

Government of Punjab
Department of Forest & Wildlife Preservation
O/o Principal Chief Conservator of Forests
Forest Complex, Sector-6B, Sahibzada Ajit Singh Nagar

To

The Chief Executive Officer,
National Authority (CAMPA),
Ministry of Environment, Forests & Climate Change,
Government of India, Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 110 003.

No. State Authority /2022-23/ SPL / 645

Dated: 25-05-2022

Subject: Annual Plan of Operations of 2022-23 of Punjab Compensatory Afforestation Fund Management & Planning Authority.

The Annual Plan of Operations for 2022-23 was approved by the Steering Committee of Punjab Compensatory Afforestation Fund Management & Planning Authority in its meeting held on 18.05.2022 under the Chairpersonship of Chief Secretary, Punjab. The proceedings of the meeting of Steering Committee have been Issued vide letter No. SPL/632-43 dated 25.05.2022. The APO has been prepared keeping in view the Compensatory Afforestation Fund Act, 2016, the Compensatory Afforestation Fund Rules, 2018 and general instructions for the preparation of the APO by National Authority from time to time. The APO for 2022-23 is forwarded along with the proceedings of the meeting of Steering Committee (**Annexure-A**). The total outlay on various forestry and wildlife activities of APO 2022-23 is Rs. 239.93 Crore.

It is further certified that:-

- i) only permissible activities have been included in the APO as per CAF Rules, 2018.
- ii) all the proposed site specific activities under Compensatory Afforestation have been approved by Govt. of India.
- iii) the sites proposed in the APO 2022-23 are under the administrative control of Forest Department. The same has been prepared in consultation with concerned Gram Sabhas/Village Forest Management Committees and is in consonance with the scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006. The Chief Wildlife Warden, Punjab has certified that all activities of Wildlife wing in current APO are as per the provisions of approved Management Plans.

It is further informed that a total of 11496 ha. of site specific Compensatory Afforestation has been achieved from 2010-11 to 2021-22 and in this year additional area of 864.127 ha. is included under CA. Afforestation and allied activities under NPV has been

achieved for 31321 ha. area from 2010-11 to 2021-22 and in this year additional area of 5022 ha. is included under NPV.

It is requested that the APO for the year 2022-23 with a total financial outlay of Rs. 239.93 Crore may kindly be approved at the earliest so that afforestation and allied works proposed in the APO may be achieved in a time bound manner.

Encls: As Above.


Principal Chief Conservator of Forests (HoFF)
Punjab, Sahibzada Ajit Singh Nagar.

Endst No. State Authority /2022-23/

Dated....

A copy is forwarded to:-

1. PS to Chief Secretary, Government of Punjab for information of Worthy Chief Secretary, Punjab.
2. Additional Chief Secretary (Forests), Department of Forests and Wildlife Preservation, Punjab, Chandigarh for information.


Principal Chief Conservator of Forests (HoFF)
Punjab, Sahibzada Ajit Singh Nagar.

Proceedings of the Meeting of the Steering Committee of the Punjab Compensatory Afforestation Fund Management and Planning Authority for the Year 2022-23 held on 18.05.2022 under the Chairmanship of Shri Anirudh Tewari, IAS, Chief Secretary, Government of Punjab.

A meeting of the Steering Committee of the State Authority was held on 18.05.2022 under the chairmanship of the Chief Secretary, Punjab.

A list of the participants in the meeting is placed at Annexure-A.

ITEM-1: Confirmation of the minutes of the previous meeting of the Steering Committee held on 04.05.2021.

No comments were received in respect of the circulated minutes of the previous meeting (held on 04.05.2021). Hence, the minutes were taken as confirmed by the Steering Committee.

ITEM-2: Physical and financial progress of the Annual Plan of Operations 2020-21.

The physical and financial progress report for the period from 01.04.2020 to 31.03.2021 (Annexure-B) was presented before the Committee. The Steering Committee noted and approved the same.

ITEM-3: Physical and financial progress of the Annual Plan of Operations 2021-22.

The physical and financial progress report for the period from 01.04.2021 to 31.03.2022 (Annexure-C) was presented to the Steering Committee. The Steering Committee noted and approved the same.

Item: 4 To consider the proposed Annual Plan of Operations for the year 2022-23.

The Chief Executive Officer, State Authority (CAMPA) presented the proposed Annual Plan of Operations (APO) before the Steering Committee. The Annual Plan of Operations of the State Authority (CAMPA) for the year 2022-23 as prepared by the Executive Committee has an outlay

Ravleen Kumar
25/5/2022

of Rs. 239.93 crores and was placed before the Steering Committee for approval.

During the discussion on the proposed APO of 2022-23, the Chairperson appreciated the work of the Forest Department in increasing the green cover in the State by undertaking required afforestation along with other activities. The Chairperson invited other members of the Steering Committee to give their suggestions. After considering the suggestions received from the members the following directions were given:

- a. To explore the synergy among Departments of Forests, Soil Conservation, Horticulture, Agriculture and NHAI for undertaking works in a mutually beneficial manner and to avoid wasteful duplication of activities, a separate meeting may be held between the Departments of Forests and Department of Soil Conservation to execute soil conservation works in Kandi area on the basis of watershed approach. Similarly, the Department of Forests, Horticulture and NHAI may work out the possibility of planting appropriate tree species conducive to apiculture and sericulture in the State, in the overall interest of Punjab's farmers. To enhance the area under Tree outside Forest (ToF), Departments of Forests and Agriculture need to develop a common strategy.
- b. The plant nurseries of the Department under CAMPA should be modernized by employing effective technologies like installation of drip irrigation, solar appliances, mist chambers, root trainers etc. In order to enhance the survival percentage of plantations, tall plants of optimum height and appropriate girth may be raised in such nurseries.
- c. State Authority should constitute an Expert Committee to visit and catalogue the plantation showing very high survival percentage in order to replicate these good practices.

Ravinder Kumar
25/5/2022

After detailed deliberation, the Steering Committee approved the Annual Plan of Operations for 2022-23, placed at Annexure-D with a financial outlay of Rs. 239.93 crore. The Steering Committee also directed the State Authority to immediately forward the same to the National Authority, Government of India, New Delhi.

Item:5 Sanction of Posts In State Authority

The Steering Committee accepted the proposal of requirement of posts as per agenda. It was decided that the Department of Forests would obtain the requisite concurrence from the Finance Department before bringing the proposal to the Chief Secretary-cum-Chairman of the Steering Committee.

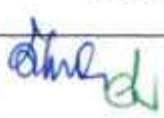
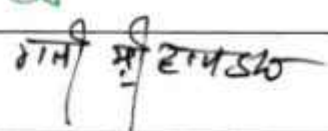








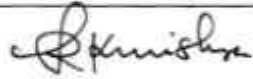


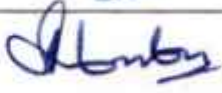
The meeting ended with a vote of thanks to the chair.

Ravleen Kumar
25/5/2022

Attendance Sheet of meeting of Steering Committee, State Authority, Chaired by Worthy Chief Secretary, Punjab on 18.05.2022 in Committee Room, Punjab Civil Secretariat, Chandigarh

Sr. No	Name	Designation & Department	Signature / Email
1	Savitri Singh K A P Jindal	ACS (D) ACS (F)	
2	Rajiv P. Shrivastava	ACS (Forests)	
3	Manoj Prasad	PCS - FCA	
4	Anil Kumar	JDC, Rural Dev.	
5	RASHI PRASHAR	Sp. Dy Forest.	
6	Rajiv Ram Singh	DGF, IRO, Chandigarh	
7	Ravinder Singh	TO (Forestry) Gr-I	
8	Rahul Tewari	Secy. S, T & Env.	
9	D.S. Mangat	In Planning	
10	Saurabh Gupta	APCCF (FCA) & Nodal officer	
11	Raman Kant Mishra	PCCF & chief Wildlife Warden, Punjab	
12	Ramesh Kumar	DCF (PFF)	
13	MOHIT TEWARI	SSF, F.D.	
	Vishal Chankhori	Jr CEO, CAPRA	

**Attendance Sheet of meeting of Steering Committee, State Authority, Chaired by
Worthy Chief Secretary, Punjab on 18.05.2022 in Committee Room, Punjab Civil
Secretariat, Chandigarh**

Sr. No	Name	Designation & Department	Signature / Email
1	Saavjit Singh K A P Simha	ACS (CD) ACS (F)	
2	Raji P. Shrivastava	ACS (Forests)	
3	Anurag Agarwal	ACS - FCR	
4	Anif Kumar	JDC, Rural Dev.	
5	RASIV PRASAD	Spl. Dy Forcat.	
6	Rajiv Ram Singh	DAF, IRO, Chandigarh	
7	Ravinder Singh	TO (Forestry) Gr I	
8	Rahul Pansari	Secy. S, T & Env.	
9	D.S. Mangat	Secy Planning	
10	Saurabh Gupta	APCCF (FCA) & Nodal officer	
11	Raman Kant Mishra	PCCF & chief Wildlife Warden, Punjab	
12	Ramesh Kumar	DAF (PFF)	
13	MOHIT TEWARI	SSF, F.D.	
	Vishal Chankon	JRCBO, CAMPA	

