revenue-Forest authorities. • DGPS survey of demarcated boundary.
Recorded forests (as per Revenue/ DLO records)	<ul style="list-style-type: none"> • Geo-referencing of revenue cadaster using satellite image and plot boundary digitisation. • Linking of revenue forest records. • Extraction of geo-referenced revenue forest boundary.
Deemed forests (un-surveyed/ undressed forests)	<ul style="list-style-type: none"> • Mapping of forest cover beyond revenue & notified areas using geo-referenced satellite image. • Field verification, DGPS survey. • Geo-referenced boundary records preparation.

2.1.2 Identification and Demarcation of Forest Boundary w.r.t. Revenue Boundary:

If cadastral map is not available then the following procedure will be follow:

- i. Integrate SOI map, FSI forest cover map on Geo-referencing base in GIS
- ii. Interpret Forest boundary (extract co-ordinates in GIS)
- iii. Locate coordinates on field jointly with revenue officials using sub-centimeter precision DGPS
- iv. Demarcate with Boundary Pillars

2.1.3 Categorization of Forest Blocks:

(As recommended by Empowered Committee of MOEF&CC on geo-referencing of forest Lands (minutes of the 2nd meeting held on 07.08.2019) Revenue-Forest reconciliation. DFO to accept & approve for Geo-referencing of delineated boundary)

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1	NFA + CMA broadly matching in size, location and shape (say < 5% deviation)	<ol style="list-style-type: none"> i. Forest boundary demarcations (pillars) in conformity with CMA and HRSI, if required, (with need based shifting) is to be considered for DGPS survey. ii. Re-notification as per DGPS survey with a remark that 'Change in area is due to method of survey and area computation'
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4	CMA boundary approximately/ partially matching with Forest Boundary description and NFA less than CMA, though some peripheral villages have been settled after 1980	<ol style="list-style-type: none"> i. Forest boundary demarcations (pillars) in conformity with CMA boundary and HSRJ (with need based shifting) is to be considered for DGPS survey. ii. Conversions and diversion of forest land, if any, have to be considered while geo-referencing if they effect the part of the forest boundary. iii. Re-notification as per DGPS survey with remarks that <ul style="list-style-type: none"> • Change in area may be due to projection system and survey techniques. • Impact of village settlement after 1980 if have effected the boundary (give details).
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6	In other cases, including the cases where digitized land records are not available.	DGPS survey of forest boundary (pillars and inferred pillar positions) and HSRJ. Re-notification as per DGPS survey with remarks that reconciliation with revenue land records could not be done due to their non-availability.
<p>NFA — Notified Forest Area. CMA — Cadastral Map Area — forest boundary as derived from mosaic of village cadastral maps (revenue Department) comprising gaps and/or forest parcel numbers. Map Sources: Management Maps — Working Plan Maps /State FD - GIS Georeferenced Cadastral Maps — under DILRMP (Digital India Land Records Modernization Project)</p>		

Draft Standard Operating Procedures (SOPs) for Demarcation, Survey and Geo-referencing of Forest Boundary using DGPS

2.2. Data Requirement

- Collect all available records of the concerned Forest Division from the forest department and other concerned departments of the State such as the revenue/department.
- Notification copy, Notified Area Register, Pillar register, Traverse maps, Boundary descriptions
- Working Plan maps/Stock Map/Forest Block Map, SOI DSM maps, FSI Forest Cover maps
- High Resolution Satellite Images (Cartosat-2, LISS-4, World View -2 & other) from NRSC in consultation with FSI
- Ground Control Points/ Benchmarks (nearby SOI GCP/BMs)
- DGPS instruments

2.3. DGPS Survey

- Set-up a network of Ground Control Points framework comprising of PCPs & SCPs in the area of DGPS survey (w.r.t. SOI Benchmark).
- A network of Primary Control Points (PCP) shall be established to cover the area DGPS survey. Such PCP shall be located within a 30 km, approximately equilateral triangular grid and in established premises such as Division Office to the extent possible. Establish Primary Control Points (PCP) and minimum observation time to PCP shall be 12 hours from nearest SOI Benchmark points.

If the base station is not linked to Survey of India GCP but established independently as per specifications (minimum observation time shall be 72 hours using Dual/Multi frequency receivers). The location details of such Base Station Point (BSP) including the Geo coordinates are to be entered in Base Station Point Register of the Range by opening a new Base Station Point Register in the format prescribed.
- A network of Secondary control Points (SCP) shall be established near the forest boundary to be surveyed, preferably on certified pillar positions, at an interval of 5 km of crow-fly distance, subject to a minimum of 3 such points per forest block.
- To establish an SCP the minimum observation time should be at least four hours to get best possible location.
- After the establishment of PCPs & SCPs the DGPS survey can be started by setting up the Base Station (Base DGPS receiver) at the nearest SCP.
- Field data collection by using the Rover DGPS receiver may be started by making observations at Existing Pillar Locations. Minimum observation period of the rover DGPS at a pillar should be of at least 10 minutes.
- Simultaneous Collection of Ground Control Points (GCP) may be carried out during the DGPS survey. The GCPs collected at specific locations (Such as any junction, permanent and immovable features on the land) may be used for geo-

referencing of the Stock/Forest Block Map and Ortho-rectify High Resolution Satellite Image (HRSI).

- All new PCPs and SCPs shall be monumented in the following manner.
 - i. A cement concrete block of dimensions 3' x 2' x 2' will be erected with two-third embedded in the soil.
 - ii. Geo-coordinates of the center of the block shall be engraved over the block surface and text painted in black colour.

Establishment of Ground Control Points (Base Station) framework (w.r.t SOI GCPs/Base Station)



2.4. Conditions to the observed for the DGPS survey

- The survey shall be conducted with similar instrument as far as possible.
- DGPS instruments being used for survey must be set up to Geographic Coordinate System - WGS84 Datum only.
- Raw data (for Rover DGPS receiver and Base DGPS receiver) as well as post-processed/real-time differentially corrected DGPS readings along with source file, all error charts and outputs for each location shall be submitted as soon as the work is completed.
- For each location (forest boundary pillar, GCP etc) a unique ID shall be created. All the features shall be recorded in this ID. All the features will be extracted from the data.
- The attributes shall be collected as specified by SFD and shall be linked to the corresponding features.

2.5. Creation of Geo-referenced Spatial database for overlaying of forest boundary polygon collected by DGPS survey

This shall involve:

- Procurement of the satellite image from the NRSC
- Ortho-rectification Satellite imagery by using GCPs for geo-referencing
- This shall be followed by the geo-referencing of working plan maps, stock maps, forest block maps separately by using the GCPs and the Ortho-rectified Satellite images.
- Forest boundary is extracted from the georeferenced working plan maps, stock maps, forest block maps.
- The forest boundary in vector will be superimposed on the Ortho-rectified Satellite image and finalized the boundary.
- The DGPS-surveyed boundary with boundary pillar coordinates of the desired forest area is also superimposed on the above-mentioned georeferenced image. After superimposition of the DGPS polygon, the information of Missing pillars can be ascertained on the map. The SFD then can pinpoint the location of the pillar on the ground.
- After location and fixing of the missing pillars on the ground a final map can be prepared from the forest side. The forest boundaries may not reconcile with the revenue department at several places which will be subject to approval after joint inspection and reconciliation with the Revenue authorities. A final georeferenced map showing forest boundaries can be prepared only after reconciliation with the revenue department.

2.6. Joint Verification process by Revenue department and Forest Department

- i. The geo-referenced forest boundary map generated in the lab, with computed coordinates of boundary change points, was loaded into the DGPS Rover and was taken to the field for boundary verification.
- ii. Samples checks were made at existing pillar positions not supposed to have

been disturbed in the past. Doubtful locations where the pillars might have shifted, or with reports of encroachment, were verified with respect to the geo-reference boundary file loaded on to the DGPS Rover.

- iii. Correct pillar locations were peg marked/Shown on ground for forest division to take future corrective actions in collaboration with Revenue Department. In Case of missing boundary pillars in certain portion of the boundary, change point coordinates were computed from the geo-referenced boundary maps. These locations were stacked out in the field using DGPS Rover for its correct positioning on ground.
- iv. The initially a draft boundary map thus prepared was provided to concerned forest division for field verification and validation. The maps were sent to concern Foresters through range officers for sample checking at different pillar positions. Assistance of Revenue officials (Inspectors/Amins) were taken to confirm boundary positions at encroached locations. JFMC (VSS) members/Villagers were also involved for confirmation of forest boundary at certain locations.
- v. The Draft forest block maps with field observation and comments were returned to respective Forest Division Offices. DFO provided their final observation and suggestions based on field verification report after comparison of the map with respect to existing notification (x).
- vi. Re-survey, in presence of Forest official, were carried out wherever necessary. Consultation with revenue official, where needed, was done by forest division official. Final draft maps were prepared based on observation/ comments of DFO and result of re-survey. Boundary description was made in the form of geo-referenced boundary pillar coordinates. The maps and DGPS boundary description, after a final round of verification, were authenticated by the forest division.

2.7. Certified Pillar position & Quality Control by SFD

2.7.1 DGPS Survey of Certified Pillar Positions

DGPS observed coordinates of confirmed pillar positions should be collected in Post Processed Kinematic (PPK) mode with simultaneous reference to a permanent reference station established within a maximum distance of 50 km and one of the PCP or SCP. Must be set-in to Geographic Coordinate System-WGS84 Datum and the observed conform Pillar coordinates certified by concern Divisional Forest Officer.

2.7.2 Quality Control of DGPS Survey

All the job data collected through DGPS device shall be quality checked by Concern Forest Geomatics center by using standard procedure. In case of doubtful data, re-observation shall be undertaken. If necessary, a sample check in the field will be undertaken to assure the accuracy of observed data. After necessary quality checking the data will be available for mapping in GIS platform.

2.8. Computation and Comparison Forest Compartment/Block area and Preparation of map

- Forest block area (corrected) will be computed from management map vector. Such computed area will be compared with the area recorded in the notification. In case of significant deviation in area it shall be the responsibility of the concerned Divisional Forest Officer to reconcile the figure taking into account past forest land alienations/ village settlement records, if any.
- A draft map will be prepared on the basis of DGPS surveyed data along with some basic thematic layers derived from Ortho-satellite images and handed over to the concerned Divisional Forest Officer for a final round of checking at his level. One copy of the draft map will also be submitted to the Tehsildar for exhibition at the Gram Panchayat Office for inviting claims and objections. Hearing and disposal of claims shall be undertaken jointly by the DFO and Tehsildar.
- After going through the process allowing a maximum time of 15 days inviting objections, stated just above, the final version of forest block boundary map will be generated both in soft and hard versions.

2.9. Finalization of Geo-referenced forest boundary map and SOP

- Generation of geo-referenced Forest Boundary Map in Geo PDF as well as Hard Copy with boundary coordinate (DGPS) statement w.r.t. GCP/Benchmark, PCPs & SCPs for final endorsement of Forest & Revenue officials
- Finalization of SOP & operational guideline as per process adopted during finalization of geo-referenced forest boundary map
- Delivery of all softcopy and hardcopy outputs as prescribed by FSI

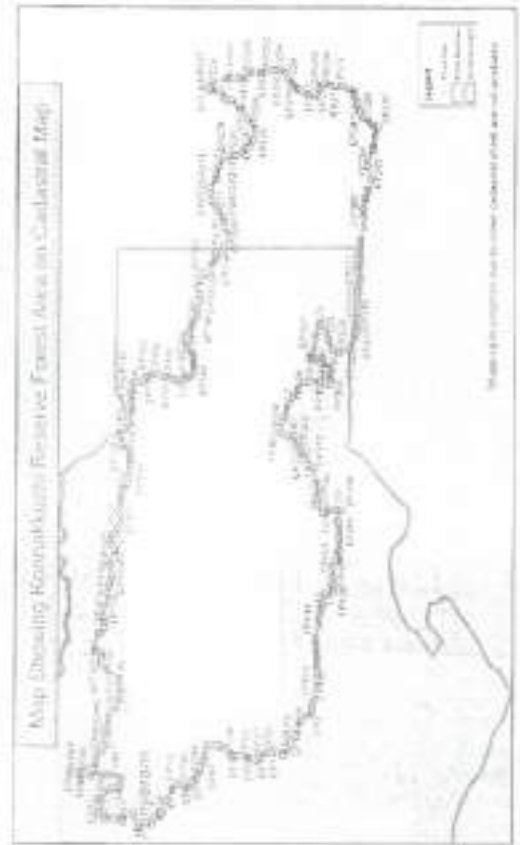
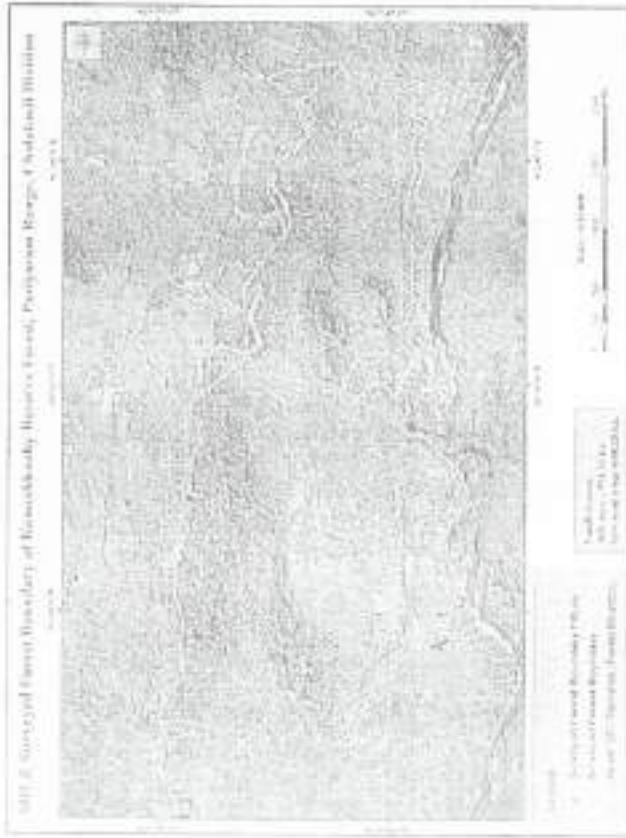
2.10. Preparation of Draft Notification

i. A proposal for re-notification of the Forest Block shall be prepared by the concerned Divisional Forest Officer with the final version of map along with a statement of geo-coordinates of pillar positions and computed area and submitted to higher authorities.

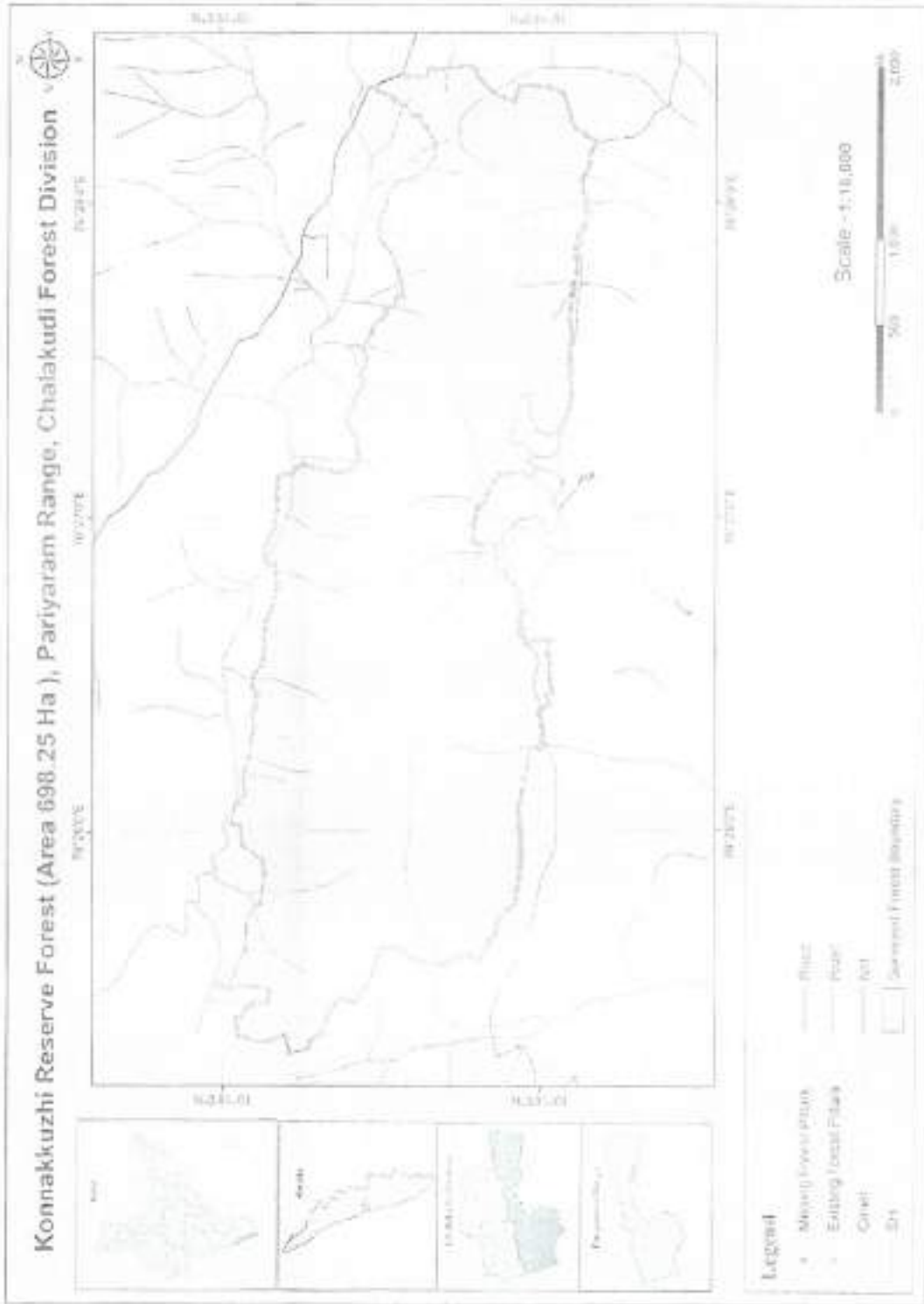
ii. PCCF shall compile division-wise proposals and recommend it to the Government for re-notification.

iii. The soft and hard copy of the re-notified forest block will be made available with the Local Tehsildar and Collector.

Case Studies (Kongakkuzhi Reserve Forest, Pariyaram Range, Chalakkuzhi Forest Division, Kerala)
Forest Block Boundary with respect to SOT Toposheet and Satellite Image



Tentative Final Geo-referenced Map generated in GIS through DGPS surveyed boundary pillars coordinates



Note on Process of resolving boundary disputes in case of discrepancy or dispute with Revenue Department (Telangana State).