Physical and Financial Progress Report for the year 2020-21 (CAMPA)						
Sr. No.	COMPONENTS	Physical Target (In Ha.)	Physical Achievement (In Ha.)	Financial Target (Rs. in Lakh)	Financial Achievement (Rs. in Lakh)	Annexure No. of APO
i)	Compensatory Afforestation in Degraded Forests, on Non Forest Land Category and Penal CA	Plantation-316.945 Maitenance-7243.425	Plantation-294.590 Maintenance-7243.425	1605.31	1353.43	1-A
ii)	Compensatory Afforestation in Alkaline Areas	Plantation-15.169 Maitenance-467.145	Plantation-15.169 Maintenance-467.145	72.45	62.98	1-B
iii)	Compensatory Afforestation in waterlogged areas	Plantation-2.224 Maitenance-70.343	Plantation-2.224 Maintenance-70.343	11.64	8.88	1-C
iv)	Enrichment Plantation under CA	Plantation-0 Maitenance-115.301	Plantation-0 Maintenance-115.301	21.43	19.60	1-D
v)	Additional Compensatory Afforestation (Tall Plants)	Plantation with Tall Plants-104387 (Nos) Maitenance of Tall Plants-352414 (Nos)	Plantation with Tall Plants-104375 (Nos) Maintenance of Tall Plants -352414 (Nos.)	718.17	638.43	1-E
vi)	Other Activities under CA (Patrolling, Protection and Monitoring related equipments)	Ls	Ls	718.03	31.91	1-F
vii)	Entry Point Activities	Ls	Ls	48.59	0.00	1-G
	Sub Total CA (A)	Plantation-334.338 ha. Maitenance-7896.214 ha. Plantation with Tall Plants-104387 (Nos)	Plantation-311.983 ha. Maintenance-7896.214 ha. Plantation with Tall Plants-104387 (Nos)	3195.62	2115.23	
2	Activites to be under taken from NPV and Interest components					
	Activities (Not less than 80% of NPV Cost)					
a	Artificial regeneries (by plantations)					
i)	Rehabilitation of Degraded Forest Area (Plantation) (80% of NPV)	Plantation-2635 Maitenance-5439.5	Plantation-2625 Maintenance-5439.5	4294.75	3901.57	2
ii)	Enritchment Plantation	Plantation-1765 Maitenance-3022	Plantation- 1715 Maintenance-3022	1771.06	1572.99	3
iii)	Plantation in Waterlogged area	Plantation-18 Maitenance-40	Plantation- 18 Maintenance-40	39.80	35.19	4
iv)	Plantation in Alkiine area	Plantation- 100 Maitenance-105	Plantation-100 Maintenance-105	202.72	186.93	5
v)	Aveveue Plantation	Plantation with Tall Plants-100000 (Nos) Maitenance of Tall Plants-0 (Nos)	Plantation with Tall Plants-100000 (Nos) Maintenance of Tall Plants-0 (Nos)	238.80	206.73	6
vi)	Special Projects for Afforestation	Ls	Ls	110.00	51.74	7

Physical and Financial Progress Report for the year 2020-21 (CAMPA)

Sr. No.	COMPONENTS	Physical Target (In Ha.)	Physical Achievement (In Ha.)	Financial Target (Rs. in Lakh)	Financial Achievement (Rs. in Lakh)	Annexure No. of APO
vii)	Silvicultural operations in forests , Soil and Moisture Conservation works in the Forest (80% of NPV)	Dry Stone 19000 m3 Single live hedge 107 KM Brush wood check 22700 Mtr Crate wire 16000 m3 Cement Masonry 7500 m3 Creation of new water bodies/ponds 5 No.	Dry Stone 19000 m3 Single live hedge 103 KM Brush wood check 22700 Mtr Crate wire 9500 m3 Cement Masonry 4000 m3 Creation of new water bodies/ponds 4 No.	1082.50	716.28	8
	Protection of plantation and Forest, Forest Fire prevention, control operations and Pest & Disease control in Forest (80% of NPV)	Ls	Ls	1239.56	608.57	9
	Supply of wood saving cooking appliances and other forest produce saving devices in forest fringe villages.(With in 2 Kms from the forest boundaries) of Kandi area of the State (80% NPV)	Cooking Gas connection 9000 No. Community Solar Cookers 180 No Solar lights on village Phirnis 600 No.	Cooking Gas connection 7481 No. Community Solar Cookers 182 No Solar lights on village Phirnis 788 No.	326.70	280.25	14A
	Biodiversity Management in Wildlife	Ls	Ls	1165.27	944.09	15
	Sub Total (80% of NPV) (B)	Plantation-4518 Maitenance-8606.50 Plantation with Tall Plants-100000 (Nos)	Plantation-4458 Maitenance-8606.50 Plantation with Tall Plants-100000 (Nos)	10471.16	8504.34	
3	Activities for the forest and wildlife management out of 20% of NPV					
a	Construction of residential and official buildings in forest for Frontline staff up to the rank of Range officers deployed for protection of forest and wildlife, Construction , up-gradation and maintenance of inspection paths, forest roads in forest area, fire lines, watch towers, check posts and timber depots	Ls	Ls	283.00	153.08	10
b	Survey and mapping of forest area for forest fire control compensatory afforestation works and wildlife management for preparing Annual Plan to be executed form State Fund, Independent concurrent monitoring and evaluation and third party monitoring of various works under taken from State Fund	Ls	Ls	390.00	111.35	11
c	Establishment, up-gradation and maintenance of modern nurseries and other planting stock production facilities for production of quality planting material	Ls	Ls	211.49	88.14	12
d	Purchase and maintenance of equipment or devices used for communication and information technology for the purpose of protection of forest and wildlife	Ls	Ls	150.00	9.92	13
e	Publicity cum awareness programme and exhibition on various schemes being implemented by the State Authority from State Fund and Capacity building of personell involved in utilization of State Fund	Ls	Ls	181.50	11.15	14

Physical and Financial Progress Report for the year 2020-21 (CAMPA)

Sr. No.	COMPONENTS	Physical Target (In Ha.)	Physical Achievement (In Ha.)	Financial Target (Rs. in Lakh)	Financial Achievement (Rs. in Lakh)	Annexure No. of APO
f	Biodiversity management in Wildlife	LS	LS	231.29	173.84	16
	Sub total (20% of NPV) (C)			1447.28	547.48	
	Sub Total NPV (B)+ (C)			11918.44	9051.82	
4	Activities out of 60% of interest accrued on deposit in State Fund	LS	LS	281.00	63.26	17
5	Activities out of 40% of interest accrued on deposit in State Fund	LS	LS	140.00	15.90	18
	Sub total (out of interest) (D)			421.00	79.16	
	Total (NPV 80%+20%NPV+Interest)					
	Grand Total (A+B+C+D)			15535.06	11246.21	
6	Outstanding Liabilities of the Year 2019-20 (Compensatory Afforestation & NPV)	LS	LS	2250.00	1613.05	19
	Grand Total (APO 2021 +Outstanding Liabilities)			17785.06	12859.26	

Physical and Financial Progress Report of State Authority (CAMPA) for the year 2021-22

Sr. No.	COMPONENTS	Physical Target	Physical Achievement	Financial Target	Financial Achievement (Rs. in Lakh)	Annexure No. of APO
i)	Compensatory Afforestation Degraded Forests (Forest Land)	Plantation-564.068 ha. Maintenance-7495.102 ha.	Plantation-518.418 ha. Maintenance-7495.102 ha.	2387.18	1749.11	1-A
ii)	Compensatory Afforestation in Penal CA (All category)	Plantation-9.365 ha. Maintenance-5.281 ha.	Plantation-9.365 ha. Maintenance-5.281 ha.	25.36	7.12	1AA
iii)	Compensatory Afforestation On Non Forest Land Category (All category)	Plantation-0 Maintenance-13.100 ha.	Plantation-0 Maintenance-13.100 ha.	5.91	5.85	1AB
iv)	Compensatory Afforestation in Alkaline Areas	Plantation-1.900 ha. Maintenance-482.278 ha.	Plantation-1.900 ha. Maintenance-482.278 ha.	33.91	30.12	1-B
v)	Compensatory Afforestation in waterlogged areas	Plantation-2.232 ha. Maintenance-71.815 ha.	Plantation-0.232 ha. Maintenance-71.815 ha.	6.98	4.64	1-C
vi)	Afforestation in Enrichment Plantation under CA	Plantation-115.080 ha. Maintenance-115.301 ha.	Plantation-115.080 ha. Maintenance-115.301 ha.	368.76	316.36	1-D
vii)	Additional Compensatory Afforestation	Plantation with Tall Plants-17702 (Nos) Maintenance of Tall Plants-456801(Nos)	Plantation with Tall Plants-16678 (Nos) Maintenance of Tall Plants-456801	535.69	513.16	1-E
viii)	Patrolling, Protection and Monitoring related Equipment.	LS	LS	1336.75	255.29	1-F
ix)	Entry Point Activities and soil & moisture conservation works	Dry Stone masonry check (m3) 3000 Crate wire Structure (m3) 2000 Cement Masonry Structure (m3) 1000	Dry Stone masonry check (m3) 3000 Crate wire Structure (m3) 2000 Cement Masonry Structure (m3) 1000	264.31	197.87	1-G
	Sub Total CA (A)	Plantation 692.645 ha. Maintenance 8194.982 ha Plantation (Tall plant) 17702 (No.s) Maintenance (Tall plant) 456801 (Nos.)	Plantation 644.995 ha. Maintenance 8194.982 ha Plantation (Tall plant) 16678 (Nos.) Maintenance (Tall plant) 456801 (Nos.)	4964.85	3079.52	
2	Activities to be under taken from NPV and Interest components					
	Activities (Not less than 80% of NPV Cost)					
a	Artificial regeneration (by plantations)					
i)	Artificial Regeneration Rehabilitation of Degraded Forest Areas (Plantation)	Plantation-2708 ha. Maintenance-6724 ha.	Plantation-2708 ha. Maintenance-6724 ha.	5892.12	5307.12	2
ii)	Artificial Regeneration Enrichment Plantation	Plantation-2120 ha. Maintenance-4374 ha.	Plantation-2120 ha. Maintenance-4374 ha.	2887.56	2574.85	3
iii)	Artificial Regeneration Plantation in Waterlogged Areas	Plantation-29 ha. Maintenance-58 ha.	Plantation-29 ha. Maintenance-58 ha.	75.04	65.90	4
iv)	Artificial Regeneration Plantation in Alkaline Areas	Plantation-75 ha. Maintenance-205 ha.	Plantation-75 ha. Maintenance-205 ha.	226.39	203.07	5
v)	Artificial Regeneration Plantation With Tall Plants along major roads	Plantation with Tall Plants-315500 (Nos) Maintenance of Tall Plants-100000 (Nos)	Plantation with Tall Plants-308500 (Nos) Maintenance of Tall Plants-100000 (Nos)	889.21	802.60	6
vi)	Artificial Regeneration Irrigated Bamboo Plantation in Forest area	Plantation-145 ha. Maintenance-0	Plantation-145 ha. Maintenance-0	392.95	329.60	7

Physical and Financial Progress Report of State Authority (CAMPA) for the year 2021-22

Sr. No.	COMPONENTS	Physical Target	Physical Achievement	Financial Target	Financial Achievement (Rs. in Lakh)	Annexure No. of APO
vii)	Silvicultural operations in forests . Soil and Moisture Conservation works in the Forest	Dry Stone masonry check (m3) 23000 Single line live hedge (KM) 125 Brush wood Checkdam (mtr) 17892 Crate wire Structure (m3) 14300 Cement Masonry Structure (m3) 12250 Creation of new water bodies/ Ponds (Nos.) 6	Dry Stone masonry check (m3) 22000 Single line live hedge (KM) 125 Brush wood Checkdam (mtr) 17892 Crate wire Structure (m3) 13679 Cement Masonry Structure (m3) 11091 Creation of new water bodies/ Ponds (Nos.) 6	1730.04	1461.67	8
viii)	Protection of plantation and Forest, Forest Fire prevention, control operations and Pest and disease control in Forest	Ls	Ls	1680.17	1013.30	9
ix)	Supply of wood saving cooking appliances and other forest produce saving devices in forest fringe villages. (With in 2 Kms from the forest boundaries) of Kandi area of the State	0.00	0.00	0.00	0.00	14
x)	Biodiversity Management in Wildlife	Ls	Ls	981.61	879.66	15
Sub Total (80% of NPV) (B)				14755.09	12637.76	
3 Activities for the forest and wildlife management out of 20% of NPV						
a	construction of residential and official buildings in forest for Frontline staff up to the rank of Range officers deployed for protection of forest and wildlife, Construction , up-gradation and maintenance of inspection paths, forest roads in forest area, fire lines, watch towers, check posts and timber depots	Ls	Ls	184.49	100.85	10
b	Survey and mapping of forest area for forest fire control compensatory afforestation works and wildlife management for preparing Annual Plan to be executed from State Fund, Independent concurrent monitoring and evaluation and third party monitoring of various works under taken from State Fund	Ls	Ls	365.00	99.05	11
c	Propagation of nursery stock for plantation by public and other institutions	Ls	Ls	0.00	0.00	12
d	Establishment, up-gradation and maintenance of nurseries and other planting stock production facilities for production of quality planting material	Ls	Ls	41.00	40.59	12-A
e	Purchase and maintenance of equipment or devices used for communication and information technology for the purpose of protection of forest and wildlife	Ls	Ls	141.25	73.46	13
f	Publicity cum awareness programme and exhibition on various schemes being implemented by the State Authority from State Fund and Capacity building of personnel involved in utilization of State Fund	Ls	Ls	105.29	46.17	13A
g	Biodiversity management in Wildlife	Ls	Ls	356.21	242.23	16
Sub total (20% of NPV) (C)				1193.24	602.35	
Sub Total NPV (B)+ (C)		Plantation 5401 ha. Maintenance 11361 ha Plantation (Tall plant) 315500 (Nos.) Maintenance (Tall plant) 100000 (Nos.)	Plantation 5077 ha. Maintenance 11361 ha Plantation (Tall plant) 308500 (Nos.) Maintenance (Tall plant) 100000 (Nos.)	15948.33	13240.12	

Physical and Financial Progress Report of State Authority (CAMPA) for the year 2021-22

Sr. No.	COMPONENTS	Physical Target	Physical Achievement	Financial Target	Financial Achievement (Rs. in Lakh)	Annexure No. of APO
1	Activities out of 60% of interest accrued on deposit in State Fund	15	15	180.00	146.15	17
2	Activities out of 40% of interest accrued on deposit in State Fund	15	15	95.00	20.00	18
3	Innovative Projects (40% Out of interest)			618.72	296.18	18-A
	Sub total (out of interest) (D)			893.72	462.33	
	Total (NPV 80%+20%NPV+interest)			16842.05	13702.45	
	Grand Total (A+B+C+D)			21806.90	16781.96	
	Grand Total (APO 2021-22)			21806.90	16781.96	



ANNUAL PLAN OF OPERATIONS
OF
STATE OF PUNJAB
FOR THE FINANCIAL YEAR 2022-23

PUNJAB COMPENSATORY
AFFORESTATION FUND MANAGEMENT
AND PLANNING AUTHORITY

SUBMITTED BY:
DEPARTMENT OF FORESTS AND WILDLIFE
PRESERVATION, PUNJAB

Part-I

Brief History and Past Performance

A. Brief description of forest and forestry sector in the State.

B. Punjab is an agriculture dominated state. About 83 percent of the total geographical area is under agriculture and only 17 percent of the area is under other land uses including forests. In the state, forest areas are owned by Government as well as private individuals and its proportion is about equal. Government forests primarily are in the form of strip forests along roads, canals and railway lines. A few block forests (PFs) also exist in plain areas of Punjab which are known as Birs. Apart from this, Shivalik belt supports natural forests of Khair (*Acacia catechu*) and sissoo (*Dalbergia sissoo*). Although privately owned, its management however vests with the forest department and it is managed as per the approved management plans by GOI.



Map of Punjab showing Forest Cover Prepared on the basis of base data provided by Forest Survey of India 2021

As per the revised classification of Forest types of India by Champion and Seth (1968), forest types of plain area is Sub-group 5-B-Northern Tropical Dry Mixed Deciduous Forests with Sub-type E8 Saline and Alkaline Scrub Savannah owing to edaphic factors. The dominant species in plain area include, Shisham (*Dalbergia sissoo*), Kikar (*Acacia nilotica*), Neem (*Azadirachta indica*), Safeda (*Eucalyptus tereticornis*), Arjan (*Terminalia arjuna*), Mesquite (*Prosopis juliflora*), Drek (*Melia azaderach*), Siris (*Albizia lebbek*), Dhak (*Butea monosperma*), Beri (*Zizyphus mauritiana*), Jand (*Prosopis cineraria*), Rajain (*Holoptelia integrifolia*), Phalahi (*Acacia modesta*), Toon (*Toona ciliata*), Jamun (*Syzygium cumini*), Kaner (*Nerium indicum*), Basuti (*Adhatoda vasica*), Ak (*Calotropis procera*), Bhang (*Cannabis sativa*) etc.

In Shivalik area, forest type is 5B/C2 (Northern dry mixed deciduous forests) which deteriorates at certain places into the category 5B/DS2(dry deciduous Scrub) Khair, Sissoo Forests in foot hills, Bela and Mand areas (type 5/IS2) and Chil Forest on the higher reaches of Shivalik conforming to the forest type 9C/IA (lower Shivalik Chil Pine Forests). The dominant specie in hills area include, Khair (*Acacia catechu*), Shisham (*Dalbergiasissoo*), Kikar (*Acacianilotica*), Mango (*Mangiferaindica*), Chil(*Pinusroxburghii*), Simal (*Bombaxceiba*), Amla (*Emblicaofficinalis*), Rajain (*Holopteliaintegrifolia*), Kembal (*Lannea*

The Indian Forest Act 1927 deals with the subject in 13 Chapters. Although the Indian Forest Act deals specifically with (i) reserved forests; (ii) village forest, viz., reserved forest which have been assigned to any village community; and (iii) protected forests. The preamble and other provisions of the Forest Act are wide enough to cover all categories of forests. This Act is one curtailing proprietary rights of individuals and so the Act and the notifications issued under it must be construed strictly where the rights of individuals are trrenched upon.

coromandelica), Tun (*Toona ciliata*), Phalahi (*Acacia modesta*), Neem (*Azadirachta indica*), Kinu (*Diospyros tomentosa*), Amaltas (*Cassia fistula*), Kangu, (*Flacourtiara montchii*), Dhak (*Butea monosperma*), Sannan (*Ougeinia oojensis*), Wan (*Salvadora oleoides*), Beri (*Zizyphus mauritiana*), Dhaman (*Grewia oppositifolia*), Kachnar (*Bauhinia variegata*), Chhall (*Anogeissus latifolia*), *Ziziphus numularia*, Kuri (*Nyctanthes arboretristis*), Dhavi (*Woodfordia fruticosa*), Panchphulli (*Lantana camara*), Garna (*Carrissa opaca*), Mehndar (*Dodonea viscosa*) etc.

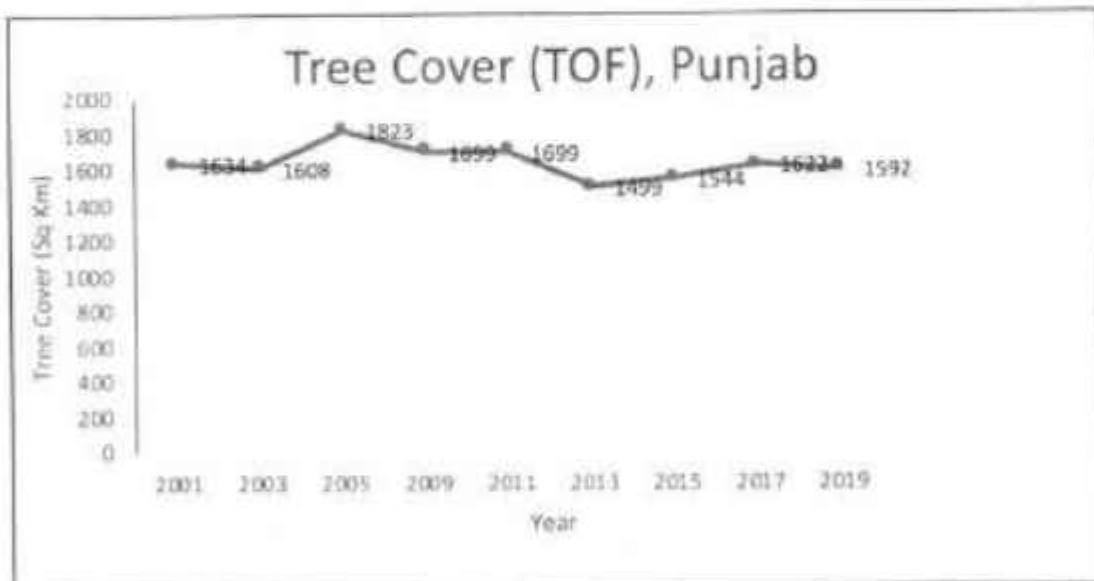
Majority of the forest falls in the category of Protected Forest and some forests are also declared as Reserve Forests. There are 13 Wildlife Sanctuaries, 1 Zoological Park, 3 Small Zoo, 1 Mini Zoo, 4 Conservation Reserves and 4 Community reserves in the state. Detail of forest area under various categories is given in the following table.