1. In case where the Forest Land Records/ Gazettes notified are described in Village wise survey numbers, the field measurement book (FMBs) of the survey numbers with Tri/Bi junction points of the villages are used to establish the boundary as per the description. Sometimes, the Differential Global Navigation Satellite System (DGNSS) observations of the available features are to be collected to plot and draw conclusions.
2. In case of the forest land is described with Magnetic Bearings and Chainages with description of initial point (Generally linked to revenue survey number stones) and also has the survey number wise description in the notification, both will be used. However, keeping the possible errors in magnetic bearings and distance measurements in sloppy areas, magnetic declination over efflux of time, the bigger polygons of forest blocks are more prone to positional errors. Here, the Revenue land survey numbers are divided into parcels with Approximately 30 Acres as upper limit of each parcel with FMB/ Tippon. Hence, the priority will be given to revenue survey records duly ensuring the shape from the bearings/ chainage FMBs. Here the error of sloppy measurements is less in revenue records as the parcel size is less. In all cases the old intact pillars are taken as control points and used in judging and finalizing. High-resolution satellite images is also used to draw conclusions. Sometimes, the DGNSS observations of the available features are to be collected to plot and draw conclusions.
3. Where only Magnetic Bearings and Chainages are available, with starting point linked to revenue survey number stone, there, all the preliminary work will be done. Plotting, superimposing, closing error corrections are carried out and field inspection is made with the projected points from the available data. Here the available pillars geo locations are used as controls to adjust the missing boundary. However, in case of finalizing the missing boundary, due consideration of possible errors in measurements at the time of initial survey are to be borne in mind as the error in bearing, error in distance, magnetic declination all in combinations form a complex error. We also have the Magnetic declination charts prepared by Survey of India, which are helpful to adjustment of declination. Sometimes, the DGNSS observations of the available features are to be collected to plot and draw conclusions.
4. Where ever natural features are involved in describing forest boundary such as nallas, cart tracks, rivers the same are ensured how the situation was at the time of notifications.
5. The joint inspection with all the concerned details will be made and after the final boundary agreed upon by the Forest and Revenue departments assisted by the Survey and settlements department, the same is marked if not already marked or missing. The provisions of joint inspection and committees at Mandal (Block), District, State level. Then the accurate DGPS/DGNSS observations are made as per the specifications to achieve 30cm accuracy.

Institutional Set-up for Joint verification (Forest and Revenue department)

Forest Division (DFO)	Revenue Administration (Collector)
<ul style="list-style-type: none"> • Collect and provide all data on Notified forest boundary • Formation of Range, Division & District Joint verification committees • Deployment of dedicated personnel (including engagement of RO/ FR/ FG) • Obtain Forest Rights Act (FRA) details from DM / District Collector office • Joint verification of Notified forest boundary • Resolve boundary ambiguities with revenue • Boundary finalisation & Pillar fixing • DGPS survey/ geo-referencing of demarcations • Re-notification Proposals 	<ul style="list-style-type: none"> • Facilitate provision of missing notifications through Settlement Officer • Facilitate provision of FRA land details through Information Technology Development Agency/Tehsil Office • Appoint SDM/Tahsildar as Forest Settlement Officer • Deployment of dedicated personnel (including engagement of RI/ Amins) • Settle pending mutations • Confirm revenue village boundaries (RI Tahsildar) • Conduct periodic review of progress with DFO and remove bottlenecks



FOREST HEADQUARTERS, ODISHA
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS & HoFF
ARANYA BIHAWAN, CHANDRASEKHARPUR,
BHUBANESWAR-751023

REQUEST FOR PROPOSAL

FOR

SELECTION OF TECHNICAL PARTNERS TO UNDERTAKE
GEO-REFERENCING OF FOREST LANDS IN ODISHA,
USING
HIGH ACCURACY DGPS SURVEY AND REMOTE SENSING & GIS

973
RFP No. OD/34 Dtd. 21.08.2018

Downloaded from: www.odisha.gov.in/tenders or www.odishaforest.in/tender

Approved by [Signature]
[Signature]
25.08.18

Revised and Submitted: 25th June 2018

[Signature]
25/6/18

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INVITATION TO BID

The Chief Conservator of Forests, IT & GIS, in the O/o PCCF Odisha and HoFF (the Authorized Officer) invites Request for Proposal (RFP) on behalf of the Principal Chief Conservator of Forests (PCCF), Odisha and HoFF, (the Purchaser) from the Eligible Organizations specializing in DGPS survey and GIS mapping of Forest Lands to render technical support to various Forest Divisions and GIS and IT cell of PCCF Odisha for Identification, Geo-Referencing of forest boundaries using DGPS and development of an "Enterprise Class GIS-based Decision Support System" for Forest Lands in the State of Odisha.

The RFP Document may only please be downloaded from the tender section of www.odisha.gov.in/tender or www.odishaforest.in. While submitting the bid, the bidder has to submit a nonrefundable amount Rs. 5000/- (Rupees Five Thousand Only) in shape of bank draft from a Nationalized Bank in favour of Principal Chief Conservator of Forests, Odisha, Bhubaneswar.

SCHEDULE OF EVENTS OF THIS RFP :

S. No	Information	Dates and Details
1.	Hosting of the document on the Notice Board / Website / Newspapers	30.08.2018
2	Address for Submission of Bid	Chief Conservator of Forests (IT & GIS), FITGC, O/o PCCF, Odisha, Aranya Bhawan, Chandrasekharpur, Bhubaneswar, Odisha, Pin-751023.
3	Cost of RFP (Non-refundable)	Rs.5000/- in form of DD /from-any nationalized Bank in favour of PCCF, Odisha, Bhubaneswar.
4	Earnest Money Deposit (EMD)	EMD, only in the form of a Bank Draft, from a Bhubaneswar Branch of any Nationalized Bank, for Rs. 3,00,000/- (Rs. Three Lakhs) for each CDI, TP Bid and Rs. 5,00,000/- (Rs. Five Lakhs and Fifty Thousand) for SLTP Bidders, in favour of PCCF, Odisha, Bhubaneswar, valid for 180 days from the date of opening of the technical bid.
5	Last date of receipt of Pre-Bid Queries.	By 17.00 Hours, on 07.09.2018.
6	Date of Pre-Bid Meeting	At 11.00 Hours, on 11.09.2018, in the O/o PCCF Odisha.
7	Issue of Consolidated and Relevant Clarifications on the received Pre-Bid Queries.	By 14.09.2018, in the Website of PCCF Odisha (www.odishaforest.in) and Tender Section of Odisha Government's website (www.odisha.gov.in/tender).
8	Last date of receipt of Bids.	By 17.00 Hours, on 25.09.2018.
9	Opening of General Bids	Starting from 11.00 AM of 26 th to 29 th September 2018.
10	Opening Technical Bids	
11	Date of Presentation	From 9 th -12 th October 2018, and it will be duly intimated to Technically Qualified Bidders.
12	Opening of Financial Bids and Declaration of Bidding Results.	To be duly intimated, after Presentations.

GLOSSARY OF TERMS

ADM	Additional District Magistrate
AOI	Area of Interest
DFO	Divisional Forest Officer
DGPS	Differential Global Positioning System
DLFCC	District Level Forest Coordination Committee
FRJVC	Forest Revenue Joint Verification Committee
GNSS	Global Navigation Satellite System
NAVSTAR	Navigation Satellite and Ranging: The GPS Satellite System
GLONASS	<i>Globalnaya Navigatsionnaya Sputnikovaya Sistema (Russian)</i>
GPS	Global Positioning System of US
SBAS	Satellite Based Augmented System for GPS / GNSS
GAGAN	GPS Aided GEO Augmented Navigation
RTK	Real Time Kinematic
MSL	Mean Sea Level
HAE	Height Above Ellipsoid
GIS	Geographic Information System
WMS	Web Map Services
WMTS	Web Map Tile Services
OGC	Open Geospatial Consortium
GPS-PDA	Personal Digital Assistant
OFD	Odisha Forest Department
OSM	Open Series Maps of Survey of India
PCCF	Principal Chief Conservator of Forests
RCCF	Regional Chief Conservator of Forest
SO	Settlement Officer
SRS	Satellite Remote Sensing
HRSI	High Resolution Satellite Imagery
SOI	Survey of India
WL	Wildlife
FCA	Forest Conservation Act
SFR	State of Forests Report
FD	Forest Department

FRH	Forest Rest House
NRSC	National Remote Sensing Centre
SCST	Scheduled Caste & Scheduled Tribe
DSWO	District Social Welfare Officer
CMV	Cadastral Map Vector
MMV	Management Map Vector
FC Act	Forest Conservation Act
FRA	Forest Right Act

CHAPTER - 1

Introduction & Background Information

Forests are important for sustainability of life on earth. There has been significant pressure on the forests to meet the demand of development projects. Implementation of forest management principles with adequate geo-spatial information backed decisions can facilitate sustainable forest growth while maintaining the human needs. It is necessary to identify and define the precise forest resource jurisdiction to facilitate protection and conservation of forest resources. Development of geo-referenced forest resource information repository as per the guidelines specified under the National Map Policy (NMP) and the directives by the Hon'ble Supreme Court of India shall facilitate location aware decision making through geo-spatial cross-referencing of forest boundary with available statutory map/ data sources such as Survey of India Topographic Maps, Forest Cover Maps from FSI as well as High Resolution Satellite Imagery. The geo-referenced forest land repository shall assist in understanding the Forest Boundary configurations, change detections and management in the process of spatially aware accurate decision support.

Three Fundamental Questions of Forest Land resource management under the current scenario: A. "Where" are our Forest Lands, B. "How much" Forest Lands we have, C. "What are the Status and Quality" of the Forest Lands, will be efficiently addressed, to aid decision support in Forest Management.

The State of Odisha has about one-third of its land area i.e. about 58 thousand square kilometers of land area covered under recorded forest lands. Primarily these forest lands are under the jurisdiction of Forest and Revenue Departments. Notified forests of about 28 thousand Sq Km are managed by Forest Departments of Odisha under 8 Forest Circles and 50 Territorial and Wildlife Forest Divisions. Rest of the forest land is under the jurisdiction of Revenue department. But when any category of Forest land i.e. whether it is under Forest or Revenue is used for developmental activities, forest department discharges the nodal role of managing the Diverted Forest land and land compensated for these diverted forest lands. The forested areas in Odisha are laden with mineral resources and inhabited by many types of Tribes at many locations and Large tracts of forest lands are also allotted to Tribals under Right Act. So, at present there is a pressing need to correctly Map, Document and Manage our Forest land resources for Development and Conservation using modern technologies at our disposal.

The existing forest land record system in the state are in the form of old paper-based notifications with boundary descriptions defined in approximate terms along with supporting map on Survey of India Topographic Maps prepared through the chain and compass method.

Hon'ble Supreme Court in their order dated 6-July-2011 (in IA Nos 1868, 2091, 225-2227, 2380, 2568 and 2937 in writ petition (C) no 202 of 1995 – Lafarge matter) has directed for:

- A. Creation and regular updating of GIS based decision support database, tentatively containing inter-alia the district-wise details of the location and boundary of each plot of land that may be defined as forest for the purpose of the FCA 1980, the core buffer an eco-sensitive zone of the protected areas constituted as per the provisions of the Wildlife (Protection) Act, 1972 the important migratory corridors for wildlife; the forest land diverted for non-forest purpose in the past in the district. The SOI toposheets in digital format, the forest cover maps prepared by FSI in preparation of successive SFRs and the conditions stipulated in the approvals accorded under the FCA for each case of diversion of forest land in decision support database.
- B. Completion of exercise undertaken by State/UT in compliance of The Court's order dated 12.12.1996 for identification of areas which are 'forests' irrespective of whether they are so notified, recognized or classified under any law, and irrespective of the land of 'forests' and the areas which were earlier 'forests' but stand degraded, denuded and cleared, culminating in preparation of Geo-reference district forest-maps containing the details of the location and boundary of each plot of land that may be defined as 'forest' for the purpose of FCA 1980.

Government of Odisha in Forest and Environment Department is the pioneer in our country to passed a Resolution on Standard Operating Procedure (SOP) for Geo-referencing of Forest Block Boundary through DGPS survey vide no 22572400112016 10F (Cons) 77/2016 / 14097/F&E dated 04-07-2017. A copy of the Resolution indicating the SOP for geo-referencing of forest boundary may be referred at [Annexure – J](#).

Commensurate with the Supreme Court Directive and based on the Resolution (SOP) passed by Government of Odisha, it is proposed to undertake the following activities:

1. Identification, demarcation and geo-referencing of forest land boundaries
2. Development of GIS based decision support system depicting details and locations of forest land

As mentioned in the Resolution /SOP, these activities shall be undertaken associating competent Technical Partners at Forest Division (Field) level and at Headquarters level for timely execution and implementation of the program.

CHAPTER - 2

Broad Scope of Works for Technology Partners

The following broad tasks shall be undertaken by the chosen Technology Partners:

1. All necessary works and deliverables as defined in the SOP Resolution of the Forest and Environment Department, Government of Odisha, inter alia with other necessary requirements. (Resolution No 22572400112016 10F (Cbits) 77/2016 /14097 /F & E dated 04.07.17)
2. Geo-Referencing of Forest Lands in Odisha, using High Accuracy DGPS Survey, Remote Sensing and Modern GIS Technologies.
3. Collection of all types of data, maps and documents relating to forest land records. Such land should include all types of notified forests (RF, PRF, PF, VF), revenue forests (as per cadastral RoR), Sabik forests (Recorded as forest as of 1980, but not being shown as forest in post 1980 settlements), Deemed Forest (Recorded as Non-Forest but containing Forest Growth as per Dictionary meaning of Forest), DLC forest, Forest land diverted for non-forest purpose and Forest land settled under Forest Right Act.
4. Collection and interpretation of high resolution satellite imagery, SOI maps to identify and map areas deemed to be forests but not-recorded as forest.
5. GIS-based analysis of forest land boundaries captured from different sources and their confirmation with respect to notifications.
6. Joint field verification of forest land boundaries (pillar positions) confirmed through GIS analysis by Forest and Revenue officials.
7. Identification, Demarcation and Monumentations of all the pillars and change points of Forest Block Boundaries, which are Notified under Odisha Forest Act-1972 and Patches settled in favour of Tribals and other Traditional Forest Dwellers under Indian Forest Right Act & Rule; with Sub-meter Accuracy DGPS Survey, deploying RTK enabled or GBAS / GAGAN SBAS supported dual frequency high sensitivity GNSS / GPS Receiver cum Rover, as per the requirements of FD Odisha; and preparation of the required Geo-referenced maps both in paper printed and Web-Map publishing format in Appropriate Scales of variations.
8. Preparation of Georeferenced Forest land Boundary of Revenue Forest and Deemed Forest lands as per HAL, Sabik and DLC Records with respect to FC Act-1980 & Hon'ble SC's

Rolling; by extracting from the Geo-Ref cadastral maps prepared under NLRMP (National Land Records Modernization Program) using HRSI and GIS.

9. Recording the RTK Enabled and differentially corrected DGNSS readings, in RAW and RINEX Format using the Dual Frequency DGPS Receiver cum Rovers (along with source file, all error charts and outputs), at each Boundary Pillar along the boundary of the surveyed polygon. The recorded value should have minimum 8 decimal places in degrees for Latitude and Longitude, including height above MSL and HAE in cm and the area and perimeter of the surveyed polygon in Km² and Km respectively.

In data collector, the folder of the DGPS Readings of the surveyed pillars of the polygon, is fully encrypted and are not accessible to anyone for editing of any part of the DGPS Surveyed data. In exceptional situations, a wrongly surveyed pillar data can only be fully deleted from the folder with all its connected files. No external files can be copied on to this folder and DGPS readings files natively generated by the DGPS System and captured by the data collector App, can only be added. These readings will be directly transmitted from the mobile data collector to the GIS Server of FTIGC without any desktop interface, to avoid manipulation of DGPS Data on the Desktop. Data transmission to server will take place using an Encryption enabled Data Collector App in the Mobile data collector, and the data transmission is only over the air (Mobile Internet or Broadband Wi-Fi).

10. GIS mapping of other topographic features referring to satellite image, topo sheets and preparation of Notified forest boundary maps with DGPS boundary coordinates and Generation of DEM.
11. Incorporation of all types of forest land (surveyed boundary of notified forests, geo-referenced boundaries of revenue forest/ Sabik forest/ DLC forest/ Diverted forest land/ FRA plots) in GIS.
12. Preparation of re-notification proposals for scrutiny and notification of geo-referenced forest land boundaries by Govt. of Odisha.
13. To Sanitize, Collate, Homogenize, Quality Checking and Certify the Technical Authenticity of all DGPS Surveyed and Georeferenced Data of all forest lands of all forest blocks at the state level on a common "OGC Compliant" Open Sourced based Geodatabase Platform.
14. Design Creation and Maintenance of an Enterprise Class, High-Performance and Open Sourced based Web GIS and Mobile Enabled Decision Support System (DSS), of the Georeferenced Forest lands of Odisha, for all categories of stake holders.

15. Providing Technical Support, Inter-departmental coordination support to all Forest Circles and Divisions in executing this project.
16. Conducting Capacity Building and Training at Division and Circle Level to Undertake this work and subsequent full usage of DSS for Forest Conservation and Forestry Monitoring.
17. Any other necessary requirements which is not mentioned in this RFP but may arise in the course of executing this work of Georeferencing the Forest Lands of Odisha to create an Enterprise Class Web GIS Based DSS for Forest Lands in Odisha.

CHAPTER - 3

Approach

At present, there are 50 Forest and Wild life Divisions in Odisha having nearly 300 Forest ranges. All forest divisions have internet connectivity and are networked with the Forest Headquarters at Bhubaneswar. The divisions are equipped with Workstations and GPS-PDA devices and access to the Web GIS of Forest IT and Geomatics Centre (FITGC) situated in Forest Hqrs, Aranya Bhawan, Bhubaneswar, for uploading and accessing the Forestry Work information under a GIS Environment. The frontline staffs have been trained in use of GPS-PDAs and Mobile Devices loaded with various Forestry Applications, including a low accuracy Forest Survey Application. Each range has been provided with 4 GPS-PDA devices, supplemented with registered Android devices loaded with matching forestry applications as of GPS-PDAs. These are capable of navigation, low accuracy mapping and field forestry data collection. At present nearly more than 4000 functional Mobile GPS Devices used for forestry data collections including forest surveys are connected to the GIS Server Stacks of Forest Headquarters.

Similarly, the FITGC in office of the PCCF, Odisha has a Compact and Modern Geo-Spatial Data Management facility with dedicated Physical Servers, Cloud Servers, Networking Switches, SAN, NAS, High Performance Work Stations, GIS software, application software, back-up devices, security devices, dedicated leased line, etc. The entire set up of "GIS as a Service" runs on Open source technologies and architecture and this feature shall be fully conserved for all future GIS projects.

The FITGC has successfully implemented a wide range of GPS-PDA and mobile GPS Applications for location-based data collection from field, and the frontline staffs of the Odisha Forest Department have been fully trained in using the device and applications. These facilities and resources with necessary scale ups, shall be utilized as Central Support Infrastructure for the current program implementation. The IT infrastructures of FITGC (Computing, Networking, Storage and Technical Manpower) shall be enhanced as per the current necessity.