Table: 1

Sr. No.	Type of Forests	Area in ha.
(A)	GOVERNMENT FORESTS	
1	Reserve forests	4336.33
2	Protected Forests	
2(i)	Demarcated forests	29,988.20
2(ii)	Un-demarcated forests	8,761.35
2(iii)	Road strips	17,907.87
2(iv)	Rail strips	8,292.95
2(v)	Canal/Drain strips	47,092.43
	Total Protected forests	1,12,042.80
3	Un classed forests.	16,374.02
	Total Government Forests	1,32,753.15
(B)	PRIVATE FORESTS	
4	Under Sec. 4 & 5 of Punjab Land Preservation Act, 1900	1,11,049.91
5	Under Sec. 38 of Indian Forest Act, 1927.	433.12
	Total Private Forests	1,11,483.03
	Grand Total	2,44,236.18

a) Impact of Previous Afforestation works in Punjab:

The Forest Survey of India biennially assesses the forest cover in all the States through Satellite Imagery and publishes State of Forest Report. As per the report for the State of Punjab the trend of Forest Cover and Tree outside Forest (ToF) is as follows:



The forest area of the State has doubled from 943 sq km in 1987 to 1849 sq km in 2019. On an average, there is an increase of 30 sq km of forest area per annum due to the afforestation programs undertaken by the State Forest Department in past and the protection efforts.

The above increase is over and above the tree felling due to developmental works under FCA, 1980, felling as per the Working Plans and felling of trees from areas closed under section 4 and 5 of PLPA, 1900.

Similarly, the area under Trees Outside Forest (ToF) in the State of Punjab has been maintained stably around 1500 to 1600 sq km approximately. To enhance the area under trees outside forest, the Forest Department in the Past and recent years is facilitating the afforestation/tree planting under various schemes in the area

outside the recorded forest like Government land other than forest including Panchayat and agricultural farm lands.

1. Plantation programs dedicated to Sri Guru Nanak Dev Ji 550th birth anniversary - During 2019-20, a total of more than 76 lakh plants corresponding to an area of around 18400 acres (7600 ha) were planted in 12986 villages of Punjab. During 2020-21, more than 60.00 lakh plants have been planted in the state and dedicated to the Sri Guru Teg Bahadur Ji.
2. Sub-Mission on Agroforestry: Under SMAF scheme, which is a demand driven scheme, 163.93 lakh trees corresponding to 18863.45 ha has already been planted since its inception year 2016-17.
3. Green Punjab Mission (GPM): Under the Green Punjab Mission (GPM), planting of trees outside forest area on other government/institutional lands has been carried out over 1526.50 ha till 2020-21. During the current year 2021-22, 380 ha of plantation has been undertaken under this Mission.

b. **Models of Afforestation proposed in the APO 2022-23**

1. **Rehabilitation of Degraded Forests:** - Most of such areas falling under this category are Govt./Panchayat/Community lands. Other areas under the management of the Forest Department such as those along rails, roads, drains, and canals, are also under different stages of degradation. These areas have become degraded due to anthropocentric activities or biotic interferences or as a consequence of natural and climatic factors. Rehabilitation of these areas through plantation of suitable species is essential to bring them under productive use while increasing the green cover of the State. This component is implemented in all the sixteen territorial Forest Divisions of the State to bring all degraded lands under tree cover. The plantations under this model are taken up in strip forests along roads, drains, and canals and block forests of the State. Species such as *Acacia nilotica*, *Dalbergia sissoo*, *Melia azedarach*, *Ailanthus excelsa*, *Toona ciliata*, *Morus Alba*, *Tectona grandis*, *Azadirachta indica*, etc. are planted under this component.
2. **Reclamation of Alkaline Areas:** - In certain districts, (mostly in western and southern parts of the State,) such as Patiala, Sangrur, Mansa, Bathinda, Kapurthala, Ludhiana, Ferozepur, Muktsar, Amritsar etc. there are large patches of saline/alkaline areas in forests. These saline/alkaline patches have developed due to impeded drainage and high water table. The pH of these salt affected soils ranges from 8.5 to 10.5. Kankar pans are also occasionally present in these alkaline patches at varying depths (1 to 1.25 m). In order to increase the tree cover of the State it is essential that other than the conventional areas, available waste land of various categories should also be reclaimed and brought under green cover. These areas, if suitably reclaimed, can be used for maximizing timber production and generating resource for fuel wood and small timber. Planting of *Acacia nilotica*, *Prosopis juliflora* and *Terminalia Arjuna* are done in such areas in pits using soil amendments and by making augur holes to break the kankar pan wherever required. Continuous trenches have been dug in dry areas for providing irrigation to young plantations.
3. **Reclamation of waterlogged Areas:** - Considerable areas in the State (especially along canals, roads, rails, and in community land of the villages) are affected by the problem of water logging. Poor soil drainage and stagnation of water for long periods are the principle causes of the failure of plantations in these areas. To afforest these refractory sites, ridges of suitable size are made parallel to the strips in waterlogged areas and plants are raised on the ridges. The ridges allow the root system to develop in a more effective manner as compared to mounds and the results have been encouraging. Mostly *Terminalia Arjuna*, *Syzygium cumini* and *Eucalyptus tereticornis* etc. species are planted under this model.
4. **Enrichment Planting in Shiwalik Hills:** - The enrichment planting model is implemented in Shiwalik hills in those areas where the vegetation cover is sparse. The objective is to improve the stocking/density of the existing

forests. The areas in Shiwalik hills are in various stages of degradation due to biotic and other pressure. It is, therefore, important that whatever green cover exists, should be conserved and further consolidated into a dense forest to reverse the process of degradation. To fill up the blanks, mostly species, which are native to the area, are planted. These include *Acacia catechu*, *Acacia nilotica*, *Holoptelia integrifolia*, *Dalbergia sissoo*, *Emblia officinalis*, *Mangifera indica* etc. This species mix is also ideal for meeting the needs of the local people for timber and other minor forest produce.

B. Compensatory Afforestation, other forestry related schemes including Wildlife Management in last six years from the State Fund (Physical and Financial) in Tabular Form.

During the period 2016-17 to 2021-22, a total of 26377.832 ha of vacant/ degraded forest land has been afforested to improve the quality of forest under Compensatory Afforestation and afforestation programme from Net Present Value.

The details under this section are depicted in Tables 2, 3 and 4 below:

Table 2: Forest Division wise forestry & other activities carried out in the State in 2016-17 to 2021-22 from the fund received under CAMPA & CAF.

Year and Sub head	Name of Forest Division and area of plantation (ha)																Total
	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankhot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	
2016-17																	
CA	247	101.39	2.621	45.82	189.743	0	323	251	39.113	9.514	65	332	29.788	2.278	16.139	66.61	1721.016
NPV	70	110	175	175	50	81	195	105	135	115	135	110	180	100	112	100	1948
Total	317	211.39	177.621	220.82	239.743	81	518	356	174.113	124.514	200	442	209.788	102.278	128.139	166.61	3669.016
2017-18																	0
CA	64.309	30.863	1.781	8.32	147.763	11.299	220.543	17.489	11.039	0.512	116.134	184.026	65.898	0.72	84.91	72.81	1057.916
NPV	120	78	110	118	95	118	87	110	165	130	100	110	90	83	90	100	1704
Total	204.309	108.863	111.781	126.32	242.763	129.299	307.543	127.489	176.039	130.512	216.134	294.026	155.898	83.22	174.91	172.81	2761.916
2018-19																	0
CA	146.515	95.664	19.444	106.187	77.07	62.214	86.203	54.515	96.91	2.062	73.127	59.8	184.598	74.055	45.54	46.536	1230.44
NPV	87	71	300	114	123	20	108	101	145	139	70	175	95	235	309	240	2332
Total	233.515	166.664	319.444	220.187	200.07	82.214	194.203	155.515	241.91	141.062	143.127	234.8	279.598	309.055	354.54	286.536	3562.44
2019-20																	0
CA	231	24.62	0.1	56.284	347.91	47	28.93	9.98	22	190.25	17.226	5	122.82	72	143.06	3.807	1321.987
NPV	70	300	411	207	50	100	319.5	250	335	110	200	414	283	555	421	545	4570.5
Total	301	324.62	411.1	263.284	397.91	147	348.43	259.98	357	300.25	217.226	419	405.82	627	564.06	548.807	5892.487
2020-21																	0
CA	6.375	31.778	0	125.66	6.215	2.01	28.269	9.58	30.886	19.94	9.41	5.026	3.598	1.537	6.03	25.664	311.978
NPV	250	150	320	110	290	150	338	250	300	225	200	360	395	310	380	430	4458
Total	256.375	181.778	320	235.66	296.215	152.01	366.269	259.58	330.886	244.94	209.41	365.026	398.598	311.537	386.03	455.664	4769.978
2021-22																	0
CA	0	59.418	268.982	100.635	0.2	2.54	4.405	1.115	0	0.04	53.92	17.079	3.796	56.667	74.44	1.758	644.995
NPV	293	148	235	222	349	65	286	184	330	280	231	436	455	520	552	491	5077
Total	293	207.418	503.982	322.635	349.2	67.54	290.405	185.115	330	280.04	284.92	453.079	458.796	576.667	626.44	492.758	5721.995
Total CA & NPV of last 6 year	1605.199	1200.733	1843.928	1388.906	1725.901	659.063	2024.85	1343.679	1609.948	1221.318	1270.817	2207.931	1908.498	2009.757	2234.119	2123.185	26377.832

Table 3

(Rs. In lakh)

Component wise Financial Achievement for the year 2016-17, 2017-18, 2018-19, 2019-20, 2020-21 and 2021-22 under PUNCAMPA project is as under.							
Sr. No.	Components	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	Plantation and maintenance of Compensatory Afforestation	2092.9	2000.85	2675.79	1785.11	2714.27	3079.52
2	Artificial regeneration (by plantations)	2326.17	2302.5	4050.67	3528.4	8329.88	10880.05
3	Avenue Plantations	18.56	0	0	0	206.73	802.60
4	Biodiversity Management in Wildlife Sanctuaries	697.1	703.59	876.55	893.86	1117.92	1121.89
5	Community Awareness and Forestry	87.45	66.46	16.8	0	11.13	46.17
6	Forest and Wildlife Research	70.08	60.79	147.38	100.67	88.14	164.49
7	Infrastructure Development, e-Governance and Capacity Building	111.5	95.5	40.55	4.13	153.08	100.85
8	Capacity building	35.22	24.91	74.22	2.5	0	0
9	Monitoring and Evaluation by Department and an independent outside agency (by FRI, Dehradun)	0	0	0	42.93	111.35	99.06
10	Maintenance of CAMPA accounts, audit fee to A.G, Punjab etc.	111.19	38.69	0	59.14	57.32	46.28
11	New Initiatives of the department	769.41	433.54	103.57	35.11	51.74	296.18
13	Contingency 2%	76.66	32.34	0	0	0	0
14	Adm.Exp. (To be met from interest portion)	110.84	159.71	141.15	20.8	15.90	144.87
	Bank charges & Interest debited by the Bank/TDS	0	0.25	0	0	0	0
	G.Total	6507.08	5919.13	8126.68	6472.65	12857.46	16781.96

Under National Compensatory Afforestation Fund, Nagar Van Udyan has been established in 5 cities of Punjab. The following is the brief of the same. The amount spent on the project upto 31.3.2020 is as under:-

Table: 4

Name of the City	Amount Utilized (Lakh Rs.)
Hoshiarpur	59.00
SAS Nagar	64.77
Ludhiana	16.00
Amritsar	42.46
Bathinda	10.18
Total	192.41

C. Important Forestry and other related schemes (Physical and Financial) and activities carried out therein in the State in previous years from the fund received under these schemes of the government in tabular form.

Table: 5

Sr. No	Name of Scheme	Activities	Year											
			2016-17		2017-18		2018-19		2019-20		2020-21		2021-22	
			Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh) up to 31.03.22
1	Green Punjab Mission (GPM)	1. Nursery Stock												
		a Raising of New Nursery stock (in Lakh)	180.5	866.17	60	340.2	118	604.21	5	42.45	10	68.29	0	0
		b Maintenance of Existing Plants (Old stock) and Tall plants (in Lakh)		390.49	158	712.59	141	414.52	81.46	721.83	83.11	469.02	80.37	338.12
		2. Plantation on Institutional lands (in ha)	115	46.38	104	49.99	500	248.6	385	192.37	141.50	120.78	300	249.31
		3. Other activities Environmental Parks, NHA1 Plantation etc. received fund & CSS	0	1268.59		216.66		752.08	0	644.67		1274.32	--	3030.73
		Total GPM		2571.63		1319.44		2019.41		1601.12		1932.41		3618.16

Sr. No	Name of Scheme	Activities	Year											
			2016-17		2017-18		2018-19		2019-20		2020-21		2021-22	
			Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh) up to 31.03.22
2	FT.21 Conservation, Management and Development of Wildlife in the State	Wildlife Activities	Conservation and restoration of Wildlife Habitats etc. upkeep maintenance and upgradation of Zoos etc.	514.98	Conservation and restoration of Wildlife Habitats etc. upkeep maintenance and upgradation of Zoos etc.	445.08	Conservation and restoration of Wildlife Habitats etc. upkeep maintenance and upgradation of Zoos etc.	587.63	Conservation and restoration of Wildlife Habitats etc. upkeep maintenance and upgradation of Zoos etc.	484.11	Conservation and restoration of Wildlife Habitats etc. upkeep maintenance and upgradation of Zoos etc. 0	581.65	Conservation and restoration of Wildlife Habitats etc. upkeep maintenance and upgradation of Zoos etc.	692.15
3	Ft-32 Grant in aid to State Forest Development Agency for implementation of Sub-Mission on Agroforestry	Promote agroforestry in the state		0	1399.55	250	5270.55	213.33	5287.72	534.08	5624.23	451.10	2563	261.55

Sr. No	Name of Scheme	Activities	Year												
			2016-17		2017-18		2018-19		2019-20		2020-21		2021-22		
			Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh) up to 31.03.22	
4.	Assistance to State Forest Development agency under National Mission for Green for Green India Mission	Plantation and Support activities	1286 Ha.	1013.54	1732ha.	1016.27	0	0	0	0	1100 HA.	655.42	875	552.87	
5	Ft. 33 Ghar-Ghar Haryali	Free supply of plants to the public	0	0	0	0	40.00 lakh plants	389.01	30.00 lakh plants	331.85	15.00 lakh plants	190.43	15.00 lakh plants	192.22	
6	RKVY	Fencing of Wildlife Sanctuaries / Birs to protect crop damage by wild animals.	6 Bir	300		100		28.7	6 Bir	46.12				0	
		Establishment of a centralized clonal nursery for Eucalyptus at Ludhiana	1	100		0		100							
		Pilot Project FOR FENCING OF FARMLANDS IN THE KANDI AREA OF PUNJAB TO PREVENT CROP DAMAGE BY WILD ANIMALS(Hoshiarpur, SAS Nagar, PTK, Ropar, Dasuya, Gsk)	0	0	0	0	1	816	0	0	0	0			0

Sr. No	Name of Scheme	Activities	Year											
			2016-17		2017-18		2018-19		2019-20		2020-21		2021-22	
			Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh)	Phy (ha.)	Fin. (Rs in Lakh) up to 31.03.22
		Chain link fencing of Block Forests (in Patiala Forest Division)	0	0	0	0	0	0	3 Bir	153.83	3 Bir	49.71		
7	Nagar Van Udyan Yojna	Creation of Parks (Hoshiarpur, SAS Nagar, Ludhiana, Amritsar, Bathinda)	0	151.05	0	31.59	0	91.40	0	0	0	0		0
	Total			4651.20		3162.38		4245.48		3151.11		3860.72		5316.95

D) Year wise total of forest area diverted in various Forest Divisions of the State, since 1980.

Since 1980, a total of 12185.27 ha of State forest land has been diverted for non-forestry use till date and more forest area are expected to be diverted in near future because of growing development needs of the State of Punjab.

Table-6

Name of Forest Division and Forest Area (in ha) diverted upto 31.12.2020

Sr. No.	Year of diversion	Name of Forest Division and Forest Area (in ha) diverted upto 31.12.2020																Total diverted area (in ha.)
		Amritsar	Jalandhar	Gurdaspur	Bathinda	Ferozepur	Sri Mks Sahib	Dasuya	Hoshiarpur	Pathankot	S.A.S. Nagar	Garhshankar	Ropar	Ludhiana	Patiala	Sangrur	Mansa	
1	1980-81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
2	1981-82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
3	1982-83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
4	1983-84	0	0	0	0	0	0	0	0	0	0	2.25	0	0	0	0	0	2.25
5	1984-85	0	0	0	0	0	0	0	0	0	0	1.0	0	0	0	0	0	1.00
6	1985-86	0	0	0	0	0	0	0	0	0	0	0.08	0	0	0	0	0	0.08
7	1986-87	1.71	0	0	0	0	0	0	0	9.6	0	0	0	0	0	0	0	11.31
8	1987-88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.395	0	0.40
9	1988-89	0	0	0	0	0	0	0	0	0	0.185	0	0	0	0	0	0	0.19

10	1989-90	0	0.547	0	0	0	0	1.38	0	2.45	1.63	0	0	0	1.631	0	0	7.64
11	1990-91	0	0	0	0	0	0	0.931	0	0	0	0	5.15	0	61.023	0	0	67.10
12	1991-92	0	0.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.84
13	1992-93	0	0	0	0	0	0	0.712	0	0	0	0	0	0	0.144	0	0	0.86
14	1993-94	0	0	0	0	0	0	0	0	0	0	0	3.8	0	0.032	0	0	3.83
15	1994-95	0.496	0.44	0	0	0	0	0.704	0	17.3	0	0	0.16	11.35	0	0.85	0	31.30
16	1995-96	2.30	1.869	0	25.0	0	0	0	0	0	137.3	0	0	0.142	6.88	4.063	0	177.55
17	1996-97	0	0.689	0	0.905	0	0	0.312	0	0	0	0	0	7.00	0.07	0	0	8.98
18	1997-98	63.53	1.092	0	2.67	1.8945	0	0.137	0	0.816	92.96	0	23.668	9.84	98.82	0.045	0	295.47
19	1998-99	0	4.352	0	0.3	0.36	0.53	0.397	0.025	863.4	63.19	0	40.68	20.77	8.13	1.761	0	1003.90
20	1999-2000	0.472	48.9	0	0.918	0.8	3.64	0.06	38.2	0.162	2.50	0.0648	9.02	15.386	14.40	2.899	0	137.42
21	2000-01	7.42	19.769	0	7.065	19.38	4.63	1.771	70.59	42.331	7.60	0	179.18	3.29	7.43	10.633	0	381.09
22	2001-02	6.875	54.46	0	3.6	2.27	6.25	0.0173	4.984	2.25	46.64	0	4.71	22.52	44.94	3.178	0	202.69