The task of identification and geo-referencing of forest boundary involves a range of interdisciplinary activities in multiple domains of Forestry, GPS/DGPS Survey, GIS mapping, Remote Sensing, GIS-based analysis and processing and delivery of these data to the field clients on a secured Web GIS platform. The task warrants high-level of understanding IT and GIS, work experiences and performance requirements on the respective domains and close coordination

between Forest Divisions, District Administration, Revenue authorities and FITGC of O/o PCCF, Odisha. Further, the assignment involves large mobilization of infrastructure (DGPS equipment, dedicated GIS lab), experienced professionals to handle the geo-spatial data integration, satellite image interpretation, GIS analysis, DGPS surveys, GIS mapping, quality checks, validation and necessary field and lab training for utilization of the project deliverables.

As mentioned in the Government Resolution (dated 4-July-2017), these tasks shall be executed, supervised and monitored by Experienced and Competent Technical Partners who shall work closely with the Forest Circles / Divisions and FITGC in the office of the Principal Chief Conservator of Forests (PCCF).

Technical Partners associated at Circle/Division & State levels shall undertake the envisaged activities in different Forest Divisions as well as Centrally at State level. There shall be multiple nos of Circle and Division Level Technical Partners (CDLTPs) working in various Circles assisting corresponding Forest Divisions to carry out DGPS survey of the Forest Land. There shall be one (1) State Level Technical Partner (SLTP), who in addition to carrying out activities of the CDLTP, shall also assist the FITGC/ Office of the PCCF, Odisha for setting up and operationalization of the GIS based DSS.

The activities of field data collection, revenue-forest joint verification, control network establishment, DGPS survey, thematic mapping, etc. shall be carried out through competent Circle and Division Level Technical Partners (CDLTPs) having good experience in DGPS based forest land surveys.

In addition to the activities to be carried out as a CDLTP (for one Circle), a State Level Technical Partner (SLTP) shall undertake the development of GIS based DSS by integration of several authenticate secondary source information (both spatial and non-spatial) data standardization, validation, ORSAC coordination, QC, Geo-DB referencing and web-hosting centrally at FITGC/Aranya Bhawan or any appropriate location approved by PCCF, Odisha.

Implementation Schedule, Manpower Requirements and Milestones / Target

1. As proposed in the Government Resolution, the task is to be completed in 4 years. A tentative target for identification, demarcation and geo-referencing of forest land boundaries is placed at Annexure -2.

2. The Technology Partners should deploy Adequate Manpower in the circles to complete the work within 4 years.

It is to be noted that, the list in Annexure-2, is subject to modification based on priority at any point over the time of execution and implementation.

3. Every Year minimum 25 % of Field Survey and georeferencing load is to be achieved.
4. As thumb rule the CDLTP should deploy minimum one field survey group at each range and one RS & GIS Group at division office, for collection, compilation, study of the documents and georeferencing of revenue & deeded forest land using cadastral NLRMP Records, available maps with the Forest division and IIRS).
5. Similarly, as a thumb rule, SLTP should have 10-12 supervisory groups at field levels to supervise and streamline the works of CDLTPs in all circles and one group at FITGC / State Level for data check, analysis, integration and inter departmental coordination.

CHAPTER-4

Details of Scope of Work for Technical Partners , Institutional Supports and Deliverables

Primarily the nature of the assignments for the chosen technical partners requires a thorough understanding of procedures and practice of Field Survey, Demarcation, Monumentation and Mapping of various category of Forest Lands in Odisha under the jurisdiction of Forest and Revenue Department. The assignment also warrants the proven and time tested technical expertise and experience of the Technical Partners in Modern Methods in GNSS and GIS based Precision Survey, preparation of map using Remote Sensing technologies in forestry domain to be delivered in a time-bound manner.

The scope of the assignment involves use of modern technologies and scientific methods for accurate delineation of forest boundary pillars (change points) through high precision survey using DGPS device, preparation of forest area maps using Remote Sensing and GIS Technologies and creation and maintenance of an Intelligent and Enterprise Class "Forest Land Information System" available on Web GIS Platform for all stake holders. Utilization of these technologies warrants appropriate technological knowhow, proven expertise and valid experience in using these technologies for Forest Survey and Mapping.

The selected technical partners must have the capacity, capability and proven experience in successful execution of similar nature of work, i.e., geo-referencing of forest land boundary through DGPS survey and development of GIS based Decision Support System for Forest Land Management and deliver the assignment in a time bound manner. Familiarity in working in Odisha context is also a basic and preferred requirement.

Technical competence of the technical partners shall be of paramount importance, while choosing the technical partners; as the data and output generated by the assignment under this RFP will be utilized in critical decision making, involving the utilization and management of forest land resource in Odisha. The generated data of the Forest Land management System must withstand the test of Forest and Land Revenue laws, other allied laws and possible litigations in various courts dealing with forest land, forestry and wildlife management. It must be clearly noted that Assignments in this RFP is a result of the direction of Hon'ble Supreme Court of India and there is zero margin of tolerance to substandard quality or patchy work. Highest quality and technical competence is must while taking up this work. The technical partners shall give an undertaking that they have understood the spirit and essence of the Hon'ble Supreme Court's Judgement on Georeferencing of Forest lands in India.

To ensure technical competence while choosing the Technical Partners, all the Bids in this RFP shall be evaluated under a QCBS process assigning 70% weightage to the Proven Technical Competence and 30 % weightage to Financial Quotes.

All necessary works and deliverables by the Technical Partners will conform to SOP Resolution of the Forest and Environment Department, Government of Odisha, inter alia with other necessary requirements. (Resolution No.225724001/2016-10F (Cons) 77/2016 /14097 /F & E dated 04.07.17)

To undertake these task, there will be two kinds of Technological Partners, one at "Circle and Division Level" and other at "State Level" in Forest Hqs; as described below.

The Forest Circle and Division Level Technical Partner (CDLTP) shall be responsible for providing technical support at the Circle / Division Level and the State Level Technical Partner (SLTP) shall function as service aggregator for all the Forest Divisions and shall provide technical support to one Circle (as CDLTP) and the office of the PCCF/ FTIGC in smooth implementation of the program.

The selected Technical Partners (CDLTPs & SLTP) must have prior experience in execution of similar type of Forest Land DGPS Survey, development of Remote Sensing and GIS based Forest Land Management Systems, operation support to forest departments, etc. Prior experience of the Technical Partner in Odisha Forest and familiarity with the local language shall be an added advantage as the Technical Partners shall have to work closely with the forest/ revenue officials at the field level.

The works involved in the assignment are broadly categorized into categories, which are to be entrusted to One SLTP and multiple numbers of CDLTPs to get the work done in a competitive and workload sharing environment.

The CDLTPs shall be broadly responsible for extending technical support to the assigned Circle and Forest Divisions in field validation and DGPS survey of Forest boundaries and prepare necessary maps and records as may be required for re-notification of the forest blocks. A CDLTP will be responsible to survey the all the forest lands of the divisions coming under a circle.

The SLTP shall extend technical support to the FTIGC, O/o PCCF, Odisha in establishment and operation of a dedicated forest geo-spatial data management facility, for preparation of an uniform data collection specifications and framework for all CDLTPs in consultation with FD

Odisha, FITGC and ORSAC, fully mechanized quality control (QC) of data provided by all the CDLTPs, coordinating with ORSAC, Satellite Image Processing, capacity building and training of Forest officials/ CDLTPs, GIS integration of data provided by CDLTPs (Surveyed boundaries, SOI map, Working Plan maps, Satellite images, geo-referenced cadastral maps, Sabhi/ DLC plots, FRA plots, Diverted forest land, etc.), development of the Web GIS based Decision Support System for Forest Land Management, operation and maintenance of the DSS by deputing dedicated resources at FITGC and Circle Offices.

4.1 ROLE AND RESPONSIBILITIES of CDLTPs and SLTP

4.1.1. Responsibilities of CDLTP

1. An Office registered in Odisha
2. Engagement of Competent Professionals as per the requirements of the project.
3. Temporary office premises within the office premise of concerned DFOs and the RCCF (Assigned Premise)
4. Collection, study, indexing and safe custody (in assigned premises) of the following copies of the documents from the respective Forest Divisions:
 1. Notified Forest Blocks Registers
 2. Forest Pillar Register
 3. Forest Notification
 4. Forest Block Maps
 5. Working Plan Maps
 6. Diverted Forest land Map
 7. Compensatory Afforestation Maps
 8. Wild Life Corridors Map
 9. Wildlife Management Plan Maps
 10. FRA Lease Documents / Patta / RoRs / Maps and the available Geo Coordinates
 11. Any other Required and available documents
5. Collection of Open Series Map (OSM) Topographic Maps covering the respective Forest Divisions from Survey of India
6. Collection of Ground Control Point (GCP) network for the respective Forest Divisions from ORSAC along with boundaries of the respective District, Block and GP for cross-reference
7. Collection of geo-referenced Village Maps linked with RoR from ORSAC

8. Collection of revenue village wise year of settlement from Directorate of Land Records, Cuttack.
9. Collection of Sabik maps and corresponding forest land records (relating to concerned settlement) of villages settled after 1980
10. Collection of DLC (District Level Committee) register from Forest Division
11. Collection of details of land settled under the Forest Rights Act (FRA) from District Welfare Office and Forest Division office (Forest type- Revenue/ RF, Parcel no/Forest Block name, Extent and available Latitude-Longitude coordinates, Name and address of the right holder with photograph/s)
12. Preparation of Geo-referenced Management Map Vector (MMV) through integration of the Forest Map drawn on the SOI OSM topographic map, Forest Map on working plan and ortho image.
13. Preparation of Geo-referenced Cadastral Map Vector (CMV) through integration of Ortho image and geo-referenced Cadastral Map.

The Management Map Vector and the Cadastral Map Vector shall be analyzed to identify the Area of Deviation. In case, the area of deviation is more than a specified tolerance limit, the concerned DFO should be consulted for clarifications and the DFO shall reconcile the Area of Deviation from the past alienation and village settlement records. Area deviations within prescribed limit may be accepted.

14. Transfer the geo-referenced forest boundary change points to the handheld Global Positioning System (GPS) device.
15. Plot forest boundary change points (pillars) on the SOI OSM topographic map and High-Resolution Satellite Image (Cartosat 2.5m Res + Resourcesat-1V MX 4.8m Res) for Verification by Revenue & Forest officials (Forest Revenue Joint Verification Committee)
16. Assistance to the Forest Revenue Joint Verification Committee (FRJVC) to navigate to the forest boundary change point locations Using Handheld GPS including the ring-out locations.

FRJVC shall inspect the forest boundary change points, confirm and certify the correct location, including fixing of new boundary pillars, dismantling of pillars in wrong positions (to avoid confusion) and draw a Minutes of Inspection. In case of any dispute in demarcation of the forest boundary change points, the concerned DFO and Tehsildar shall discuss the matter and bring out a resolution. In case of non-resolution by the DFO-

Tehsildar, the dispute shall be placed before the District Level Forest Coordination Committee (DLFCC) comprising of the concerned Additional District Magistrate (ADM), Settlement Officer (SO) and Tehsildar.

17. Collection of photograph and location coordinate of the confirmed forest boundary change point using the handheld GPS device (locations without forest boundary pillars may be marked with a flag post).
18. All confirmed boundary positions, where pillars are not present, are to be monumented (Created or Resurrected) by Forest Divisions.
19. Establishment of FPCP and FSCP through DGPS observation of minimum 4 hour and 30 minutes respectively with reference to 2 numbers of state level Primary Control Points maintained by ORSAC.
20. If SBAS supported Single / Dual Frequency Beacon Receivers are inadequate to give sub-meter accuracy, DGPS Beacon Reference / Base stations are to be established, with clear view of the sky and facilitating continuous observations during the survey period.
21. The DGPS Beacon Reference / Base Station may be located in such a way that all forest blocks proposed to be surveyed with Dual Frequency Rovers are within a distance of not more than 50 km from the Base Station. The Reference/ Base Station location may be chosen suitably at Division/ Range HQ for ease of access and dependable availability of electricity and internet connection.
22. Base Stations to be fixed by Dual Frequency DGPS Beacon Receivers with ORSAC's Control Points as reference.
23. Minimum observation time for base station installation shall be 12 Hours.
24. For all base stations, panoramic view of the base stations as well as the antenna location is to be captured using the Asset Mapper of GPS PDA System with minimum 6-8 photographs taken from all directions, capturing the base stations pictorial locations for future record and reference.
25. DGPS survey of the Forest Blocks through simultaneous rover observation at each forest boundary change point (Minimum 15 mins) as per boundaries identified / confirmed by FRJVC. In addition to DGPS readings, at each location simultaneously readings of the pillars must be taken with a 15 minutes observation using FD Odisha's GAGAN Enabled GPS PDAs for comparisons.

26. Real time Dual frequency DGPS rovers with OMNISTAR XP / HP Connection or RTK Enabled Dual Frequency Rovers backed by DGPS Correction signal from base Station or RTK Enabled Dual Frequency DGPS rover with SBAS Support, are to be used to give a autonomous Sub-meter accuracy @ 95 % confidence all time, without post processing.
27. The RAW data, RINEX File of all Collected Geo-Coordinates of DGPS Survey shall be collected on an offline Capable Mobile GPS & GIS data Collector Application, sourced from Apple's AppStore or Google's Play Store, specially designed by SLTP as per the requirements of FITGC. The Application and the Mobile Data Collector (Compatible with iOS 11.3 or Above; Or Android 8.1 or Above) shall be registered with FITGC's GIS Server to enable data communication between the data collection device and FITGC's GIS Server.
28. All collected data shall be directly uploaded from the Data Collector to the GIS Server, over the air only (through Wi-Fi or Mobile Internet). No connection between the data collection mobile device and desktops, shall be supported. Protection of the data inside the data collector is the full responsibility of the Tech partners.
29. All collected data shall be fully encrypted in the device and is not available to collector for editing / changes. The collector only can delete a coordinate and its associated files from the device or the data can be deleted at the server level by an authorized person of the Technical Partner under a Secured and Mobile enabled OTP login over a VPN connection.
30. For each surveyed forest block polygon, a unique ID shall be given. All features shall be recorded in this ID. All features will be extracted from this data.
31. The attributes shall be collected as specified by OFD and shall be linked to the corresponding features.
32. All these transmitted data to the GIS Server will be first machine processed for data structure integrity and correctness (QC Check and Verification) with respect to GCPs of ORSAC. The CDLTP can preview the result as verified by a mechanized processing by FITGC's GIS Server. If there are errors, the surveyed data should again be freshly collected and uploaded again for processing.
33. The machine QC Checked DGPS Survey data; (both raw and post-processed) data along with final coordinates will be referred to ORSAC over a secured web service for final quality checking and approval.
34. Field validation of forest land parcels settled under FRA and collection of their DGPS boundary coordinates as per extent of rights permitted: The boundary map generated should be linked to the attributes collected from official records of District Welfare Office and

Forest Division office (*Forest type/ Revenue/ RF/ Parcel no/Forest Block name, Extent and available Latitude-Longitude coordinates, Name and address of the right holder with photograph/s*)

35. Digitization and mapping of major topographic features such as drainage, river, road, settlement, etc.
36. Display of maps at the Gram Panchayat Office for invitation of objections/ suggestions; objection and final editing as per directions of DFOs.
37. Extraction of geo-referenced revenue forest plots (including Sabik and DL/C) from the geo-referenced cadastral maps prepared under NLRMP collected from ORSAC.
38. Integration of Shape files of forest land diverted for non-forest purpose (after 2011) and digitization& integration of forest land diverted for non-forest purpose as provided by Forest Divisions.
39. Coordinating with SJ,TP and FITGC for Integration of all types of Forest Land Boundary in the Web GIS based Decision Support System (DSS).
40. Prepare and submit final forest boundary maps with DGPS coordinates of boundary change points, boundary description and area-perimeter statement to FITGC in the Office of PCCF, Odisha in hard and in appropriate format soft copies as desired by FITGC.
41. Verification of the deliveries at FITGC
42. Issue of clearance for re-notification by office of the PCCF/FITGC
43. Assist DFOs in preparation and submission of re-notification draft for submission to Govt. of Odisha through office of the PCCF/FITGC
44. Maintenance support to forest divisions in GIS database maintenance/ boundary survey for a minimum period of 3 years after completion of the DGPS survey.
45. The Technology Partners should deploy Adequate Manpower in the circles to complete the
It is to be noted that, the list in Annexure-2, is subject to modification based on priority at any point over the time of execution and implementation.
46. Every Year minimum 25 % of Field Survey and georeferencing load is to be achieved.
47. As thumb rule the CDLTP should deploy minimum one field survey group at each range and one RS & GIS Group at division office, for collection, compilation, study of the documents and georeferencing of revenue & deemed forest land using cadastral NLRMP Records, Available maps with the Forest division and IRSI.

48. Any other as logically and rationally warranted over the course of execution of this work under due direction of PCCF Odisha.

4.1.2. Responsibilities of SLTP:

The SLTP shall be required to undertake the following activities exclusively, including the task of CDLTP for 1 (one) Circle, to understand the real issues of field survey working.

1. An Office registered in Odisha.
2. Establishment of a temporary office premises within the office premise of Forest Hqrs Odisha.
3. Engagement of Competent Professionals as per the requirements of the project.
4. Approved Recommendations of fundamental, basic and generic Technical Specifications of DGPS equipment like Base Stations, Rovers, data Collectors and all Desktop and Server SW required for DDP and GIS etc., in consultation with FD Odisha, FITGC and ORSAC.
5. Transmitted data of Forest land secondary survey undertaken by the CDLPs, will be fully machine processed, checked and validated at FITGC Server with the help of a web service from ORSAC, providing the cross reference of ORSAC's GCPs or installations of ORSAC's GCP details in FITGC server. Human Interventions and subjective bias in mass scale DGPS Data Processing and Validation should be fully eliminated or absolutely minimized, to speed up the process. These machines processed and validated data will be made available to ORSAC for further validation and check if necessary. All the codes in the server shall be in C or C++ or Enterprise Java only and Application environment is to operate natively and purely on Enterprise Linux with PostgreSQL-PostGIS DB. No Windows based applications shall be allowed at server or field devices communicating with FITGC Server. All data transmission is to be encrypted from devices (data collectors) to server and is through native-authentications. All mailings are to be only under Class-II or above Digital Signatures to avoid data security issues.
6. This entire process of Automated data transmission, Processing and Validation, which involves the design of Device Applications, DGPS Data Processing Server SW, the webservices, DGPS Survey Monitoring Portal etc. shall be designed or procured and is to be implemented by SLTP under the validation of FITGC and ORSAC as per the requirements.