23	2002-03	8.679	4.935	0	1.12	7.45	1.36	1.358	0	7.015	20.93	8.47	21.78	0.171	15.88	3.68	0	102.83
24	2003-04	0.225	4.51	0	5.38	2.15	2.48	14.51	0.0414	12.8	3.48	0	2.58	0.163	6.10	2.98	0.072	57.47
25	2004-05	0.351	5.0516	0	0.94	3.35	0.468	16.35	0.0646	0.05	9.16	0.1785	4.94	1.977	11.06	3.159	0.319	57.42
26	2005-06	0.93	13.11	0.00	1.81	1.87	1.35	49.89	2783.01	43.93	1.82	23.45	0.70	2.56	32.91	8.50	0.47	2966.32
27	2006-07	115.61	85.06	0.00	1.56	25.90	0.64	5.29	20.92	1.29	119.44	146.16	32.75	18.41	99.77	31.29	0.23	704.32
28	2007-08	28.01	41.25	0.00	9.32	11.08	0.10	0.56	3.71	7.26	24.60	2.62	77.96	42.44	12.05	60.89	1.88	323.73
29	2008-09	98.86	14.75	0.00	3.47	2.85	8.68	2.68	7.49	5.74	62.85	12.69	10.69	5.80	1.99	10.82	0.91	250.27
30	2009-10	46.35	227.27	0.00	6.90	0.79	1.92	28.44	1.66	3.79	0.55	23.95	18.13	298.06	238.39	5.20	0.30	901.70
31	2010-11	59.06	15.22	0.00	29.50	1.40	1.92	15.11	0.05	121.54	3.01	16.83	7.47	26.32	14.26	15.89	3.01	330.60
32	2011-12	21.87	5.04	3.62	12.35	4.08	0.71	0.20	0.77	7.89	28.46	2.59	2.83	7.35	2.30	4.92	1.52	106.50
33	2012-13	6.68	15.68	5.97	2.15	164.96	4.93	0.88	57.63	0.92	17.37	12.18	66.68	160.35	9.02	2.75	0.32	528.48
34	2013-14	46.20	4.92	8.51	117.53	30.43	10.47	1.22	40.67	12.50	5.07	6.46	0.49	3.68	173.83	143.72	17.66	623.34
35	2014-15	41.74	64.61	0.55	2.69	6.92	9.06	0.82	0.01	18.17	6.01	3.36	29.53	1.56	49.99	63.96	13.06	312.02

36	2015-16	8.55	3.22	2.68	2.63	11.06	4.69	1.77	0.89	8.27	45.22	13.66	6.86	45.05	46.10	3.99	0.12	204.75
37	2016-17	11.09	28.32	0.19	14.16	0.15	3.42	1.16	0.06	0.09	0.32	0.50	5.29	1.03	1.18	1.04	2.81	70.81
38	2017-18	26.36	64.57	0.46	86.27	15.62	33.84	6.01	38.43	47.19	27.69	122.60	14.48	87.28	43.02	40.07	30.35	684.22
39	2018-19	115.90	11.16	94.90	4.54	171.60	11.23	2.66	1.81	6.22	1.18	36.18	68.14	2.07	11.54	7.40	36.89	583.41
40	2019-20	193.66	1.56	2.77	14.90	1.51	55.79	0.00	2.26	14.19	0.99	1.02	1.68	5.95	10.84	1.15	0.01	308.26
41	2020-21	1.29	59.49	0.14	34.37	2.95	50.49	133.69	1.23	0.00	0.02	0.56	39.29	8.65	6.30	3.81	0.02	342.30
42	01.4.2021 to 31.12.2021	3.79	104.96	16.87	42.06	0.49	162.19	0.63	4.74	2.57	0.33	7.35	14.57	3.62	13.07	7.14	8.29	392.65
	Total	918.02	907.65	136.64	434.11	491.30	380.78	289.64	3079.23	1259.73	730.48	440.87	696.54	812.77	1043.07	446.18	118.25	12185.27

E) Year wise Total Compensatory Afforestation (in ha.) carried out in the State, since 1980.

Table -7

Sr. No.	Year of Compensatory Afforestation	Amritsar	Jalandhar	Gurdaspur	Bathinda	Ferozepur	Sri Mks Sahib	Dasuya	Hoshiarpur	Pathankot	S.A.S. Nagar	Garhshankar	Ropar	Ludhiana	Patiala	Sangrur	Mansa	TOTAL Compensatory Afforestation (in ha.)	
1	1980-81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1981-82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1982-83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1983-84	0	0	0	0	0	0	0	0	0	0	0	5.00	0	0	0	0	0	5.00
5	1984-85	0	0	0	0	0	0	0	0	0	0	0	2.00	0	0	0	0	0	2.00
6	1985-86	0	0	0	0	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0.02
7	1986-87	1.71	0	0	0	0	0	0	0	9.60	0	0	0	0	0	0	0	0	11.31
8	1987-88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.1	0	0	3.10

9	1988-89	0	0	0	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0.37
10	1989-90	0	1.37	0	0	0	0	2.761	0	4.90	3.00	0	0	0	1.6318	0	0	13.6628
11	1990-91	0	0	0	0	0	0	1.862	0	0	0	0	6.4	0	68.48	0	0	76.742
12	1991-92	0	2.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.16
13	1992-93	0	0	0	0	0	0	1.424	0	0	0	0	0	0	0.58	0	0	2.004
14	1993-94	0	0	0	0	0	0	0	0	0	0	0	8.0	0	0.35	0	0	8.35
15	1994-95	1.265	2.31	0	0	0	0	1.408	0	34.6	0	0	0.216	34.35	0	5.061	0	79.21
16	1995-96	4.6	5.822	0	25.0	0	0	0	0	0	275.0	0	0	0.344	13.76	4.063	0	328.589
17	1996-97	0	1.722	0	2.26	0	0	1.0	0	0	0	0	0	8.80	0.38	0	0	14.162
18	1997-98	130.15	3.184	0	9.74	7.71	0	0.275	0	3.15	186.27	0	47.38	19.73	197.84	0.09	0	605.519
19	1998-99	0	11.92	0	0.17	2.47	2.71	2.72	0.2	875.9	130.568	0	80.51	43.477	10.72	3.62	0	1164.985
20	1999-2000	1.00	103.22	0	2.97	1.914	7.28	0.609	76.22	0.32	2.54	0.13	18.59	32.14	28.49	7.625	0	283.048

21	2000-01	15.342	40.63	0	14.12	39.28	10.064	4.03	140.62	85.05	13.108	0	244.15	6.59	15.29	21.48	0	649.754
22	2001-02	13.908	110.052	0	7.27	5.875	13.31	0.2	10.465	4.5	92.85	0	15.42	41.98	98.54	11.95	0	426.32
23	2002-03	17.778	5.972	0	2.44	12.52	3.67	2.88	0.0216	15.041	41.8	16.6	40.237	0.685	34.57	11.27	0	205.4846
24	2003-04	0.48	12.15	0	16.58	5.458	5.018	29.43	0.1064	24.62	8.47	0	5.04	1.29	16.129	8.83	0.435	134.0364
25	2004-05	0.878	11.843	0	3.83	11.47	3.503	32.897	0.625	0.201	20.72	0.246	10.01	6.96	29.59	14.094	1.714	148.581
26	2005-06	5.725	27.087	0	15.38 4	7.896	8.732	100.157	437.043	88.788	6.246	47.05	1.905	7.045	78.657	24.703	3.041	859.459
27	2006-07	237.27 4	177.724	0	10.5	54.182	76.375	10.964	41.962	4.346	241.70	294.492	65.994	38.618	246.219	65.448	2.167	1567.965
28	2007-08	58.145	83.60	0	22.78 1	22.161	3.631	1.159	8.416	15.1714	48.986	11.522	152.881	87.786	44.774	133.611	4.645	699.2694
29	2008-09	202.05 8	38.708	0	7.386	15.363	53.017	5.429	57.43	12.727	118.983	25.38	21.3904	15.811	12.127	29.652	2.366	617.8274
30	2009-10	259.31	456.01	0	19.73 8	8.725	6.028	57.264	7.189	9.381	2.23	48.531	41.783	601.6	476.955	18.182	0.424	2013.35
31	2010-11	121.41 3	41.761	0	65.00 4	6.754	10.591	29.879	0.0925	243.02	9.90	33.652	21.718	28.287	36.604	34.179	6.391	689.2455
32	2011-12	39.326	11.657	7.118	29.70 0	12.278	7.099	0.491	2.1483	18.445	67.029	5.701	5.971	17.452	10.756	8.709	3.056	246.9363

33	2012-13	13.483	33.109	12.156	9.957	331.5	10.256	1.6903	115.32	3.579	36.390	14.802	133.256	322.153	15.777	20.620	1.582	1075.630 3
34	2013-14	91.218	14.523	16.814	235.7 41	46.207	18.973	3.066	81.451	26.142	12.312	12.962	1.236	5.767	349.452	303.805	36.473	1256.142
35	2014-15	88.218	130.314	1.396	5.587	16.878	9.311	2.0525	0.0239	34.265	12.143	7.344	59.056	5.696	103.708	132.057	31.178	639.2274
36	2015-16	14.937	8.71	5.399	37.86 7	23.576	3.548	0.467	2.277	29.754	89.387	27.602	14.978	94.62	102.60	5.5208	0.361	461.6038
37	2016-17	27.848	61.751	0.544	31.41	0.425	8.107	2.897	0.2395	0.304	0.960	2.482	11.254	2.989	4.701	5.122	11.601	172.6345
38	2017-18	70.257	70.083	1.96	121.3 0	95.868	132.77 5	7.464	74.052	93.125	92.0290	265.392	77.948	230.21	94.406	91.57	79.650	1598.085 9
39	2018-19	291.55 7	0.000	190.43	9.91	470.52	87.076	10.08	1.204	25.237	4.097	124.820	287.27	6.487	13.585	0	101.765	1624.046
40	2019-20	76.927	0.000	8.455	37.68 4	3.160	215.81 0	0.0	72.33	28.384	1.399	0.311	6.425	3.13	0.917	0.0	0.0	454.937
41	2020-21	0.26	53.920	0.400	70.80 8	0.00	119.00 8	267.4	49.2	0.0	0.00	1.4	0.0	0.0	3.8	1.9	0.2	568.175
42	01.4.2021 to 31.12.2021	0.00	106.000	0.000	0.919	0.00	0.000	0.0	0.0	0.0	0.00	0.0	0.0	0.0	10.8	6.3	0.0	123.988
	Total	1785.0 7	1627.31	244.68	816.0 5	1202.1 9	815.89	581.93	1178.64	1690.55	1518.49	940.40	1386.04	1664.00	2122.11	972.52	287.05	18832.93

NOTE:- Area of Compensatory Afforestation done is with reference to year in which forest area was diverted.

F. Brief description and abstract of the monitoring work done by the Monitoring and Evaluation wing of the State Forest Department.

Every year monitoring of new plantations and old plantations under all the schemes is done by Monitoring and Evaluation wing of the Department. Selection of field sample and checking of works in every Forest Division are done and evaluated against various set parameters like survival percentage, health and vigour of the plants, effectiveness of disease and pest control measures, protection from biotic pressures like forest fire, browsing etc.

As per report of the Monitoring and Evaluation wing from 2013-14 to 2019-20, average survival percentage was found between 56.80% to 90.20%. Details are given in Table 8 below:-

Table 8

Year in Which Monitoring & Evaluation done	CA Plantation		NPV Plantation		ACA	
	Year of Plantation	Average survival (in percentage)	Year of Plantation	Average survival (in percentage)	Year of Plantation	Average survival (in percentage)
2015-16	2013-14	69.25	2014-15	81.34		
	2014-15	76.12				
	2015-16	88.12	2015-16	88.10		
	2014-15	67.03	2014-15	81.05		
	2015-16	81.63	2015-16	81.28		
	2016-17	90.20	2016-17	81.53		
2017-18	2016-17	82.37	2016-17	80.70		
2018-19	2014-15	66.73	2015-16	56.80		
	2015-16	61.64	2016-17	57.85		
	2016-17	67.92	2017-18	58.61		
	2017-18	84.26	2018-19	61.31		
2019-20	2016-17	49.01	2016-17	77.33		
	2017-18	78.11	2017-18	72.30		
	2018-19	78.02	2018-19	88.88		
	2019-20	88.44	2019-20	90		
2020-21	2017-18	87	2017-18	75		
	2018-19	81.40	2018-19	89.05		
	2019-20	84.72	2019-20	89.23		
	2020-21	89.16	2020-21	93.14		
2021-22	2019-20	76	2019-20	76.57	2019-20	85
	2020-21	76.81	2020-21	81.89	2020-21	80.13
	2021-22	82	2021-22	81.294	2021-22	80.6

G. Brief description and abstract of the monitoring work done by the independent monitoring (Third Party Monitoring).

As per agreement between Punjab Forest Department and, Forest Research institute, Dehradun, third party monitoring of plantation has been carried out under PUNCAMPA Schemes for the year 2014-15, 2015-16, 2016-17, 2017-18 and 2018-19. The Monitoring and Evaluation of PUNCAMPA Afforestation works for the years 2019-20, 2020-21 and 2021-22 have again been entrusted to FRI, Dehradun and field verification for the same has already started. All the reports have already been submitted to the National Authority, Govt. of India.

The survival percentage (59.00% to 95.07%) for the State as per the Monitoring reports of FRI, Dehradun is as under:-

Table 9:

Afforestation Year	Year of Report	Average range for survival percentage as per
2010-11	2013	73.00 to 95.07%
2011-12	2014	62.50 to 92.64%
2012-13	2014	62.00 to 92.00 %
2013-14	2017	59.00 to 80.00%
2014-15	2021	61.02 to 79.21 %
2015-16	2021	61.73 to 80.00 %
2016-17	2021	59.45 to 81.89%
2017-18	2021	67.06 to 88.04%
2018-19	2021	69.11 to 87.33%

H. Other important information with respect to APO:-

The APO for 2022-23 has been prepared on the basis of Compensatory Afforestation Act, 2016 and Compensatory Afforestation Rules, 2018 issued by GOI. In addition to mandatory compensatory afforestation including Entry Point Activities, site specific activities out of Net Present Value (NPV) funds and Biodiversity Management has also been proposed for Wildlife areas. Following aspects have also been taken into consideration during the formulation of APO 2022-23

(I) Annual Plan of Operations 2021-22 with respect to Sustainable Development Goals (SDGs) for the State of Punjab:

- a. As per the State level indicator 15.1.1- *Forest Areas as a Proportion of Total Land Area* - The proposed total afforestation targets for the year 2022-23 is 10287 Ha with details as below:

Name of the Scheme	Area during (ha.)	Planted 2020-21	Area Planted during 2021-22 (ha)	Area to be Planted during 2022-23 (ha)
CA/ NPV	4745		5722	5887
SMAF	3200		1605	2500
GPM	195		380	400
GIM	1100		875	1500
TOTAL	9240		8582	10287



The Forest Department is thus proposing 10287 Ha afforestation in total which is much more than the target for the average annual projected increase of the green cover for the current year at 0.17% (8516.54 Ha) from 6.83% to 7.00% of the total geographical area of 5036200 Ha as per the FSI State of Forest Report 2019. To supplement the above plantation activities, 15 lakh plants will be supplied free of cost to the public which will also contribute to the increase in tree cover in the State in the category of tree outside forest.

b. As per the State level Indicator 15.2.1-

- **Ratio of the Area of Plantation under Compensatory Afforestation to Forest Area Diverted under FCA, 1980-** In addition to the 15.2.1 above, it is desired that the Ratio of the Area planted to the area diverted should be more than 1. For the year 2022-23, the area diverted is 392.65 ha and the area being planted under Compensatory Afforestation is 864.861 ha and is much more than double of the targeted ratio as per SDGs.
- **Capture of incremental addition to the tree growing stock in 7 new Working Plans on finalization-** The target proposed under SDG is to capture an incremental addition of 320250 cft annually. So far out of 7 Divisions Working Plans, 4 Working Plans have been sanctioned as on date viz., Sangrur, Ludhiana, Mansa and Shahpur Kandi. The average growing stock incremental addition is 1521094 cft per annum. Also, 19556 tons of carbon has been sequestered due to the increase in the growing stock.

c. As per the State level indicator 15.4.2- Creation/Renovation of Water Bodies/Streams in Mountain Area- As regard Creation/Renovation of water bodies in Hills, the projected target has been fixed as 6 water bodies' renovation/reviving for every year. In the APO 2022-23.

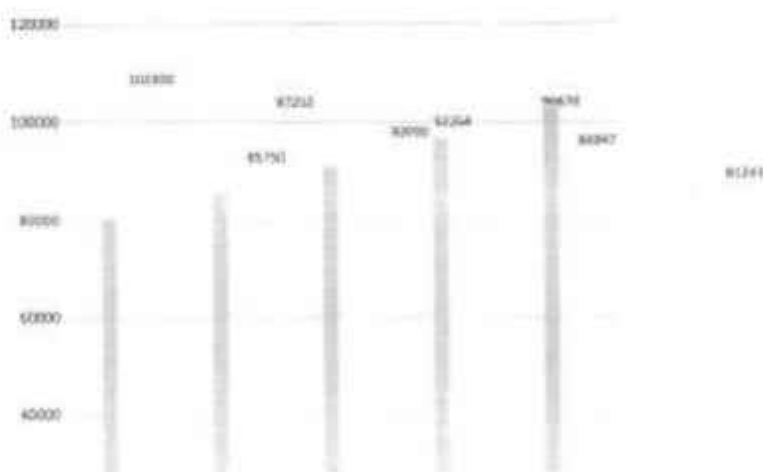
(II) APO with respect to Five year perspective plan of the State:-

In the meeting of the Governing Body of the PUNCAMPA State Authority on 01.08.2019 a Five year Perspective Plan to increase green cover by planting native tree species was presented. It was therein proposed that 37576 ha of area will be treated over a period of 5 years till 2023-24. The progress till date is as below:

Physical and Financial Achievement/Proposed for Afforestation and allied activities					
Sr.No	Year	Physical (in Ha.)	Plants in lakhs	APO (Rs. in Crores)	Remarks
1	2019-20	6296.72	51.74	102.15	Exp. Incurred Rs. 64.72 Crore during 2019-20 due to COVID-19
2	2020-21	4744.743	38.87	177.85	Exp. Incurred Rs. 128.57 Crore during 2020-21
3	2021-22	6094	42.82	218.07	Exp. Incurred Rs. 167.82 Crore during 2021-22
4	2022-23	5887	41.36	239.93	Ongoing

As per the 5 year perspective plan, scrub forest area will be reduced from 3294 ha to 2007 ha, open forest area would be reduced from 103900 ha to 81243 ha but Moderately Dense Forest area would be increased from 80000 ha to 102700 ha and Very Dense Forest area would be increased from 800 ha to 1050 ha, after five year period.

Bar Diagram Showing Forest Cover Change in next Five Years



(III) Impact of annual maintenance on survival and growth of plantation: -

The plantation models as explained in introduction in PART I includes the provision for creation of plantation in first year and provision for subsequent maintenance upto ten years under Compensatory Afforestation. Due to various biotic and abiotic factors, on an average 25 percent of seedlings planted in first year normally fail to survive.

Therefore, a beating up of 25 percent is provided in the cost model to replace the casualties. In subsequent year also, replacement of failed seedlings is done in order to maintain 100 plants per hectare. In addition to replacement, weeding and hoeing, watering, application of fertilizer and insecticide etc. and protection works are also being carried out in order to get desired results in terms of survival percentage along with health and growth of plantation.

I. Special Initiatives and Innovations proposed in APO 2022-23 as per decisions taken in the meetings of Governing Body, Steering Committee and Executive Committee:

- 1) Preparation, Distribution and spreading of Seed balls by JFMCs/SHGs with an outlay of Rs. 32.00 Lakh.
- 2) Plantation of 121502 tall plants under Compensatory Afforestation and 273500 tall plants under NPV are to be planted.
- 3) Use of modern technology like LIDAR Survey, Survey by ICAR and Drone Survey, Monitoring and Surveillance using drone technology with outlay of Rs. 370.00 Lakh.
- 4) Protection of Plantation and Forests with 1.94 lakh Bamboo Tree Guards have been included with an outlay of Rs. 776.75 Lakh.
- 5) Maintenance of Plantations in Nine Polluted NACs for Air pollution abatement as directed by Hon'ble NGT with an outlay of Rs. 90.00 lakh.
- 6) Mandatory Entry Point Activities as a part of Compensatory Afforestation amounting to Rs. 451.57 Lakh have been proposed in almost all Forest Divisions.
- 7) Translocation of plants/poles/trees affected during stage-2 clearance under FCA, 1980 with a Financial outlay of Rs. 360.00 Lakh.
- 8) Pilot Project on Enrichment Plantation in Plains in Punjab with a Financial outlay of Rs. 44.40 Lakh.
- 9) Supply of Nursery Stock at Subsidised rate for plantation to Public and other institutions amounting to Rs. 331.18 Lakh.
- 10) Preparation of Forest Fire Management Plan by SFRI Ladowal Ludhiana with an outlay of Rs. 50 Lakh.
- 11) Preparation of REDD + plan for Punjab by SFRI Ladowal Ludhiana with an outlay of Rs. 50 Lakh.
- 12) Establishment of Centre of Excellence for Research and Training at SFRI Ladowal Ludhiana with an outlay of Rs. 200 Lakh.