7. Development of an on-line geo-spatial data sharing platform with role-based system access for exchange of digital data, shapeliness, images, etc. between CDLTP/DFO, SLTP/FITGC and ORSAC. The platform shall be used to upload Draft data/ maps by the CDLTP, Verification/ certification by ORSAC, approved data/ maps by SLTP.
8. Collection of Satellite Images covering the respective Forest Divisions
 - o 2.5m Cartosat & 5.8m LISS-IV, MX, Resourcesat images for the area of interest
 - o Oldest available Landsat Imagery for forest divisions
9. Geo-processing, merging and rectification of the satellite images with respect to Ortho-images of ORSAC
10. Identification and mapping of un-surveyed forest area in the Forest Divisions with land extent more than 1 hectare and crown density more than 25%. Each of the mapped land parcels shall be indicated with the Plot Number as per the Hal Record and shall be certified by the concerned Tehsildar.
11. Design of Control Networks comprising of Forest Primary Control Point (FPCP) and Forest Secondary Control Points (FSCP) as per existing PCP/ SCP and area of interest (AOI), i.e., Division, Range and locations of forest blocks. The Control Network design shall be certified by the Forest IT & Geomatics Centre (FITGC).
12. Provisioning of approved Design Control Network (FPCP & FSCP) to CDLTPs for establishment of Ground Control Points.
13. Orientation, training and capacity building of FDs and CDLTPs for timely and smooth execution of the work.
 - i. Centralized intensive orientation training involving frontline forest staff of concerned Divisions, CDLTPs, FITGC and Revenue officials (nominated by Forest Division) with field demonstration of work methodology and creation of lead resources in Forest Divisions
 - ii. Field work training at Division/Circle: This shall be conducted twice, one before initiation of field work and the other after review of initial round of deliveries.
14. Quality check and clearance of geo-referenced forest boundary data as interpreted by CDLTP from CMV and MMV.
15. Provision of thematic mapping specification and guidelines in consultation with FITGC for digitization and inclusion of reference map layers (topography, road, drainages, etc.) from secondary sources

16. Provision of standard geo-database schema for generation of forest boundary geo-database
17. Verification and quality clearance of DGPS survey and geo-referenced forest land boundary data provided by CDLTs
18. Spatial integration of data provided by various CDLTs and referencing into the FITGC server
19. Development of Web-GIS application for authorized access of geo-database across the Forest Department/District Administration with necessary security control
20. DSS operation training at Circle/District and Forest Divisions: This shall involve development of User Manuals and Operation Handbook for effective and efficient use of the developed Forest Land DSS.
21. Close coordination with the existing Technology Partners of FITGC dealing with Data Centre Operation and Management, GPS PDA Project / OFMS and MIS Applications.
22. All IT GIS Implementations related DGPS Survey should be on an Open Source Platform and Proprietary SWs are to be avoided as best as possible.
23. Provisioning of minimum and necessary High-Quality Technical Manpower at FITGC and ORSAC, to execute and manage the intended works of this project. Preferably the manpower strength should not be more than 10 persons.
24. System Maintenance of Forest land LIS and DSS at FITGC for a minimum period of 5 years after full commissioning of the DGPS survey and GIS based Forest Land DSS.
25. Any other as per the logical requirements of this project.
26. As a thumb rule SLTP should have 10-12 supervisory groups at field levels to supervise and streamline the works of CDLTs in all circles and one group at FITGC / State Level for data check, analysis, integration and inter departmental coordination
27. Every Year all Field Survey and georeferencing data (25 % of the Total State Target) will be completed and supplied by the CDLTs and are to be QC checked by SLTP and are to be integrated on the Web GIS based DSS and released for use by FD Odisha and other Govt Agencies as per the decision of PCCF Odisha.
28. Any other works or services as logically and rationally warranted over the course of execution of this work under due direction of PCCF Odisha.

4.2 INSTITUTIONAL SUPPORT

Following support shall be extended from the Odisha Forest Department for smooth and timely execution of the program.

4.2.1. Support from Forest Divisions:

- A. Provision of available documents and maps to the SLTP. The documents shall include notified area register, DLC register, pillar register, notifications, forest block maps, working plan map etc. from the respective Forest Division Offices.
- B. Guidance in collection of revenue maps and Land Records (HAL and Sabik)
- C. Reconciliation of the Area Deviations in notified area, if any, when compared with the MMV and CMV prepared by the CDLTP.
- D. Identification of SOP's GTS Points within the Division
- E. Identification of Primary GCP and Secondary GCP established by ORSAC within division and near to division (2Km Buffer).
- F. Supervision of the establishment of a Forest Control Network (FPCP and FSCP) points, to be carried out by the CDLTP through DGPS survey.
- G. Coordinate and organize site inspection and confirmation of forest boundary by FRJVC including compilation of site inspection report with signature of all FRJVC members.
- H. Land related disputes, if any, during forest boundary inspection by FRJVC, shall be resolved by the DFO in discussion with the Tehsildar. In case of non-resolution of the land dispute, DFO shall report the case to the District Level Forest Coordination Committee (DLFCC) for resolution of the land dispute.
- I. The DLFCC resolution shall be recorded in form of minutes with signature of the DLFCC members.
- J. Monumentation of Pillars (if necessary, either way of Fresh Creation or Resurrection) at DGPS Surveyed Boundary Points by the CDLTPs as certified by Forest and Revenue Officials.
- K. It is absolutely clarified that Posting Pillars / Monumentation arising out of this DGPS Survey exercise, is the sole duty and responsibility of the Forest Divisions Only. CDLTP only will identify, demarcate the pillar's location on ground (but doesn't monument) and Georeference it using Sub-Meter Accuracy DGPS Survey as per T & C of this RFP with documentations (based on a Geotagged photo enabled secured mobile App) of monumentation / pillar fixing.
- L. Once an Identified and Demarcated Pillar point on ground is accepted by Forest and Revenue authorities, it shall be monumented by the forest division within seven (7) days and its final coordinates are to be recorded by the CDLTP and Forest Division simultaneously with necessary documentation and is to be uploaded to FITGC's GIS Server with communication to DFO and concerned RO.
- M. Acceptance and certification of Forest Boundary Maps prepared by the CDLTP through DGPS survey and geo-referencing.

- N. Public display of the above maps in the office of the Gram Panchayat Office for invitation of objection, hearing and disposal of objections, if any. Display of such notice are to be Captured by Mobile App based Geotagged Photos and is to be uploaded to FITGC's GIS server for reference and records.
- O. Receipt of quality clearance of survey data and geo-referenced forest land boundary from office of the PCCF / FITGC and preparation of draft re-notification of forest land boundary and submission to RCCF for verification and on-ward transmission to Government through office of the PCCF, Odisha.
- P. Provision of working space to CDLTP/ SLTP at the Forest Division office.
- Q. Accommodation to the field teams of CDLTP/ SLTP in ERHs (where available) during execution of work.
- R. Any other works and services to complete the project as decided by PCCF Odisha, concerned RCCF and DFO.

4.2.2. Support and Responsibilities of RCCFs

- A. Finalization of works / survey schedule with inputs from DFO and SDLTP.
- B. Periodic review of work progress.
- C. High level coordination of Forest-revenue boundary dispute resolution.
- D. Supervising the completion of DGPS survey, geo-referencing of all types of forest land in Forest Divisions based on facts presented by the DFO and CDLTP and supervision of the Draft Maps and Records.
- E. Recommendations of Draft re-notification proposals prepared by Forest Divisions to the Office of the PCCF, Odisha.
- F. Any others work and services to complete the project as decided by PCCF Odisha and Govt.

4.2.3. Support and Responsibilities of FITGC, O/o PCCF, Odisha:

- A. Officers Competent in Enterprise Class IT and GIS should steer this project.
- B. FITGC should be Equipped with Adequate and High-Quality Computing, Networking and Storage Hardware and Technical Manpower to support the DGPS Survey operation.
- C. Issue of work directives, overall supervision of the work progress, verification acceptance of the deliverables with assistance of the SLTP.
- D. Facilitation for collection of documents such as notified area register, DLC register, pillar register, notifications, forest block maps, working plan map etc. from the respective Forest Division offices.

- E. Finalization of geodatabase structure, geo-database schema as suggested by the SLTP.
- F. Issue of communications to the NRSC for procurement of HRSI with assistance from SLTP.
- G. Issue of communication to ORSAC for providing the district wise GCP details, geo-referencing of satellite images procured by Forest Department w.r.t. geo-referenced ortho-images available with ORSAC for the whole state, geo-referenced village map with forest land parcel and data linkage, and verification and certification of the DGPS surveyed forest boundary change points
- H. Issue of communication to SCST Department/ respective DSWO for provision of Land Parcel Map (LPM)/ land records for land settled under FRA with GPS coordinates, where available.
- I. Issue of communication to Revenue Officials such as the District Collector, ADM, Tehsildar for their coordination and involvement in the FR/VC and DL/FCC
- J. Approval of the Design Control Network (PCP & FSCP) before execution of the DGPS survey of the forest boundary change points with assistance of the SLTP.
- K. Review and finalization of specification for geo-database, thematic mapping, draft notification formats
- L. Acceptance of final deliverables and preparation of data repository with assistance of SLTP (notified forests, revenue forests, DL/C/Subik forests, FRA land, diverted forest land)
- M. Approval of re-notification
- N. Submission of re-notification draft to Government
- O. Provision of working space to SLTP at the Forest Headquarters and approval of Central Forest Geo-Spatial Data Management Facility (secured) proposed by SLTP.
- P. Any others work and service to complete the project as decided by PCCF Odisha.

4.3 DELIVERABLES by Technology Partners (Products, Processes and Services)

4.3.1 Deliverables common to CDLTP and SLTP

- A. All Deliverables shall be in conformity with the SOP of Govt of Odisha.
- B. Required Trainings, Capacity Building and Handholding of all field level officers and staffs (Both for Forest and Revenue Department) to execute the work at Division, Circle and State level as to be decided by PCCF Odisha, RCCFs and DFOs.
- C. All IT and Communication Equipment and GNSS Gadgets / Equipment to be used in DGPS survey by CDLTP and SLTP shall be sourced from globally acclaimed OEMs

who are market leaders in Communication, Computing and GNSS-GIS technology business since last two decades.

- D. The Equipment used in the Work should be a latest acquisition and shall not be older more than three years and must not be in end of life OEM Support phase.
- E. GNSS Equipment and Gadgets to be used by the CDLTPs and SLTP must have the ability and native supports of all GNSS and RNSS Constellations like GPS, GLONAS, Galileo, QZSS, NAVIC / IRNSS etc.
- F. GNSS Equipment must support all popularly used GNSS Data Format used for sub-meter accuracy DGPS Survey.
- G. GNSS equipment and Gadgets to be used by the CDLTPs and SLTP must have the ability and native support capability of all SIVAS PPP Services like OmniStar / TerraStar Services / GAGAN, etc .
- H. These equipment of the CDLTPs and SLTPs are to registered in the GIS Server Stack of FITGC with their IMEI Number, MAC ID and Unique Equipment or Device ID. And the Transferred data shall bear these ID amongst of the devices for authentication.
- I. All input data used for forest land geo-referencing such as Notifications, SOI maps, Satellite imagery, Geo-referenced cadastral maps, DLC records, Sabik Maps, etc. (in soft copy and hard copy as the case may be)
- J. Geo-referenced shape files of Cadastral Map Vector, Management Map Vector linked to computed area, notified area and deviation used for ascertaining the notified forest boundary
- K. Raw DGPS readings taken in the field (base & rover data) in RINEX format
- L. Final /Post Processed DGPS coordinates of notified forest boundary as quality checked by FITGC/ ORSAC linked with Photographs taken at the time of observation
- M. Final DGPS coordinates & Shape files of FRA plots as quality checked by FITGC/ ORSAC linked with their relevant attributes.
- N. Draft Geo-referenced Notified Forest Boundary Map indicating major topographic features (as per final template provide by FITGC) along with coordinate statement (3 copies)
- O. Final geo-referenced forest land geo-database containing Division wise different types of forest land, organized into standard layers as prescribed by FITGC.
- P. Final Geo-referenced Notified Forest Boundary Map indicating major topographic features (as per final template provide by FITGC) along with coordinate statement (8 copies)

- Q. Maintenance support 3 years from completion of DGPS survey and preparation of geo-referenced forest land map.
- S. Any other works and services warranted as per the practical logical requirements of this project as decided by PCCF Odisha.

4.3.2 Additional deliverables by SLTP

- A. All satellite images received from NRSC
- B. Geo-referenced High-Resolution Satellite Images, rectified w.r.t. ORSAC orthoimage.
- C. Final Forest Ground Control Network linked to State geo-referencing framework.
- D. Orientation, training and capacity building of FDs and CDLTs
- E. Quality check and clearance of geo-referenced forest boundary data as interpreted by CDLT from CMV and MMV.
- F. Thematic mapping specification and guidelines in consultation with FITGC for digitization and inclusion of reference map layers (topography, road, drainages, etc.) from secondary sources
- G. Standard geo-database schema for generation of forest boundary geo-database
- H. Verification and quality clearance of DGPS survey and geo-referenced forest land boundary data provided by CDLTs
- I. Division wise final geo-database for hosting in FITGC server
- J. Source codes of Web-GIS Applications and Automatic QC Check and Processing of DGPS Data.
- K. Intensive, Wide and Continuous trainings on the execution of this work and DSS based on Forest LIS operation at Forest Hqs Circle / District and Forest Divisions.
- L. Preparation and Supply of Appropriate Training Materials
- M. System Maintenance at FITGC for 5 years
- N. Any other works and services warranted as per the practical logical requirements of this project.

4.4 TIMELINES AND MILE STONES:

It is proposed to cover all the forest land in the entire state of Odisha as per Supreme Court Directives. Entire works of DGPS Survey and Georeferencing of Revenue Forest land and Deemed Forest should be completed in **Four Years** from the date of signing of the agreement.

All deliveries, as listed above, are to be completed by the SLTP and CDLTs in a span of 9 (nine) month for each phase and (Each Phase consist of a Year); allowing 3 months for reconciliation and integration of data in DSS generated through the exercise and planning for the next batch of work.

Scheduling of works shall be designed for each phase / year to cover equal volume of works in every year.

Necessary fines will be imposed on the successful technical partners if failing to achieve the work as per the schedule. A dash board will be designed in the Web GIS to reflect the day today progress of the work with alerts of shortfall as per the scheduled timeline.

4.5 PAYMENT TERMS and Conditions:

4.5.1 For DGPS survey and Geo-referencing of forest land boundary (CDLTPs):

The minimum volume of completion of work eligible for payments, is a Forest Range of a Division, which shall be treated as a unit. Work progress should not be asymmetric and it must commensurate with the agreed time frame / mile stones. Within this framework , the payments will be as under:

- A. 10% of the total quoted price on submission of:
 1. Cadastral map vector and management map vector to FTGC after field verification and submission of reports duly counter signed by the DFO,
 2. Verification and Certification of all DGPS Equipment like Multi-Constellation GNSS-DGNSS Receivers cum Rovers, Base Station Beacons and Data Collection Devices etc of the CDLTP by FTGC with the Tech Support of SLTP and the Registration of these devices with their unique IDs in the GIS Server Stack of FTGC, for data transmission.
- B. 30% of the total quoted price on completion of DGPS survey of notified forest boundary as per revenue-forest confirmation and acceptance of draft maps by DFO. "The Minimum Volume of work of Completion for Payment Eligibility", is the Completion of DGPS Survey of notified forest block and Geo-reference of Revenue Forest Lands and other types of Forest and Wildlife land Polygons (Critical habitat, WL Corridors, Migratory Paths etc.), in a Range as mentioned in the SOP & this RFP.
- C. 25% of the total quoted price on quality clearance of Geo-database of all types of forest land (DGPS surveyed and Geo-referenced) by FTGC. "The Minimum Volume of work of Completion for Payment Eligibility", is the Completion of DGPS Surveyed Notified Forest Blocks and Geo-reference of Forest Lands and other types of Forest and Wildlife land Polygons (Critical habitat, WL Corridors, Migratory Paths Forest land diverted etc.), in a Range as mentioned in the SOP & this RFP.
- D. Balance 25% of the total quoted price will be paid after full completion of all DGPS Survey and Geo-referencing works in the Entire Division as per the SOP and scope of work of this RFP.

4.5.2 For QC Support and Development of GIS based DSS by SLTP:

- A. 10% of the total quoted price on completion of Field Based Orientation trainings at Division, Circle and FTTC / State Hqs on identification, demarcation and verification of Forest boundary. The minimum volume of work of Completion for payment eligibility is a Forest Division as a unit, on a proportional pro-rata basis.
- B. 10% of the total quoted price on completion of Development and Implementation of:
 1. A uniform DGPS Data Collection Format and Specifications for all SLTPs
 2. DGPS Data Transmission Protocol and Mechanism is to be installed on the Field GNSS Device and FTTC's GIS Server Stack.
 3. Automated Machine Processing of transmitted DGPS Surveyed Data by the CDLTPs, to Check, and to Preliminarily Validate the collected DGPS Data with respect to ORSAC's GCPs and auto communication of Processing and validation result to CDLTPs.

The minimum volume of work of Completion for payment eligibility is for Whole State for all the above sub-items under 4.5.2.B.

- C. 15% of the total quoted price on Quality Checking and Certification of DGPS surveyed boundaries by FTTC and ORSAC on a proportional pro-rata basis.
- D. 15% of the total quoted price on quality checking and validation of Revenue and Deemed Forest Land Geo-database, based on SLRMP Cadastral & HRSI data by FTTC and ORSAC on a proportional pro-rata basis.
- E. 40 % of the total quoted price on commissioning of Web-GIS based FLI DSS (Forest land Information and Decision Support System) and user training on a proportional pro-rata basis.
- F. 10 % of the total quoted price on certification of work completion by FTTC on a proportional pro-rata basis.

All above works of CDLTPs and SLTP must progress simultaneously on a continuous basis for receipt of payments and Payment terms are subject to change with written concurrence / consent of the parties signing the Agreements, i.e. Between PCCF Odisha and CDLTPs, and PCCF Odisha and SLTP.

Penalty Terms: Penalties of 0.5% per week of delay, subject to a maximum of 5%, provided the delay is wholly attributed to the Technical Partner, is to be imposed on Technical Partners if the work is not completed as per the work schedule, as decided by the competent authority.

CHAPTER - 5

Eligibility Criteria

Primarily the nature of the assignments of the CDLTPs and SLTP requires thorough understanding of procedures and practice of Field Survey, Demarcation, Monumentation and Mapping of various category of Forest Lands in Odisha under the jurisdiction of Forest and Revenue Department. The assignment also warrants the proven and time tested technical expertise and experience of the Technology Partners in Modern Methods in GNSS and GIS based Precision Survey, preparation of map using Remote Sensing technologies in forestry domain to be delivered in a time-bound manner. The selected technical partner (SLTP & CDLTP) must have the capacity, capability and proven experience in successful execution of similar nature of work, i.e., geo-referencing of forest land boundary through DGPS survey and development of GIS based Decision Support System for Forest Land Management and deliver the assignment in a time bound manner. Proven Familiarity of Working and Business Presence in Odisha, in the field of GNSS based Survey and Geospatial IT is a fundamental and preferred requirement.