J. Other important information relevant for consideration of APO.

The APO for 2022-23 has been prepared on the basis of Compensatory Afforestation Act, 2016 and Compensatory Afforestation Rules, 2018 issued by the GOI. In addition to mandatory compensatory afforestation and site specific activities Biodiversity Management has also been proposed for Wildlife areas.

Brief Physical and Financial Statement of APO 2022-23 of State Authority, (PUNCAMPA)

			(Rs. in lakh)
Sr. No.	Proposed Activities	Physical Targets	Financial Outlay
1	Afforestation		
a)	Compensatory Afforestation (Site Specific scheme as per approval of GoI)	Plantation of 864.127 Ha (851.689 ha. CA, 6.218 Ha. Penal CA and 6.220 NFL) and Maintenance of 8827.702 ha.(CA + PCA+NFL) and New plantation of 121502 Tall plants, maintenance of Tall plants 473479 under ACA and raising of 25.96 lakh Plants in Nursery	3701.44
b)	Afforestation from NPV included as per proposals from field offices	5022 Ha Plantation and 14105.5 ha. maintenance (NPV) New plantation of 273500 Tall plants and maintenance of 408500 tall plant, Raising of Nursery and maintenance of replacement of plants 128.19 lakh Supply of Plants at subsidised rates 31.00 lakh	10992.57
2	Other Activities under Compensatory Afforestation		
	Allied activities	As per annexure- 1F, 1G, 1H	1157.44
3	Other Activities under NPV		
a)	Silvicultural operations, Soil and Moisture Conservation works in the Forest.	As per annexure- 8	1720.07
b)	Forest Protection Measures including fencing of the plantation sites.	As per annexure- 9	2287.17
c)	Biodiversity management.	As per annexure- 15, 16,	1428.90
d)	Strengthening of infrastructure	As per annexure- 10, 12B, 13,	616.39
e)	Monitoring and Evaluation of the works undertaken.	As per annexure- 11	540.00
f)	Publicity cum awareness programme and exhibition	As per annexure- 14	148.68
4	Activities of out of Interest		
	Permissible activities out of Interest component.	As per annexure- 17,18	759.50
	Innovative Projects (out of interest 40%)	As per annexure- 18-A	640.90
	Total APO 2022-23		23993.05

Index of Annual Plan of Operation of State Authority (PUNCAMPA) for the year 2022-23 along with Financial Outlay

Sr. No.	COMPONENTS	(Rs. in lacs)		CAF Rules 2018
		Financial Outlay	Annexure No.	
	Part II of the APO			
1	COMPENSATORY AFFORESTATION AND PENAL COMPENSATORY AFFORESTATION (Sites Specific Activities) approved by Gol			
i)	Compensatory Afforestation in Degraded Forest on forest land	2541.38	1A	Site Specific activities as per approval by MoEF &CC, New Delhi
	Compensatory Afforestation in Penal CA (All category)	19.72	1-AA	
	Compensatory Afforestation On Non Forest Land Category (All category)	29.59	1-AB	
	ii) Compensatory Afforestation in Alkaline Areas (Forest land)	40.48	1B	
	iii) Compensatory Afforestation in waterlogged areas (Forest land)	20.32	1C	
	iv) Enrichment Plantation under CA	54.02	1D	
	v) Additional Compensatory Afforestation (Tall Plants)	693.84	1E	
	vi) Transplantation of Plants/ Poles/ Trees affected under FCA, 1980	360.00	1F	
	vii) Other activities under CA (Patrolling, Protection and Monitoring related equipments)	345.87	1G	
viii) Entry Point Activities	451.57	1H		
ix) Propagation of nursery stock for CA Plantations	302.08	1I		
	Sub Total CA (A)	4858.86		
	Part III of the APO			
2	Activities to be under taken from NPV and Interest components			
	Activities (Not less than 80% of NPV Cost)			
a	Artificial regeneration (by plantations)			
i)	Rehabilitation of Degraded Forest Areas	5084.02	2	5(2) (b)
ii)	Enrichment Plantation	3150.73	3	5(2) (b)
iii)	Plantation in Waterlogged area	34.08	4	5(2) (b)
iv)	Plantation in alkline area	117.29	5	5(2) (b)
v)	Plantation with Tall Plants on major roads	1090.77	6	5(2) (b)
vi)	Irrigated Bamboo Plantation Model in Forest area	70.89	7	5(2) (b)
b	Silvicultural operations in forest, Soil and Moisture Conservation works in the Forest	1720.07	8	5 (2) (c) (g)
c	Protection of planation and Forest, Forest Fire prevention, control operations and Pest and disease control in Forest	2287.17	9	5 (2) (d) (e) (f)
d	Biodiversity management in Wildlife Other than Zoos	1002.07	15	5 (2) (i)
	Biodiversity management in Wildlife for Zoos	0.00	15A	
	Sub Total (80% of NPV) (B)	14557.09		

Index of Annual Plan of Operation of State Authority (PUNCAMPA) for the year 2022-23 along with Financial Outlay

Sr. No.	COMPONENTS	(Rs. In lacs)		
		Financial Outlay	Annexure No.	CAF Rules 2018
3	Activities (Not more than 20% of NPV Cost)			
a	Construction of residential and official buildings in forest for Frontline staff up to the rank of Range officers deployed for protection of forest and wildlife, Construction , up-gradation and maintenance of inspection paths, forest roads in forest area, fire lines, watch towers, check posts and timber depots	301.64	10	5 (3) (e)
b	Survey and mapping of forest area for forest fire control compensatory afforestation works and wildlife management for preparing Annual Plan to be executed form State Fund, Independent concurrent monitoring and evaluation and third party monitoring of various works under taken from State Fund	540.00	11	5 (3) (g)
c	Propagation of nursery stock for NPV Plantations	1113.60	12	5 (3) (a)
d	Supply of nursery stock for plantation at subsidized rates to public and other institutions	331.18	12-A	5 (3) (a)
e	Establishment, up-gradation and maintenance of modern nurseries and other planting stock production facilities for production of quality planting material for Research activities	137.00	12 B	5 (3) (a)
f	Purchase and maintenance of equipment or devices used for communication and information technology for the purpose of protection of forest and wildlife	177.75	13	5 (3) (c)
g	Publicity cum awareness programme and exhibition on various schemes being implemented by the State Authority from State Fund and Capacity building of personal involved in utilization of State Fund	148.68	14	5 (3) (i)
h	Biodiversity management in Wildlife Other than Zoos	426.83	16	5 (3)
	Biodiversity management in Wildlife for Zoos	0.00	16-A	
	Sub total (20% of NPV) (C)	3176.68		
	Sub Total NPV (B)+ (C)	17733.77		
4	Activities out of 60% of interest accrued on deposit in State Fund	599.50	17	6 (a)
5	i) Activities out of 40% of interest accrued on deposit in State Fund	160.00	18	6 (b)
	ii) Innovative Projects (out of interest 40%)	640.90	18-A	6 (b)
	Sub total (out of interest) (D)	1400.40		
	Total (NPV 80%+20%NPV+Interest)	19134.18		
	Total APO 2022-23 (A+B+C+D+E)	23993.05		
	Grand Total (APO 2022-23)	23993.05		

PART-II

Annexure 1-A (Phy.)

Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India

ANNUAL PLAN OF OPERATION 2022-23

Compensatory Afforestation in Degraded Forests (Forest land)

Physical Target

Sr. No.	COMPONENTS	Units	Amritsar	Bathinda	Dasuya	Muksar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CF Research	State Authority	Total		
1	On Forest Land																				410.0	410.000	
i)	Advance Earth work for 2023-24 without Nursery Stock	ha.																					
ii)	Advance Earth work for 2022-23 without Nursery Stock	ha.	5.605	87.485	0.291	136.204	4.348	8.310	9.551	50.462	33.994	27.100	60.385	68.030	9.800	311.535	23.780	0.434			0.000	837.314	
iii)	Plantation in 2022-23	ha	5.605	87.485	0.291	136.204	4.348	8.310	9.551	50.462	33.994	27.100	60.385	68.030	9.800	311.535	23.780	0.434	0		0.000	837.314	
2	Maintenance on Forest Land																					518.348	
i)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	ha	0.000	59.315	153.898	100.51	0.200	2.540	1.517	1.003	0.000	0.400	53.920	8.810	3.170	56.667	74.440	1.758	0		0	518.348	
ii)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	ha	6.375	31.720	0.00	125.30	4.793	1.238	10.876	9.430	30.705	6.520	9.413	4.591	3.439	1.522	6.030	25.055	0		0.000	277.006	
iii)	Maintenance of Plantation in 2019-20 (3rd main.) without Nursery Stock	ha	231.00	24.616	0.00	56.284	347.491	47.00	22.170	9.978	0.00	190.25	17.230	5.000	122.817	72	143.060	3.807	0.000		0.000	1292.703	
iv)	Maintenance of plantation 2018-19 (4th main.) without Nursery Stock	ha	146.515	95.664	19.44	106.187	77.070	62.214	29.343	54.515	3.609	2.060	73.127	59.800	184.599	74.055	45.540	46.536	0.000		0.000	1080.278	
v)	Maintenance of plantation 2017-18 (5th main.) without Nursery Stock	ha	84.309	30.863	1.78	7.672	147.763	11.299	59.686	17.489	11.039	0.510	45.350	184.026	65.898	0	84.910	72.810	0.000		0.000	825.625	
vi)	Maintenance of plantation 2016-17 (6th main.) without