Technical competence of the technical partners shall be of paramount importance, while choosing the technical partners; as the data and output generated by the assignment under this RFP will be utilized in critical decision making, involving the utilization and management of forest land resource in Odisha. The generated data of the Forest Land management System must withstand the test of Forest and Land Revenue laws, other allied laws and possible litigations in various courts dealing with forest land, forestry and wildlife management.

To ensure technical competence while choosing the Technical Partners, all the Bids in this RFP shall be evaluated under a QCBS process assigning 70% weightage to the Proven Technical Competence and 30 % weightage to Financial Quotes.

It may be noted that pursuant to the directives of MoEF & CC to submit geo-referenced forest land map along with each case of application for Forest Clearance (MoEF & CC guideline dated 11-July-2011), Government of Odisha has designated ORSAC as the State Nodal Agency for certification of such geo-referenced forest land maps for forest clearance prepared by various organizations. Based on competency evaluation of various organizations working in forest land surveys, ORSAC has also empaneled more than 50 organizations from across the country for DGPS survey of forest land.

The Bidder (s) as an Individual Organization (Not as Consortium in any Form) must fulfill all the criteria mentioned under the General, Financial and Technical Eligibility conditions, in order to be considered as 'Eligible Bidder' and shall be further considered for Technical Evaluation of their bids. Bidders not fulfilling any of the criteria mentioned under the General, Financial or Technical Eligibility conditions shall be summarily rejected. Consortium bidding in any form is not allowed and shall be summarily rejected.

5.1 Eligibility Criteria for Circle and Division Level Technical Partners (CDLTPs)

The organization bidding for CDLTP must meet the following Minimum Eligibility Criteria, failing which their bids shall not be taken into consideration.

1. The bidding organization must be in GIS and DGPS Survey business for a minimum period of 7 (Seven) years. Conclusive Documentary evidence in form of past work orders in the name of the organization must be furnished as supporting.
2. The bidding organization must submit the Tender Fee of Rs. 5,000/- in form of Demand Draft drawn in favor of PCCF Odisha.
3. The bidding organization must submit the Earnest Money Deposit (EMD) for Rs. 3,00,000/- (Rs. Three lakhs Only) for CDLTPs in form of Bank Draft / Bank Guarantee from any Nationalized Bank, in favor of PCCF Odisha. It is to be noted that the cost of EMD for CDLTP is Rs. 3,00,000/- for each circle.
4. The bidding organization must submit copy of the PAN card along with copies of Income Tax return for last three Financial Years (2014-15, 2015-16, 2016-17)
5. The bidding organization must submit copy of their GST registration along with copies of GST Return (GSTR-1) for last three months.
6. The bidding organization must submit copy of their Provident Fund registration along with copies of last Annual Return.
7. The bidding organization must submit copy of their ESI registration along with copies of last Annual Return.
8. The bidding organization must have Annual Average Turnover of Rs. 1.0 Crores (Rupees One Crore only) from DGPS Survey and GIS business excluding the supply of hardware and OEM software in last three financial years (2014-15, 2015-16, 2016-17).
9. Copies of Balance Sheet, Profit & Loss account and Auditor-certified Turnover statement indicating revenue from DGPS Survey and GIS business for last 3 years must be enclosed as supporting.
10. The bidding organization must be Net worth positive. Original Auditor's Certificate must be enclosed.

11. The bidding organization must have surveyed a **minimum of 2000 (Two Thousand) Hectares of lands (Forest Lands)** for Forestry / Forest Management / Developmental Projects (Mining / Irrigation etc.), cumulatively over a period of last 10 (Ten) years; **using DGPS survey**, for Government Organizations including PSU projects in Odisha or Established and Large Corporate Organization Projects in Odisha. These DGPS Surveys must be duly Certified by ORSAC or Accepted / Certified by the Concerned Organizations. The list of the projects, purpose of survey, extent and types of area surveyed and ORSAC's or Organization's acceptance / certifications of the DGPS Surveys; in the form of Completion Certificates or Payment Credential against the work orders of the DGPS Survey, must be enclosed as supporting documents.
12. The bidding organization should have minimum **10 (Ten) numbers** of experienced **DGPS Surveyors and GIS Professionals** under the regular payroll of the Organization. List of the professionals with their Academic and Professional Profiles and PF numbers and the Bank Accounts in which the Salary Deposited should be furnished.
13. The organization should have a direct ownership of minimum **5 (Five) numbers** of reputed and establish brand RTK enabled **DGPS System** or SBAS / DGPS Beacon enabled Multi-constellation GNSS (Including GLONASS) Receiver cum Rover System; having a Native Submeter Accuracy @ 95% Confidence level, without any post processing; to undertake Submeter Accuracy DGPS Survey. Credentials of exclusive ownerships of the of these DGNSS Survey Equipment and the system generated registration details of these survey equipment, from the OEM's System must be Provided.
14. Work orders, credentials towards completion and ongoing works; and payment credentials towards completion and ongoing works to be enclosed as supporting documents.

5.2 Eligibility Criteria for State Level Technical Partner (SLTP)

The organization bidding for SLTP must meet the following Minimum Eligibility Criteria, failing which their bids shall not be taken into consideration:

1. The bidding organization must be in IT, GIS and DGPS Survey business for 7 (Seven) years. Conclusive documentary evidence in form of **past work orders / completion certificates** in the name of the organization must be furnished to support this.
2. The bidding organization must submit the Tender Fee of Rs. 5,000/- (Rs Five Thousand) in form of Demand Draft drawn in favor of PCCF Odisha.
3. The bidding organization must submit the Earnest Money Deposit (EMD) for Rs. 5,00,000/- (Rs. Five lakhs) for SLTP (Combinedly as SLTP and CDLTP for Koraput

- Circle) in form of Bank Draft / Bank Guarantee from any Nationalized Bank, in favor of PCCF Odisha.
4. The bidding organization must submit copy of the PAN card along with copies of Income Tax return for last three Financial Years (2014-15, 2015-16, 2016-17)
 5. The bidding organization must submit copy of their GST registration along with copies of GST Return (GSTR-1) for last three months.
 6. The bidding organization must submit copy of their Provident Fund registration along with copies of last Annual Return.
 7. The bidding organization must submit copy of their ESI registration along with copies of last Annual Return.
 8. The bidding organization must have Annual Average Turnover of Rs. 3.0 Crores (Rupees Three Crore only) from DGPS Survey and GIS / Geospatial IT business excluding the supply of hardware and OEM software in last three financial years (2014-15, 2015-16, 2016-17).
 9. Copies of Balance Sheet, Profit & Loss account and Auditor certified Turnover statement indicating revenue from DGPS Survey and GIS business for last 3 years must be enclosed as supporting.
 10. The bidding organization must have a Net worth in excess of Rs. 3.0 Crores (Rupees three Crore only). Original Auditor's Certificate must be enclosed.
 11. The bidding organization must have surveyed a minimum of 5000 (Five Thousand) Hectares of lands (Forest lands) for Forestry / Forest Management / Developmental Projects (Mining / Irrigation etc.), cumulatively over a period of last 10 (Ten) years, using DGPS survey, for Government Organization including PSU projects in Odisha / India or Established and Large Corporate Organization Projects in Odisha / India. These DGPS Surveys must be duly Certified by ORSAC or its Equivalent in other states or Accepted / Certified by the Concerned Organizations. The list of the projects, purpose of survey, extent and types of area surveyed and ORSAC's or its Equivalent's or the concerned Organization's acceptance / certifications of the DGPS Surveys; in the form of Completion Certificates or Payment Credential against the work orders of the DGPS Survey, must be enclosed as supporting documents.
 12. The bidding organization must have successfully executed minimum one single DGPS Survey with GIS based Mapping, Geo DB Development, DSS and Web GIS Development **for State Forest Department (s) in India**, for a value not less than Rs. 25.00 Lakhs (Rupees Twenty-Five lakhs). Work order with Payment Credentials or Completion

certificate to be enclosed as supporting. These works must be presented live in technical presentation.

13. The bidding organization should have minimum **20 (Twenty)** numbers of experienced and Professional DGPS Surveyors and Developers in Geoinformatics, working under the regular payroll of the Organization. List of the professionals with their full Academic and Professional Profiles and PI numbers and the Bank Accounts in which the Salary Deposited should be furnished.
14. The organization should have a direct ownership of minimum **15 (Fifteen)** numbers of reputed and establish brand RTK enabled DGPS System or SBAS / DGPS Beacon enabled Multi-constellation GNSS (Including GLONASS) Receiver cum Rover System; having a Native Submeter Accuracy @ 95% Confidence level, without any post processing; to undertake Submeter Accuracy DGPS Survey. Credentials of exclusive ownerships of the of these DGNSS Survey Equipment and the system generated registration details of these survey equipment from the OEM's System must be Provided.
15. Work order, credentials towards completion and ongoing works and live applications; and payment credentials towards completion and ongoing works to be enclosed as supporting documents.

CHAPTER - 6

Instructions to Bidders

6.1 BID PREPARATION

6.1.1. Separate Bids for CDLTPs and SLTP:

- A. Bid documents must be properly indexed, pages are to be serially numbered and flagged and signed by the bidder with seal. Indexing and paging will be done with respect to the credentials / supporting documents pertaining to eligibility criteria, as per the serial orders of the eligibility criteria enumerated in this RFP. Bid documents is to be stitched / bound together and shall not be left loose. Total numbers of pages containing in the bid is to be clearly mentioned at the first and last page of the bounded bid document.
- B. Thick and voluminous profile of the firm should not be submitted with the bid and the company / firm's profile must be limited to 20 pages only.
- C. No CDs / DVDs / Flash Drives / Hard Drives etc. shall be submitted as credentials with the bid (s).
- D. Only the relevant documents sought as the credentials in this RFP are to be provided in the bid document in duly sealed and signed hard copies.
- E. Bidders have to submit separate proposals for Selection of CDLTPs for each Circle separately, except for Koraput, Bhubaneswar & Bhawanipatna Circles.
- F. Bidders have to submit separate proposals for Selection of SLTP along with a CDLTP Bid for Koraput Circle mandatorily.
- G. Depending on his / her choice, a bidder may choose to participate either as a CDLTP or SLTP or both.
- H. The SLTP's scope of work includes the scope of work for one CDLTP for Koraput Circle.
- I. The bids for CDLTP and SLTP shall be evaluated separately as per the bid evaluation criteria of this RFP.
- J. Each circle will be bided separately except Bhubaneswar, Bhawanipatna and Koraput Circle.
- K. Full Circle means circle comprising all the Territorial and Wildlife Divisions in that Circle.
- L. No Partial Bidding of a Circle is allowed. Bid should of a full circle and the Bidder has to cover the all divisions of a circle.

- M. Bidders who will bid as CDLTP in Bhubaneswar circle, shall have to bid combinedly for Bhubaneswar and Bhawanipatna Circle, and the combine bid value of both the circle shall be considered for evaluation.
- N. Bidders for SLTP shall have to bid combinedly for SLTP and full Koraput Circle, as the CDLTP for Koraput Circle, and the combine bid value for SLTP Work and CDLTP work for full Koraput circle will be considered for bid evaluation.
- O. Similarly, no CDLTP bidder can Bid for Koraput circle alone as it is reserved for SLTP only as a logical corollary.
- P. Bidding Circle's name and Type of Bid, i.e. whether it is CDLTP or SLTP, must be clearly superscribed on the Bid Envelope.
- Q. Cost of Tender paper is paid only once by a bidder, though he may opt for multiple bids of this RFP.
- R. Any Bid which fails to satisfy above conditions and all Partial and conditional bids shall be summarily rejected.
- S. All bids are to be made strictly as per the Bid Formats of this RFP and bids in no other formats are allowed.
- T. In conformity to the above bidding constraints, the Allowed Bid Types along with their Tender Paper Cost, EMDs and Estimated Costs of the Works are as under:

Sl No	Allowed Bid Types / Bid For	Remarks
1	Combine Bid for SLTP and CDLTP in Koraput Circle	Tender Paper Cost: Rs.5000/- and EMD = Rs. 3,00,000/-
2	Combined Bid for CDLTPs in Bhubaneswar and Bhawanipatna Circle	Tender Paper Cost: Rs. 5000/- and EMD= Rs. 6,00,000/-
3	Individual / Separate Bid for Angul Circle	Tender Paper Cost: Rs. 5000/- and EMD = Rs. 3,00,000/-
4	Individual / Separate Bid for Berhampur Circle	Tender Paper Cost: Rs. 5000/- and EMD= Rs. 3,00,000/-
5	Individual / Separate Bid for Bargaruda Circle	Tender Paper Cost: Rs. 5000/- and EMD= Rs. 3,00,000/-
6	Individual / Separate Bid for Rourkela Circle	Tender Paper Cost: Rs. 5000/- and EMD= Rs. 3,00,000/-

Sl. No.	Allowed Bids Types / Bids For	Remarks
7	Individual / Separate Bid for Sambalpur Circle	Tender Paper Cost: Rs. 5000/- and EMD- Rs. 1,00,000/-

6.1.1.1: Estimated Volume of Work and their Estimated Cost:

- A. Notified Forest Area to be DGPS Surveyed by CDLTPs:
 - i. Notifies Forest Area as in the Table-1 of this RFP
- B. FRA Patches to be DGPS Surveyed by CDLTPs:
 - i. Estimated area is taken as 0.08 times (8%) of Notified Forest Areas as in Table-1
- C. Georeferencing of Revenue Forests and Deemed Forest and other land parcels pertaining to FDPs and Wildlife Management using Remote Sensing and GIS and Revenue Cadastral Maps, Land Records, NLRMP Records; but without Physical DGPS Survey as per T & C of this RFP by CDLTPs:
 - i. Estimated area is as in Table-1
- D. Cost of Data Aggregation, Geospatial IT Development, Development of DSS and its post completion support for 5 Years by SLTP as per the T & C of the RFP:
 - i. Estimated total forest area of the state as in Table-1
 - ii. Cost of Post Completion Support by SLTP: 5 Years (First Year is a Free Support & next four-year supports are under quarterly payment)

Note: The estimate of DGPS survey as per RFP's terms and condition is about Rs 14,000/- per sq km for notified forest areas and Rs. 40,000/- per Sq Km for FRA patches, cost of Georeferencing of Revenue Forests and Deemed Forest and other land parcels pertaining to FDPs and Wildlife Management using Remote Sensing and GIS and Revenue Cadastral Maps, Land Records, NLRMP Records, etc., but without Physical DGPS Survey as per T & C of this RFP by CDLTPs is about Rs 3,000/- per sq.km, cost of data aggregation, Geospatial IT Development, Development of DSS by SLTP is about Rs.2,500/- per sq.km, and post completion support for 5 Years by SLTP as per the T & C of the RFP is about Rs.50.0 lakh per year for 4 years.

Table-1: Circle wise Approximate Abstract of Forest Land (Estimated Volume of Work):

Sl. No.	Name of Circle	Notified Forest Area under FD Odisha (Sq KM)	Number of Forest Blocks	Revenue Forest Land (Sq KM)	Deemed Forest (Sq KM)	Total (Sq KM)
1	Angul Circle	4869.27	432	62.00	887.16	5818.49
2	Baripada Circle	4606.06	592	16.40	969.38	5592.05
3	Berhampur Circle	9456.61	1418	58.77	3021.56	12536.94
4	Bhawanipatna Circle	5202.38	517	10.45	1488.00	6790.89
5	Bhubaneswar Circle	2338.48	286	20.23	810.62	3169.32
6	Koraput Circle	7782.47	1112	33.85	4392.78	12209.10
7	Rourkela Circle	6964.18	1201	47.97	2076.71	9088.86

Sl No	Name of Circle	Notified Forest Area under FD Odisha (Sq KM)	Number of Forest Blocks	Revenue Forest Land (Sq KM)	Deemed Forest (Sq KM)	Total (Sq KM)
8	Sambalpur Circle	4277.08	670	37.77	1470.83	5785.68
Total		45586.53	6254	287.60	15117.32	60991.33

Table-2 Abstract of Estimated Cost: (Based on the above volume of work)

Sl No	Name of Circle	Notified Forest Area under FD Odisha (Sq KM)	Number of Forest Blocks	Revenue Forest Land (Sq KM)	Deemed Forest (Sq KM)	Total (Sq KM)	Estimated Cost (Rs. Lakhs)
1	Angul Circle	4869.27	432	62.86	837.16	5818.49	866.00
2	Baripada Circle	4606.06	592	16.4	969.58	5592.05	822.00
3	Berhampur Circle	4156.01	1118	58.77	3021.56	12536.94	1719.00
4	Bhawanipatna Circle	5292.38	543	10.45	1488.00	6790.89	955.00
5	Bhubaneswar Circle	2338.08	286	20.73	810.62	3169.32	427.00
6	Koraput Circle	7782.47	1112	33.85	4392.78	12209.1	1471.00
7	Rourkela Circle	6064.18	1201	47.97	2076.71	9088.86	1262.00
8	Sambalpur Circle	4277.08	670	37.77	1470.83	5785.68	781.00
Sub Total CDLTP Work		45586.53	6254	287.5	15117.3	60991.33	8303.00
9	SLTP Work					60991.33	1525.00
Total Estimated Cost of Forest land Georeferencing							9828.00

6.1.2. Consortium bidding is not allowed.

The Bid is open to individual organizations only. Any form of All Forms of Consortium bidding is not permitted and All/Any consortium bid(s) shall be summarily rejected. The bidder has to demonstrate his strength to support the program as a CDLTP or SLTP on its own, without support of any other party.

6.1.3. Cost incurred for preparation of Tender Document: The Bidder shall bear all costs associated with the preparation and submission of the Proposal (s).

6.1.4. Cost of RFP Document

The RFP document will only be downloaded from www.odisha.gov.in or www.odishaforest.in. Cost of the RFP will be paid through a non-refundable RFP fee of Rs. 5,000/- (Rupees Five Thousand only) in the form of a Demand Draft from any Nationalized bank drawn in favor of PCCF Odisha payable at Bhubaneswar. Bid (s) not conforming requisite RFP Cost shall be summarily rejected. A bidder need to pay the Cost of the RFP only once, though he may opt for multiple bids of this RFP.

6.1.5. Bid Security (EMD) and Security Deposit towards Performance:

Each and Every Bid must be accompanied by an Earnest Money Deposit (EMD) of Rs. 3,00,000/- (Rupee Three lakhs only) for CULTP Bidders and Rs. 5,00,000/- (Rupee Five lakhs only) for SLTP Bidders in the form of a Bank Draft / Bank Guarantee issued by the Bhubaneswar Branch of any Nationalized Bank, in favor of 'PCCF Odisha'. Bids submitted without EMD shall be summarily rejected. The Bid Security / EMD should be valid for a year.

The EMD of successful bidder would be returned upon submission of required Performance Bank Guarantee of 10% of the Successful Bid value (s), before signing the Agreement to execute the work (s), without which 10% of the payments shall be withheld towards Performance Bank Guarantee. The performance security will be returned after successful completion of works. EMD of all unsuccessful bidders would be refunded within 3 months of the bid opening, after the bidder being notified as unsuccessful.

6.1.6. Language of Proposal

The proposal prepared by the Bidder, as well as all correspondence and documents relating to the tender exchanged with the Bidder shall be in English. Information supplied in other language shall be summarily rejected.

6.1.7. Bid Currency:

Prices for services offered shall be quoted in Indian National Rupees (INR) only.

6.1.8. Proposal Validity

The Bid shall remain valid for 180 days from the date of the opening of Financial Bid.

6.1.9. Meaning of Words and Phrases in this tender: Meaning of words and Phrases are to be understood with respect to the object, reasons and various contexts, as described in this tender.

6.2 DOCUMENT COMPRISING THE BID

6.2.1. Technical Bid

The Technical Bid document of the bidder should contain the RFP Cost, EMD and documents in support of their eligibility, capabilities and experiences as required for the project, including information and declarations in duly filled-in Forms as per following:

- Form 1: Covering letter
- Form 2: Letter of Authorization
- Form 3: Organization details
- Form 4: Auditor certified Annual Turnover and Net-worth statement
- Form 5: Past experience in DGPS survey of forest land for Govt Departments / PSUs/ Corporates in Odisha.
- Form 6 (Required for Bidders applying as SLTP, not required for CDLTPs): Past experience in GIS mapping for Forest land, development of Web-GIS based decision support systems for any forest department in India.
- Form 7: Details of Geoinformatics and DGPS Survey professionals available with the organization
- Form 8: Details of DGPS equipment available with the organization
- Form 9: Strength of Organization in DGPS Forest Survey, GIS Mapping and Geo Database Development (Details of Infrastructural facility in Odisha, Summary of experience in execution of GIS/ DGPS assignments for Forestry, Work execution and Deployment Plan)
- Form 10 & 11: Financial Bid Formats for CDLTPs and SLTP.

6.2.2. Financial Bid (Form 10 & 11)

- A. The bidder shall not include any technical information or any type of condition in the Financial Bid. All conditional bids shall be summarily rejected.
- B. The Financial Bid must be completed in all respect and conform to the Financial Bid Format specified in this RFP document only. Form 10 for CDLTP and Form 11 for SLTP.
- C. Prices shall be quoted entirely in Indian Rupees (INR) and must be arrived at after including all expenses, rates, and applicable taxes, excluding Goods and Service Tax (GST) which is to be indicated separately as per prevailing rate.
- D. Financial Bids with incomplete information and/ or not conforming to the specified format shall be summarily rejected.

6.2.3. Sealing and Marking of the Bid

Both the Technical Bid and the Financial Bid shall be enclosed in separate sealed envelopes. The Technical Bid envelope shall be superscribed with "TECHNICAL BID". The Financial Bid envelope shall be superscribed with "FINANCIAL BID (NOT TO BE OPENED WITH THE TECHNICAL BID)".

Both the Technical bid and the Financial Bid envelopes shall be enclosed in an outer sealed envelope superscribed with "BID DOCUMENT FOR SELECTION OF CDTEP FOR CIRCLE" or "BID DOCUMENT FOR SELECTION OF STUP", as the case may be, and addressed to "Chief Conservator of Forest, IT & GIS", O/o PCCF Odisha, Forest Hqrs, Chandrasekharpur, Bhubaneswar, Odisha, Pin-751021

6.2.4. Bid Submission

The Bid document including all supporting and attachments are to be signed with organization seal on each page by the person authorized to submit the bid on behalf of the organization. The Bid document complete in all respect and securely bounded and sealed, should be submitted to the Authorized Officer's Representative on or before the last date and time of submission of the bid mentioned in the RFP's Schedule of Events, i.e. by 5 PM of 25th September, 2018 (Tuesday).

- Bids are to be submitted only at FITGC, O/o PCCF Odisha, Aranyabhwan, Chandrasekharpur, Bhubaneswar, Odisha, Pin-751023; by Regd. Post or By Messenger, on or before the last date & time to Mrs. Sunita Jee, ACF, IT & GIS, Contact Tel.(O): +91 674 2300583.
- Bids received after the due date and time (including the extended period if any) for any reason whatsoever, shall not be entertained and shall be summarily rejected.
- The bids submitted by Telex / Telegram / Fax / E-Mails etc. shall not be considered. No correspondence will be entertained on this matter. Office of the PCCF Odisha, shall not be responsible for any postal delay or non-receipt / non-delivery of the documents. No further correspondence on the subject will be entertained.
- PCCF Odisha reserves the right to accept or reject any proposal, and to annul the tendering process and reject all proposals at any time prior to the award of the contract.

CHAPTER – 7

Bid Opening, Evaluation and Award of the Works to Technical Partners

7.1 Opening of Technical Bid Document:

The Technical Bid document shall be opened as per the Date and Time specified in the Bid Data Sheet or the date specified through advance notice. The authorized representatives of the bidders may be present during the bid opening process. The technical bid document of each bidder shall be opened to record the submission of Tender Document Cost and the EMD as specified in the Bid Data Sheet. Bids without valid Tender Cost and / or EMD shall be rejected summarily. The Financial Bid shall remain unopened and intact till complete verification and processing of technical bids.

7.2 Evaluation of Technical Bid

The Technical Bid document along with the supporting documents submitted by the bidder shall be scrutinized on the basis of the Eligibility Criteria as specified in this RFP document. The Technical bids not satisfying the Eligibility Criteria shall be rejected and shall not be considered for further evaluation.

The Technical Bids satisfying the Eligibility Criteria only shall be considered for Technical Bid Evaluation as per the Technical Evaluation criteria as specified in this RFP document and shall be assigned with the marks. Technical Evaluation shall also involve Detailed and Relevant Technical Presentations by the Bidder. The Technical Bid Evaluation Criteria is specified in the following table.

Technical Bid Evaluation Criteria for Circle and Division Level Technical Partners (CDLTPs)

Sl No	Parameter	Max Score	Supporting document to be submitted by the bidder	Technical Scoring Criteria and Supporting Documents
1	Quality Certification for Geoinformatics and DGPS Survey Works.	5	Valid ISO Quality Certificate for Geoinformatics & DGPS Survey.	<ul style="list-style-type: none">• ISO 9001: 2015 for Geoinformatics & DGPS Survey works or equivalent domains; 5 marks.• Any other: 0 marks

Sl No	Parameter	Max Score	Supporting document to be submitted by the bidder	Technical Scoring Criteria and Supporting Documents
2	ORSAC empanelment for DGPS survey	5	Copy of past empanelment with ORSAC for DGPS survey works	<ul style="list-style-type: none"> • Available: 5 marks • Not available: 0 marks
3	Average Annual Turnover in DGPS Survey and GIS Business (Excluding sales of HW and OI&M SW) in last 3 financial years (2014-15, 2015-16, 2016-17) (As per Eligibility Criterion Serial No-8 of CDLTps)	15	Copies of Audited Balance sheet with original auditor certified turnover statement (Form 4)	<ul style="list-style-type: none"> • More than Rs. 3.0 Crores: 15 marks • Between Rs. 1.0 to 3.0 Crores: 10 marks • Less than Rs. 1.0 Crores: 0 Marks
4	Past Experience in Successful completion of DGPS survey of forest lands for Govt and Corporate Sector projects in Odisha. (As per the Eligibility Criterion Serial No-11 for CDLTps)	25	List of important DGPS Survey Projects successfully executed. (Form 5)	<ul style="list-style-type: none"> • 10000 Ha or Above: 25 Marks • 5000 to 10000 Ha: 20 marks • 2000 to 5000 Ha: 15 Marks • Less than 2000 Ha: 0 (Zero) Marks
5	HR capacity of the organization to take up the project, having DGPS surveyors and GIS Professionals on Pay roll. (As per the Eligibility Criterion Serial No-12, for CDLTps)	10	Details of DGPS survey professionals (Form 7)	<ul style="list-style-type: none"> • More Than 20 Professionals: 10 Marks. • 10-20 Professionals: 7 marks • Less than 10 Professionals: 0 marks.

Sl No	Parameter	Max Score	Supporting document to be submitted by the bidder	Technical Scoring Criteria and Supporting Documents
6	Ownership of DGPS equipment with the organization to undertake Submeter Accuracy DGPS Survey, (As per the Eligibility Criterion Serial No-13, for CDLTPs)	10	Details of Submeter Accuracy DGPS equipment available with Bidder (form 8)	<ul style="list-style-type: none"> • More Than 10 DGPS Equipment: 10 marks • 5-10 DGPS Equipment: 7 marks • Less than 5 DGPS Equipment: 0 Marks (Credentials of exclusive ownerships of the of the above DGNSS Survey Sets and the system generated registration details from the OEM's System must be Provided)
7	Fully Functional Registered Office Premise, with required facility and manpower in Odisha.	5	Form 9	<ul style="list-style-type: none"> • Five (5) Marks: If it exists • Zero (0) Marks: If it doesn't exist. (Assurance and undertakings to establish office shall not be entertained for the purpose of Tech Bid Scoring. Documentary evidence of rental or ownership, telephone bill, electric bill, internet lease line bill etc., with Geotagged Photograph of the existing office is to be provided)
8	Presentation of the Organization Capability and Capacity, execution and deployment plan and showcasing the past forestry sector DGPS Projects in India.	25	In consonance with Form-9 submitted.	To be awarded by Technical Committee
Maximum Score		100		

Technical Bid Evaluation Criteria for State Level Technical Partners (SLTP)

Sl No	Parameter	Max Score	Supporting document to be submitted by the bidder	Technical Scoring Criteria and Supporting Documents
1	Quality Certification for Geoinformatics and DGPS Survey Works.	5	Valid ISO Quality Certificate for Geoinformatics & DGPS Survey.	<ul style="list-style-type: none"> • ISO 9001: 2015 for Geoinformatics & DGPS Survey works or equivalent domains: 5 marks. • Any other: 0 marks
2	ORSAC empanchment for DGPS survey	5	Copy of post empanchment with ORSAC for DGPS survey works	<ul style="list-style-type: none"> • Available: 5 marks • Not available: 0 marks
3	Average Annual Turnover in DGPS Survey and GIS Business (Excluding sales of HW and OEM SWs) in last 3 financial years (2014-15, 2015-16, 2016-17) (As per Eligibility Criterion Serial No-8 of SLTP)	15	Copies of Audited balance sheet with original auditor certified turnover statement (Form 4)	<ul style="list-style-type: none"> • More than Rs. 7.0 Crores: 15 marks • Between Rs. 5.0 to 7.0 Crores: 13 marks • Between Rs. 3.0 to 5.0 Crores: 11 marks • Less than Rs. 3.0 Crores: 0 Marks
4	Past Experience in Successful completion of DGPS survey of Forest Lands for Govt and Corporate Sector projects in Odisha. (As per the Eligibility Criterion Serial No-11 for SLTP)	25	List of important Projects successfully executed (Form 5)	<ul style="list-style-type: none"> • Above 15000 Ha: 25 Marks • 10000-15000 Ha: 20 marks • 5000-10000 Ha: 16 Marks • Less than 5000 Ha: 0 (Zero) Marks

Sl No	Parameter	Max Score	Supporting document to be submitted by the bidder	Technical Scoring Criteria and Supporting Documents
5	Past Experience in Successful Execution of DGPS Survey with GIS Mapping, Geo DB Development, DSS and Web GIS Development for State Forest Departments in India. (As per the Eligibility Criterion Serial No-12 for SLTP)	10	Form No-6	<ul style="list-style-type: none"> • More than one Project and having at least one project of value of more than Rs. 100 lakhs: 10 marks • Single Project value Rs. 75-100 Lakhs: 9 Marks • Single Project value Rs. 50-75 Lakh: 8 marks • Single Project value 25-50 Lakhs: 7 marks • Any single Project, having project value less than Rs. 25.00 lakh: 0 Marks
6	HR capacity of the organization to take up the project, having DGPS surveyors and Geoinformatics Professionals on Pay roll. (As per the Eligibility Criterion Serial No-13, for SLTP)	5	Details of DGPS survey & Geo-informatics professionals (Form 7)	<ul style="list-style-type: none"> • More Than 30 Professionals: 5 Marks • 20-30 Professionals: 4 marks • Less than 20 Professionals: 0 marks.
7	Ownership of DGPS equipment with the organization to undertake Submeter Accuracy DGPS Survey. (As per the Eligibility Criterion Serial No-13, for CDLTP)	5	Details of Submeter Accuracy DGPS equipment available with bidder (form 8)	<ul style="list-style-type: none"> • More Than 20 DGPS Equipment: 5 marks • 15-20 DGPS Equipment: 3 marks • Less than 15 DGPS Equipment: 0 Marks <p>(Credentials of exclusive ownerships of the of the above DGNSS Survey Sets and the system generated registration details from the OEM's System must be Provided)</p>
8	Fully Functional Registered Office Premise, with required facility and manpower in Odisha,	5	Form 9	<ul style="list-style-type: none"> • Five (5) Marks: If it exists • Zero (0) Marks: If it doesn't exist. <p>(Assurance and undertakings to establish office shall not be</p>

Sl No	Parameter	Max Score	Supporting document to be submitted by the bidder	Technical Scoring Criteria and Supporting Documents
				entertained for the purpose of Tech Bid Scoring. Documentary evidence of rental or ownership, telephone bill, electric bill, internet lease line bill etc... with Geotagged Photograph of the existing office is to be provided)
9	Presentation of the Organization Capability and Capacity, execution and deployment plan and showcasing the past forestry sector DGPS Projects in India.	25	In Consonance with Form-9 submitted.	To be awarded by Technical Committee.
	Maximum Score	100		

Technical Evaluation

The Technical Committee Constituted by PCCF Odisha will evaluate the Technical Bids (Technical Scores) of the Eligible Bidders as per the Eligible Criteria defined in this RFP.

Bidders who will qualify in Technical Evaluation shall be considered as Technically Qualified bidder and his bid shall be considered for Commercial Bid Evaluation. Bids not qualified in Technical Evaluation will be treated as Technically Non-Responsive and shall not be considered for Commercial Bid evaluation.

Bids securing more than 70 (Seventy) marks in the Technical Evaluation, shall only be considered as the Technically Qualified Bids. The Venue, Date and Time of opening of the Commercial Bids shall be intimated to the Technically Qualified Bidders in advance.

The Technically Qualified Bidders or their authorized representatives (maximum two for each bidder) are advised be present during the opening of the Commercial Bids and the bids shall be opened by the purchase committee / tender committee even if the bidder or his representatives are absent.

7.3 Evaluation of Commercial Bid

The commercial bids shall be opened by a Purchase Committee / Tender Committee duly constituted by PCCF Odisha or Govt. The Date, Time and Venue of opening of the Commercial Bids

shall be communicated to the Technically Qualified Bidders in advance. The authorized representatives of the Technically Qualified Bidders may be present during the Commercial Bid opening process. The Commercial Bids shall be scrutinized for their conformity with the specified formats as per this RFP. The Commercial Bids not submitted in specified format of this RFP and / or not with signature of the authorized representatives of the Company, shall be summarily rejected.

The evaluation of the Commercial Bids will be based only on the following criteria:

1. Only the Total Quoted Price in the Bid (s) submitted by the bidders will be considered for evaluation.
2. Comparison or evaluations shall not be done on the basis of the price quoted for individual items.
3. Total Quoted Price will be based exactly on the basis of the estimated volume of works and estimated cost as per this tender document / RFP only.
4. No bid above 20% of the estimated cost shall be considered for financial evaluation, as a principle of budgetary constraint.
5. Abnormally low quotes (Quotes less than 20% of the estimated cost) , shall be treated as unviable from quality and feasibility considerations and shall be rejected.
6. If a technically qualified bid is quoted with a price below 10% of the Estimated cost and in order to consider it by financial evaluation, it must accompany an additional Performance Bank Guarantee (PBG) of the Shortfall amount (Apart from the Contract Value Bank Guarantee) , issued from a Bhubaneswar Branch of a Nationalized bank in favour of PCCF Odisha, valid for five years and it shall be claimed by PCCF Odisha as an unconditional forfeiture to the Govt Exchequer, if the bidder fails to execute the project as per the terms and condition of the agreement of execution of the work.

So, PBG for 5 years for an amount equals to: $(0.9E - QP)$ shall be accompanied in the Financial Bid, if QP goes below 0.9 E. Where, "E" is the Estimated Cost as provided in this RFP and "QP" is quoted price by the bidder.

Scrutiny and evaluation of the Financial Bids shall be carried out as per the following guidelines.

1. In the event of difference between the price mentioned in figures and words, the price in words shall be valid and binding.
2. Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If the Bidder does not accept the correction of the errors, its tender will be rejected.

3. Totaling of the itemized price quoted will be done if not carried out. Total price will be treated as bid price.
4. Any discrepancy relating to prices quoted in the offer across different sections of the bid, only prices given in the prescribed format given in Form-15 of this RFP shall prevail.

Scores of the Commercial Evaluation would be weighed prorata on a scale of 100. The Bidder with the lowest commercial quote shall be awarded 100 marks. The marks obtained by the bidders in the Financial Bid evaluation shall be considered as Financial Score (FS). The Financial Score of the other Technically Qualified Bidders shall be computed as per the following formula

$$FS = 100 \times (F_{min} / F_b)$$

Where:

FS = Financial Score for the bidder under consideration

F_{min} = minimum price quoted by any bidder

F_b = price quoted by the bidder

The Technical Score (TS) and the Financial Score (FS) secured by each bidder shall be subjected to the Technical Weightage $WT = 0.70$ (the weight given to the technical proposal) and Financial Weightage $WF = 0.30$ (the weight given to the financial proposal).

The **Combined Technical and Financial Score (S)** for the bidder (s) shall be computed as per the following formula.

$$S = (TS \times 0.7) + (FS \times 0.3)$$

Tie Breaking strategy to be adopted in case of a tie in the combined Technical and Financial Scores of CDLTs & SLTPs: In the case of a tie between the bidders for a bid, the bidder who has surveyed maximum Forest land using DGPS Survey, as per the assessment in the technical bid evaluation, shall be the winner of the bid and shall be chosen for the work.

7.4 Selection of Technical Partners (SLTP & CDLTs)

The bidders securing the highest combined score (S) in separate evaluations of CDLTs and SLTP shall be considered for award of works in different circles as CDLTs and at state level as SLTP. Bidders shall be ranked separately for CDLTs in different circles and SLTP at state level.

The top scoring CDLTs shall be selected from the CDLT bidders to work with different Circles as per tender's T & C. The top scoring SLTP bidder shall be selected to work in Koraput Circles in Odisha. Such selected SLTP shall also work for development of the GIS based DSS for Forest Land Management in the State.

In the case of unavailability of bidders for some bids of this RFP or if there are single (s) technically eligible quote for some of the bid(s) / work(s), the Purchase Committee / Tender Committee will negotiate with the successful bidders or single quote bidders who are technically qualified; to offer the works of unsuccessful bids with a rationally reasoned rate, derived out from the quotes / rates in

the successful bids. In this regard the decision of PCCF Odisha / Govt, based on the recommendation of the Purchase Committee / Tender Committee will be final and any non-participating bidder or the single quote bidder or other successful bidders who are not offered the work of the non-responsive bids, shall have no claims.

The circle wise final schedule of the works of DGPS Survey and Georeferencing of Forest lands using revenue cadastral, will be notified by Concerned RCCFs in consultation with PCCF Odisha / FITGC and any rescheduling of work is to be done by concerned RCCFs with due an appraisal to PCCF Odisha. The bidder must abide the scheduling of the works as decided by the concerned RCCF / PCCF Odisha.

CHAPTER - 8

General Terms & Conditions

8.1 Bid Validity Period

The Bid submitted by the bidder shall remain valid for 180 days from the date of opening of the Financial Bid. Bids with validity period less than 180 days shall be treated as non-responsive and shall be rejected.

8.2 Corrupt/ Fraudulent Practices

The Bidder is expected to observe highest standards of ethics during the procurement and execution of the assignment. In pursuance of this policy, the tenderer defines the terms set forth as follows:- "Corrupt Practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of the public official in the procurement process or in contract execution, and "Fraudulent Practice" means a misrepresentation of facts or other to influence a procurement process or execution of a contract to the detriment of the Client, and includes collusive practice among Bidders (prior to or after bid submission), designed to establish bid prices at artificial non-competitive levels and to deprive the Client of the benefits of the free and open competition.

In case the Bidder is found to be engaged in Corrupt/ Fraudulent practices before the contract award or after award of the contract, such Bidder shall be declared ineligible and his/ her bid shall be rejected and the contract shall be terminated, as the case may be.

8.3 Right to Accept/ Reject the Bid

Notwithstanding anything contained herein, PUCT Odisha reserves the Right to reject any Bid or all Bids without showing any reason thereof.

8.4 Late Bids

Bids received after the specified last Date and Time of receipt (including any extension of time for submission of bid thereof) for whatsoever reason, shall be rejected summarily. No further communications in this regard shall be entertained.

8.5 Award of Work

Notwithstanding anything contrary to the provisions in this RFP document, PUCT Odisha reserves the right to accept or reject any proposal or to annul the process fully or partially or modify the same and to reject any/all proposals at any time prior to the award of work, without incurring any liabilities in this regard and without assigning any reason thereof. The tenderer reserves the

right at the time of Contract award or during the execution of contract to increase or decrease the quantity of work allotted to the selected Bidder.

8.6 Performance Bank Guarantee

The selected Bidder shall be required to submit a Performance Bank Guarantee for an amount equal to 10% of the total Contract Value valid for 3 months in excess of the agreement period. The selected bidder shall furnish the Performance Bank Guarantee within 1 month of issue of the work order. The Performance Bank Guarantee shall be held free of interest as security for due performance as per obligations under the contract. The Performance Bank Guarantee shall be released after successful completion of the Performance Period.

8.7 Extension of Time and Price Escalation

The date of completion of the contract may be extended due to force majeure or events beyond control of the selected Bidder. In such case, the Bidder shall be obliged to submit a claim for extension of time with due justification. The decision of the department on time extension shall be binding on the Bidder. Necessary amendment to the contract in accordance with the granted time extension will be done. Equitable Damage shall not be applicable for the officially extended time period.

Considering the long-term deployment of resources and association with the project, a price escalation request to counter inflation may be submitted by the Technical Partners (CDLTPs and SLTP) with sufficient justifications (change in resource and logistics costs) only after 2 years of execution of the project. Such escalation request shall be evaluated by PCCF Odisha and if found justified shall be granted by PCCF as per wholesale price index (WPI). Decision of PCCF Odisha shall be final in this regard.

8.8 Non-Transferrable

The selected Bidder shall not transfer any interest, rights, benefits or obligations under the contract without the prior written permission from the authorized officer of the department.

8.9 Confidentiality

The selected Bidder shall not use the Confidential Information provided by the Department except for the purpose of providing the service as specified under this contract.

8.10 Taxes & Duties

All taxes and duties payable in respect of execution of the contract except the Goods and Service Tax (GST) shall be borne by the Bidder. GST shall be paid as per approved GST invoice.

8.11 Copyright

The copyrights in all maps, documents and other materials containing data and information including plan/ design/ specifications/ database/ application software furnished by the selected Bidder to the Department shall remain as Intellectual Property of the Department.

8.12 Liquidated Damages

In case the selected Bidder fails to attain completion of the work within the scheduled time for Completion or any extension thereof due to reasons attributable to the selected bidder, the Department shall recover the amount of Liquidated Damages, by making deductions from the Technical partners 's account or by encashment of Technical Partner's Bank Guarantees at the rate of 0.5% of the Contract Price plus escalation, if any, excluding taxes and duties per month of delay up to a maximum of 5% of the Contract value, excluding taxes and duties.

However, the payment of liquidated damages shall not in any way relieve the selected Bidder from any of its obligations to complete the Work or from any other obligations and liabilities of the Consultant under the Contract.

8.13 Suspension of Work

The department may, by notice to the selected Bidder, order the selected Bidder to suspend Work of any or all of its obligations under the Contract. Such notice shall specify the obligation of which performance is to be suspended, the Effective Date of the suspension and the reasons therefore. The selected Bidder shall there upon suspend work of such obligation (except those obligations necessary for the care or preservation of the Work) until ordered in writing to resume such performance by tenderer.

8.14 Insurance

The selected Bidder shall, at his own expense, arrange appropriate comprehensive insurance to cover all risks assumed by the vendor under this contract in respect of its personnel and equipment deployed under this contract. Belongings of the selected Bidder or their personnel during the entire period of their engagement in connection with this contract, the department will have no liability on this account.

8.15 Entire Contract and T & C of this RFP:

The terms and conditions laid down in this document and all annexure thereto as also the forms and any attachment shall be read in consonance as an integral part of this contract. Confusions

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due to inadvertent omissions and commissions in the RFP shall be adjudged and disposed under the object and reason of this RFP and matters are to be understood under common sense and logic.

8.16 Disputes & Arbitrations

All disputes arising out of the contract shall be amicably settled by both parties. In the unfortunate event of any disputes or differences, breach and violation relating to the terms of this agreement, the said dispute or difference shall be referred to the sole arbitration of the Arbitrator appointed by PCCF Odisha for the purpose. The award of the arbitrator shall be final and binding on both the parties. The adjudication of arbitrator shall be governed by the provision of the Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof or any rules made thereon. All legal disputes shall be subject to the jurisdiction of courts in Bhubaneswar.

8.17 Governing Laws

The contract between PCCF Odisha and the selected Bidder shall be governed by and interpreted in accordance with the laws of the land being in force in the state of Odisha. The courts in Bhubaneswar shall have the final jurisdiction over all matters arising under the contract.

8.18 Force Majeure

Neither party shall be held liable for any delay or damage occasioned by or arising out of acts of God and/or natural calamities, volcanic eruptions, earthquakes or other convulsion of nature and other acts such as but not limited to invasion, the act of foreign countries, hostilities, or war-like operations before or after declaration of war, rebellion, military power which prevent performance of the contract and which could not be prevented or avoided by a prudent person.

Issued on Behalf of PCCF Odisha, By

J. K. Mishra
21.05.2016
CCF, IT & GIS

6/4, PCCF Odisha, Forest Dept., Aranyo Bhawan,

Chandrasekharpur, Bhubaneswar, Odisha

Pin-751023

E-Mail: gis.pccfodisha@gmail.com

Tel: +91-674-2301193

Mobile: +919437075627 & +918328961595

PROFORMA & ANNEXURES

1. Bid Submission Formats

Form-I: Covering Letter (to be submitted on company letter head)

Ref:

Date:

To:

Sub: Submission of RFP for Selection of CDLTP/SLTP

Ref: Your RFP no _____ dated _____

Dear Sir,

With reference to your RFP Notice No. _____ dated _____ published on the departmental website for the above-mentioned subject, we are pleased to submit our Bid along with all supporting documents, requisite Tender Document Cost and EMD for your *evaluation*.

We understand that, if any information submitted in our bid document including the supporting documents is/ are found incorrect/verifiable or both, our bid will be rejected without any reference to us. We further understand that the department is not obliged to accept our bid or inform us the reason for rejection of our bid.

We further unconditionally accept all the Terms & Conditions mentioned in the above referenced RFP document. Deviations if any, to the Terms & Conditions mentioned in the above referenced RFP document reflect in our Bid shall liable our Bid document to be summarily rejected without any reference to us.

Yours Sincerely,

<Signature of Authorized Signatory>

Name:

Designation:

Contact No.:

Address:

Form-2: Letter of Authorization (to be submitted on company letter head)

Ref:

Date:

To

Sub: Submission of RFP for Selection of CDLTP/SLTP-Letter of Authorization

Ref: Your RFP no _____ dated _____

Dear Sir,

With reference to your RFP Notice No. _____ dated _____, we hereby authorize Mr/Ms <name>, <designation> of our organization whose signature is attested below, as our authorized representative to sign the bid documents including all documents in support of our bid on our behalf.

We hereby agree to ratify the acts, deeds and things lawfully done by our aforesaid representative shall and shall always be deemed to have been done by us and accordingly binding on us.

(Signature of Authorised Representative)

Yours Sincerely,

(Signature)

Name:

(Designation/ Head of the Organization)

Form-3: Organization Details (to be submitted on company letter head)

Name of the Organization	
Year of Establishment	
Address of Registered office	
Location of works (address)	
Telephone numbers	
Fax numbers	
Email address	
Web Site address	
Name of Head of Organization	
Designation of Head of Organization	
Head of Organisation's Mobile no.	
Head of Organisation's Email Id	
Name of the Contact Person	
Contact Person's designation	
Contact Person's Mobile no.	
Contact Person's Email Id	

Form-4: Turnover & Net worth statement (to be submitted on company letter head)

Sl.	Financial Year	Sales Turnover (in Rs.) from GIS/ DGPS services	Net Worth (in Rs.)
1.	2014-2015		
2.	2015-2016		
3.	2016-2017		

NB:

1. Certificate to indicate Turnover from DGPS survey/ GIS services, excluding revenues from sale of hardware/ software
2. Auditor certified Turnover and net-worth Certificate is original to be submitted.
3. Copy of the Balance sheet and P/L statement to be submitted.

Form 5: Past experience in DGPS survey of forest land for Government Departments/ PSUs/ Corporates in Odisha (Important projects executed in last 10 years)

Sl.	Work order/ agreement no and date	Name of Client Organization	Name of the Project	Area Surveyed & Value of Work (in Rs.)	Reference of supporting work order
			Total Value		

NB: Copies of work order/ agreement indicating scope of work and value for each of the above-mentioned projects to be enclosed as attachments with attachment reference no indicated in the above form

Form- 6 (for SLTP only): Past Experiences in GIS mapping of forest land, Geo DB, Sat Image Processing, Web-GIS decision support system for any forest department in India (Up to 10 important projects in last 10 years)

Sl.	Work order/ agreement no and date	Name of Client Organization	Name of the Project	Value of Work (in Rs.)	Reference of supporting work order
			Total Value		

All copies of work order/agreement with value slips or work order value for each of the above-mentioned projects to be attached as attachments with attachment reference no indicated in the above form

Form- 7: Details of Geoinformatics and DGPS Survey Professionals available with the Organization

Sl.	Name	Qualification	Years Experience in DGPS survey of Forest Land	No. of years of experience	EPI, ESI and Bank Account Number

NB: This shall be subject to verification, if needed.

Form-8: Details of DGPS Equipment Available with Organization.

Sl.	DGPS Instrument Make and Model	Equipment Sl. No	Attach Ownership proof reference (invoice, delivery challan) & Details of Registration of Equipment with OEM

NB: Ownership proof of the equipment (copy of invoice/ delivery challan) to be attached, with attachment reference as in the above form.

Form-9: Strength of organization in forest surveys and mapping (summary of experience in execution of GIS/ DGPS assignments for Forestry, details of infrastructural facility and local resources in Odisha, etc.)

Document enumerating details of GIS Laboratory (Area, capacity), Servers, GIS work station, peripherals, etc. *(to be submitted on company letter head)*

Form-10: Financial Bid for CDLTP (to be submitted on company letter head)

RFP Notice No. _____ Dated _____

Date: _____

To PCCP and HoFP, Odisha, Bhubaneswar

Sub: Financial Bid for CDLTP for _____ Circle and _____ Circle

Sl.	Description	Pre-Tax Unit Rate (In Rupees)	Pre-Tax Total Quoted Price based only on the Estimated Work Load given in the RFP. (In Rupees)
1	All works of Sub-para A (Agency Field DRPS Survey of Notified Forest Area) in _____ Circle.	Rupees _____ Per Square KM	Rupees _____ for _____ Square KM
2	All works of Sub-para Agency Field DRPS Survey of DRG & post-its in _____ Circle. (Provisionally FRA Patch Area is 0.08 times of Notified Forest Area)	Rupees _____ Per Square KM	Rupees _____ for _____ Square KM
3	<p>A. Construction Work of Concrete Formwork and formwork construction work of 1500' x 1500' x 1500' (including Darning, formwork (HFW) and GFD) for work on the Proposed Survey in field in _____ Circle.</p> <p>B. Construction of Concrete Formwork, including formwork and 2000' x 1500' x 1500' (including Darning, formwork (HFW) and GFD) and concrete work on the Proposed Survey in field in _____ Circle.</p> <p>(Provisionally A & B combined Area is 0.34 times of Notified Forest Area)</p>	Rupees _____ Per Square KM	Rupees _____ for _____ Square KM
4	Total Quoted Price as CDLTP for _____ Circle (In Words & Figures)		

NR: GST Tax shall be paid extra at the applicable rates

Yours Sincerely,

(Signature of Authorized Signatory)

Name:

Designation:

Contact No.:

Address:

COMPANY SEAL

Form-11: Financial Bid for SLTP (to be submitted on company letter head)

RFP Notice No. _____ Dated _____

Date:

To: PCCF and HoFF, Odisha, Bhubaneswar

Sub: Financial Bid for SLTP

Sl.	Description	Pre-Tax Unit Rate (in Rupees)	Pre-Tax Total Quoted Price based only on the Estimated Work load given in the RFP. (in Rupees)
1	All works of Sub-Meter Accuracy Field DGPS Survey of Notified Forest Areas in Koraput Circle	Rupees..... Per Square KM	Rupees..... for Square KM
2	All works of Sub-Meter Accuracy Field DGPS Survey of PRA patches in Koraput Circle (Provisionally PRA Patch Areas as per list issued of Notified Forest Areas)	Rupees..... Per Square KM	Rupees..... for Square KM
3	A. Expedienting Works of Survey Areas involving Extraction from NRTM Satellite Records using Remote Sensing (IRS/SPOT etc) but without any Physical Survey in field in Koraput Circle. B. Expedienting of Critical Habitat Wildlife Corridors, Migratory paths, Divested Forest lands (CA) Lands Mining Area etc by extracting from existing revenue and forest land records and using Remote Sensing (IRS) and GIS base without any Physical Survey in field in Koraput Circle. (Provisionally A & B combined Areas as per list issued of Notified Forest Areas)	Rupees..... Per Square KM	Rupees..... for Square KM
4	SLTP's Works of Aggregation and Delivery of DTM Survey data and Georeferenced Forest lands and other Forest and Wildlife Management Polygons per an Enterprise Class Web GIS Platform as a SaaS (Software as a Service) as per T & C and the Deliverables of SLP and this RFP.	Rupees..... Per Square KM	Rupees..... for Whole State
5	Post-Completion Support of Delivery of DTM Survey data on an Enterprise Class Web GIS Platform as a SaaS (Software as a Service) as per T & C and this RFP.	Rupees Per Year for Total Quotable	Rupees..... For Five Years after full Delivery and Completion
6	Total Quoted Price as SLTP and CDI/TP for Koraput Circle (In Words & Figures)		

NB: GST Tax shall be paid extra at the applicable rates

Yours Sincerely,

<Signature of Authorized Signatory>

Name:

Designation:

Contact No.

Address:

Company Seal

Annexure-II

Circle wise Approximate Abstract of Forest Land (Estimated Volume of Work)

Sl. No	Name of Circle	Notified Forest Area under FD Odisha (Sq KM)	Number of Forest Blocks	Revenue Forest Land (Sq KM)	Deemed Forest (Sq KM)	Total (Sq KM)
1	Angul	4869.27	432	62.06	887.16	5818.49
2	Baripada	4606.06	592	16.40	969.58	5592.05
3	Berhampur	9456.61	1418	58.77	1021.56	12536.94
4	Bhawaniapatna	5292.38	543	10.45	1438.06	6790.89
5	Bhubaneswar	2538.48	286	29.23	810.62	3369.32
6	Koraput	7782.47	1142	33.85	4393.78	12209.10
7	Rourkela	6961.18	1201	17.87	2676.71	9688.86
8	Sambalpur	4277.88	670	37.77	1470.83	5785.08
State Total		45586.53	6254	287.68	15117.32	60991.33

Division wise Abstract of Forest land (Approx.)

Sl. No	Circle	Division	Notified Forest Area under FD Odisha (Sq KM)	Number of Forest Blocks	Revenue Forest Land (Sq KM)	Deemed Forest (Sq KM)	Total (Sq KM)
1	Angul	Angul	738.97656	124	8.94	296.827	1042.74356
		Athamalik	603.180482	45	1.36942	274.0192	878.769072
		Atlagarh	315.1568	27	18.565		533.7218
		Cuttack	361.526648	42	20.795	133.62568	518.947308
		Dhenkanal	1897.43678	129	14.3918	35.431681	1897.260271
		Mahanadi WL	346.35695	8			346.35695
		Sathosa WL	453.43783	23		147.256	600.69383
		Total	4869.27	432	62.06	887.16	5818.49
2	Baripada	Karangia	966.9064	268	4.0121	310.3119	1278.2304
		Rairangpur	793.1847	84	2.86204	152.4012	948.44794
		Baripada	989.71645	186	2.203	352.0145	1343.93393
		Balasore WL	249.8852	11	3.21108	107.1912	360.89138
		Kenjhar WL	721.0762	32	1.3154	47.06138	775.24788
		STR Baripada	888.2898	1			888.2898
		Total	4606.06	592	16.40	969.58	5592.05
3	Berhampur	Ghumsar North	927.70086	31	1.73	12.9	942.35086
		Ghumsar South	1116.801	62	0.88	68.6034	1186.08434
		Balliguda	2291.8431	141	12.9311	835.20389	3142.94812
		Phulbandi	1556.5521	90	10.6483	1317.7038	2714.9042
		Boudh	1198.8573	913	11.925		1210.7823
		Berhampur	652.39918	53	17.52	192.74865	862.66783

Sl. No	Circle	Division	Notified Forest Area under FD Orders (Sq KM)	Number of Forest Blocks	Revenue Forest Land (Sq KM)	Decreed Forest (Sq KM)	Total (Sq KM)
		Parlakhemundi	1679.48680	119	3.34	794.3956	2477.222405
		Total	9486.61	1418	58.77	3021.56	12536.94
4	Bhubaneswar	Bolangir	1709.3082	113	4.67018	496.68972	1610.6681
		Kalahandi North	1273.8622	99	1.99652	261.72279	1539.58662
		Kalahandi South	1072.18063	135	1	251.48437	1307.671
		Khariar	1008.94915	153	1.70824	384.0315	1394.688895
		Subarnapur	316.82064	37	1.07386	111.1302	428.7247
		Sunabeda WL	309.5512	6			509.5512
		Total	5292.58	543	10.45	1488.06	6790.89
5	Bhubaneswar	Choudhara WL	183.6	18		139.9568	323.5568
		City	4,02131	3	1.734		5,75531
		Khurda	568.0575	56	9.3007	84.64479	662.00299
		Bhadrak WL	36.971	10	0.3914	60.1178	97.6402
		Chilika WL	33.8888	11	0.1375	11.56938	65.56888
		Puri WL	77.8116	20	2.71158	52.9109	134.43408
		Rajnagar WL	110.30583	78		83.0086	393.31443
		Nayagarh	1,101.8536	90	5.7945	377.4069	1,487.055
		Total	2538.48	286	20.23	810.62	3169.32
6	Koraput	Koraput	1617.68988	253	5.54	146.9808	1170.210687
		Malkangiri	1228.82170	123	2.642	1008.8079	2510.911601
		Rayagada	7281.09854	276	4.885	4271.3056	3563.689144
		Jaypore	833.084177	112	10.0199	321.3724	1164.396177
		Nawarangpur	1517.65444	148	10.685	1201.5535	2769.892942
		Total	7782.47	1112	33.85	4392.78	12209.10
7	Rourkela	Bouda	1807.88794	514	1.6679	223.31549	2032.07133
		Dugach	1330.10711	73	6.8649	855.63972	2192.611731
		Sundargarh	1220.3707	215	10.4809	20.611	1251.46268
		Rourkela	912.28964	175	2.2917	208.7509	1123.33224
		Konjhar	1094.32066	194	26.6688	768.39677	2489.386237
		Total	6964.18	1201	47.97	2076.71	9088.86
8	Sambalpur	Burugarkh	675.3421	124	15.8572	281.1663	975.36566
		Hirakud WL	153.8177	2			353.8177
		Baura WL	1177.7388	94	2.5323	191.53641	1371.80751
		Rairakhol	1470.19703	349	0.3	467.9078	1938.49483
		Jharsuguda	161.13149	39	15.3727	273.74367	450.24756
		Sambalpur	138.851253	42	3.70436	253.3876	695.943211
		Total	4277.88	670	37.77	1470.83	5785.68
		Grand Total	45586.83	6254	287.60	15117.32	60991.33

With Best Wishes

Thank You

The Odisha Gazette

EXTRAORDINARY
PUBLISHED BY AUTHORITY

No. 1440 CUTTACK, TUESDAY, SEPTEMBER 5, 2017/BHADRA 14, 1939

GOVERNMENT OF ODISHA,

FOREST AND ENVIRONMENT DEPARTMENT

No. 23572409113016. 107 (Gen) (7/2016) 14097 (SS dated 04.07.2017)

RESOLUTION

Standard Operating Procedure (SOP) for Geo-referencing of Forest Block Boundary through DGPS Survey

Background

Right to Life includes access to clean environment. A clean environment necessitates adequate forest cover and eminently it urges upon having forest cover over at least one-third of geographical area to have sustainably clean environment. As the country progressed from an agrarian to developed economy there has been significant pressures for diversion of forest land for non-forest use for several developmental projects. In that context, it has become imperative to define the correct jurisdiction of forest area with precise ground demarcations to enforce protection & ensure conservation. Moreover, geo-referencing of such boundary information is required to enable cross-referencing of boundary information with other secondary source maps such as Survey of India topographic, District Gazetteers, first forest cover maps, etc.

The National Map Policy, 2008 (NMP) also emphasises the need of high quality spatial data for conservation of natural resources. NMP further recommends adoption of UTM projection of WGS-84 as Horizontal datum linked to the National spatial reference frame for such spatial information

(boundary information) and Mean Sea Level (MSL) as the vertical Datum. Recommendation of NMP has also been incorporated in the Standard Operating Procedure (SOP) for forest boundary digitization prescribed by Forest Survey of India (FSI, Dehradun).

The Supreme court in their recent and historic order (2011) (Civil Appeal Nos. 1866, 2091, 2225-2227, 2380, 2568 and 2937 in WRIT PETITION (C) No. 202 of 1995 - Lafarge matter) have ordered for "creation and regular updating of GIS based decision support database, tentatively containing inter-alia the district-wise details of the location and boundary of (i) such plot of land that may be defined as forest for the purpose of the Forest Conservation Act, 1980; (ii) the core buffer and eco-sensitive zone of the protected areas constituted as per the provisions of the Wildlife (Protection) Act, 1972; (iii) the important migratory corridors for wildlife; (iv) the forest land diverted for non-forest purpose in the past in the district. The SLM worksheets in digital format, the forest cover maps prepared by FSI in preparation of worksheets, ZFDs and the protected area notified in the approvals accorded under the Forest Conservation Act, 1980 in each year of diversion of forest land in decision support database."

The FSI, the national organization mandated for national forest mapping has evolved Standard Operating Procedures for digitization of forest boundaries. Following are the salient features of the SOP:

- A combination of DGPS and/or total station (TS) to be used for boundary demarcation & digitization. (Following the rule of 'Marks' or 'Monuments' before Measurement).
- Ground control points (GCPs) made by SOI should be treated as first reference for any demarcation & digitization.
- UTM projection in WGS-84 datum to be adopted for such boundary digitization.
- Involvement of Revenue & Panchayat officials during such demarcation & digitization exercise.
- Use of Remote sensing imageries for preliminary survey for reconnaissance.

The system of forest land record-keeping also needs to migrate to a modern system to compile maps, records & data relating to forest land in digital form to be able viewing & analysis of such land in conjunction with several possible land use possibilities to provide a decision support system on scientifically prudent land use decision.

In Odisha, most of the forest blocks were surveyed at the time of notification of forest blocks under the Indian Forest Act, 1927/Odisha Forest Act 1972 and the available maps are traverse polygons without any geo-referencing and in many cases do not show numbered boundary pillars. Even essential thematic features such as drainage, roads, and contour are not depicted in these maps. These maps cannot be correctly interpolated on the topographic maps and satellite imageries. The old notifications of RFPT blocks give the boundary description in approximate terms and are, therefore, imprecise. Some notified areas do not even have a chart-compatible surveyed maps and notifications are supported with more hand-drawn maps.

Limitations in such maps are:

- Inaccuracy in angle and distance measures.
- Absence of thematic features such as roads, rail-crossings, irrigation data, etc.
- Absence of geodetic coordinates, making it difficult to cross-refer & analyze with respect to satellite imagery, toposheets, forest cover maps and other geo-referenced maps.
- Map does not depict existing encroachments such as, encroachments, nearby habitations, settlements after date of notification, etc.

Effective implementation of Forest Conservation Act necessitates availability of accurate maps for each parcel of land that may be defined as forest land: such as Notified forest, revenue forest, DLC forest, etc (as per Supreme Court Guidelines) but in many cases supporting maps for these parcels are not available with State Forest Department. Even though they can be referred from revenue cadastral map in some cases, geo-referenced map of such land as required for verification & monitoring is not available. Similarly, there is a requirement to map un-surveyed areas with Tree Cover, which are deemed to be forest land. Therefore, there is a need to create a database of geo-referenced forest area maps in digital format in the State Forest Department and place it in GIS platform for required analysis. Accordingly, the following Objectives and Scope are defined:

1. Objective and Scope of the Work

1.1. Confirmation and demarcation of Forest Boundaries in the field

- a. Preparation for the DGPS Survey will necessitate (i) Study of Register of Notified Areas/Pillar Register/Forest Block Maps (ii) Creation of a geo-referenced database regarding Boundaries each plot of land that may be defined as forest for the purpose of the FCA 1980 (iii) the core buffer and eco-sensitive zone of the protected areas constituted as per the provisions of the Wildlife (Protection) Act, 1972 (iv) the important migratory corridors for wildlife, (v) the forest land diverted for non-forest purpose in the past in the district. Unreferenced and Geo-referenced Open Series Toposheets from Survey of India and Forest Cover maps will form the base layers for and will be put on a geo-referenced Platform for analysis and preparation of required outputs for DGPS Survey.
- b. Geo-referencing village maps with reference to high resolution satellite imagery (HRSI) and extraction of forest block, village boundary and DLC Forest areas as per Satoh and HAI, records of the Revenue department. These will be authenticated and obtained from ORSAC, Bhubaneswar.

- c. Collection of geo-coordinates/maps of all land parcels for which RoR have been issued under the Forest Rights Act 2006 and their vectorization and geo-referencing on GIS Platform based on information from geo-coordinates collected during settlement of rights or geo-referenced maps authenticated by Tribal Welfare Department.
- d. Identification of DUC Forest areas, having an area of above one hectare and 25% crown density on GIS Domain and HRSI will be considered for the GPS Survey for ground verification. This will be certified by the concerned Tahsildar. Unique numbering system of HAL records by Revenue Department will be followed for numbering un-surveyed lands with Forest Cover of more than 25% and greater than 1 Hec area under the control of Revenue Department.
- e. Transfer of such generated geo-referenced map/forest block boundary as shape file through GPS device.
- f. Navigation in the field with the above pre-loaded boundary layer to locate forest boundary pillar positions.
- g. Simultaneous/Joint verification of such located pillar positions by the officials of Revenue and Forest Department and confirmation of pillar position. A minute of the process of joint verification for each forest block shall be drawn up with signature of all participating officials.
- h. The 334 numbers of Forest Blocks falling under Bonal, Keonjhar, Keonjhar Wildlife Sanctuary and Bargarh Forest Divisions which were surveyed through DGPS in a similar exercise taken up during 2010-11 will be excluded from the present scope of work and will be taken up after reconciliation of defects observed in the work executed.

1.2. DGPS survey at confirmed pillar positions/Encroachment, if any

- a. Study Area of Interest and Establish Primary Ground Control Points.
- b. Establish Secondary Ground Control Points.
- c. DGPS Survey of other pillar positions.
- d. DGPS Survey of encroachment and Forest Rights Area along boundary. 4 km.
- e. Quality check of DGPS data by QRSAC, Bhubaneswar.
- f. Preparation of Draft map.
- g. Finalize Maps and boundary description (1:10,000).

- h. Draft notification with description, area statements, etc.

2. Approach and Methodology

2.1. Preparation for DGPS Survey

a. Data Definition

This shall involve collection of Register of notified areas, pillar registers, notifications, forest blocks maps, Ground Control Point (GCP) details, satellite image, / ortho-image, Open Series Maps(OSM), working plan maps, Forest Rights RoR Maps, Cadastral maps etc.

b. Creation of Spatial Data Geo-referencing System

This shall involve digitization of forest block boundary drawn on top-sheet (management map) and then spatially correcting the boundary vector with respect to ortho-image, hereafter referred to as management map vector. It also involves extraction of village/forest block boundary vector from the measured cadastral village maps and geo-referenced with ortho-image or MRCI hereafter referred to as cadastral vector.

c. Computation and Comparison of Forest Block Area

Forest block area will be computed from management map vector and also from cadastral vector. Such computed area will be compared with the area recorded in the notification. In case of significant deviation in area it shall be the responsibility of the concerned Divisional Forest Officer to reconcile the figure taking into account past forest land alterations/ village settlement records, if any.

2.2. Joint Verification & Confirmation of Boundary Pillars by Forest & Revenue Department Officials

- a. A Committee shall be constituted at each Forest Range level comprising the Range Officer, Forester and local Revenue Inspector. The representative of the Technical Partner (TP) shall be a co-opted member of the committee.

- b. The Principal Chief Conservator of Forests, Odisha, will select the TP through open bid process. There may be more than one TP appointed for each Forest Division.

TP is a firm/company having competence and adequate infrastructure for undertaking DGPS survey.

- c. The TP will apprise the other members of the Committee the process of generation of forest/forest boundary as explained at paragraph

- 1.1.b, 1.1.c, 1.1d and 1.1e above. The TP shall navigate, in the company of other Committee members, in the field with the pre-loaded forest/village boundary layer in a handheld GPS device, to locate boundary and positions of pillars including ring out areas, if any.
- d. The Committee shall verify and jointly verify pillar positions. If required as per the joint verification of the Committee, the existing pillars may be shifted to certified position wherever necessary or new pillar may be constructed in case of missing pillars.
- e. The Committee shall carry a reference boundary map of the forest block generated during the desk study, make field verification of boundary pillar positions and confirm their locations with pillar number in accordance with the notification. Geo-coordinates of each certified pillar locations are to be collected by the team with the help of a handheld GPS device.
- f. On completion of traverse and verification of forest block boundary, the Committee shall submit a report along with the reference map showing all the pillar positions. The certified pillar locations are to be marked and painted with Pillar Nos. so as to avoid any confusion during the DGPS survey. The Pillar numbers with descriptions are to be maintained in the pillar register.

2.3. Settlement of Disputes

- a. There may be instances of dispute between Forest Department and Revenue Department officials in regard to pillar positions or encroachment in Reserved Forest or notified forest blocks.
- b. The field level Committee shall mention such disputes in their report. The report will be considered in a meeting of the concerned Tahsildar and Divisional Forest Officer and disputes will be resolved. Field positions will be corrected as per the decisions taken in the meeting in which the village elders and concerned land owners under Forest Rights Act, 2005 will also be involved. It will be the joint responsibility of the Revenue and Forest officials to rectify the respective townships under their jurisdiction after settlement of disputes.
- c. Unresolved disputes, if any, recorded in the minutes of the meeting jointly signed by the Tahsildar and Divisional Forest Officer, will be placed before the District Level Forest Coordination Committee

(DLFC). Additional District Magistrate, Settlement Officer & Tahasildar concerned shall be members of the Committee for such matters. Decision of the Committee shall be final. Field positions will be corrected as per the decision taken in the DLFC meeting.

d. The District Level Forest Commission Committee constituted in pursuance of letter no. 18029 dated 12.09.2013 of the Forest & Environment Department, Government of Odisha with Tahasildars of the district as co-opted members shall make periodic review of the progress and initiate appropriate measures for early completion of the exercise.

2.4. DGPS survey of certified pillar positions along Forest Boundary

1. A network of Forest Primary Control Points (FPCP) shall be established to cover the area of interest. Such control points shall be located in a 30 km approximately equilateral triangular grid and established in forest establishment premises as far as possible.
2. A network of Forest Secondary Control Points (FSCP) shall be established on forest boundaries preferably on certified pillar positions at an interval of 5 km or more by distance, subject to a maximum of 25 such points per forest tract.
3. Available primary ground control points and secondary control points established by ORSAC / Revenue Department in the region shall be taken as Forest Primary Control Point (FPCP) and Forest Secondary Control Point (FSCP) respectively.
4. TP shall study Area of Interest and assess requirement establishment or extension of Network of Ground Control Points taking into consideration the availability of PCPs and SCPs and prepare a plan on the map of the area of interest and get it approved from the GIS wing of the dt. PDCR, Odisha. The plan shall indicate the existing PCPs and SCPs and new FPCPs and FSCPs to be established.
5. New FPCPs shall be established by taking reference to the available PCPs & new FSCPs with reference to SCPs respectively. Such points of survey of these shall be retained in case of unavailability of PCPs/reserve PCPs.
6. All new FPCPs and FSCPs shall be monumented in the following manner:

- a. A cement concrete block of dimensions 3'x2'x2' will be constructed with 2" embedded in the soil
- b. Geo-coordinates of the position shall be engraved over the block surface and text painted in black ink.

Technical Prescription for GCP

FPCP: Observation of geo-coordinates of any Forest Primary Control Point shall be done on the basis of simultaneous observation with respect to two known points for duration of 4 hours.

FSCP: Observation of geo-coordinates of any Forest Secondary Control Point shall be done on the basis of simultaneous observation with respect to two known points for duration of half an hour.

1. DGPS Survey of Certified Pillar Positions

DGPS observed coordinates of confirmed pillar positions should be collected in Post-Processed Kinematic (PPK) mode with simultaneous reference to a permanent reference station established within a maximum distance of 50 Km and one of the FPCP or FSCP.

2. Quality Control of DGPS Survey

All the job data collected through DGPS device shall be quality checked by GPC/FC using standard procedure. In case of doubtful data, re-observation shall be undertaken. If necessary, a sample check in the next will be undertaken to assure the accuracy of observed data. After necessary quality checking the data will be available for mapping in GIS platform.

2.5. Preparation of map

1. A draft map will be prepared on the basis of DGPS surveyed data along with some basic thematic layers derived from satellite images and handed over to the concerned Divisional Forest Officer for a final round of checking at his level. One copy of the draft map will also be submitted to the Tehsildar for exhibition at the Gram Panchayat Office for inviting claims related to the. Hearing and disposal of claims shall be undertaken jointly by the LFC and Tehsildar. Land parcel Maps (LPM) for the Forest Rights Act areas in Notified Forest Blocks under the ownership of Forest Department will be generated by the Technical partner and also submitted to the Gram Panchayat for resolution of disputes if any.

2. After going through the process allowing a maximum time of 15 days making objections, stated just above, the final version of forest block boundary map will be generated both in soft and hard versions.

2.5. Preparation of Draft Notification

1. A proposal for re-notification of the Forest Block shall be prepared by the concerned District Forest Officer with the final version of map along with a statement of geo-coordinates of pillar positions and computed area and submitted to higher authorities.

2. PCCF shall compile division-wise proposals and recommend it to the Government for re-notification.

3. The soft and hard copy of the re-notified forest block will be made available with the Local Taxler and Collector.

3. Implementation of the program

It is planned to cover all the forest blocks of the State in a period of 5 years commencing from FY 2017-18. Funds available under CAMPA source will be employed to implement the scheme. Technical Partners will be involved in the implementation. The District Forest Officer/Forest Department will request appropriate financial assistance. Selection of Technical Partner will be done through proposal based process.

(Approval of Hon'ble Chief Minister, Odisha has been obtained in OSWAS file FE-DIV/550-0011-2016 on dt. 21.0.2017.)

Ordered that this resolution be published in the special gazette of Government of Odisha.

By order of Governor

(Suresh Chandra Mohapatra)

Additional Chief Secretary to Government

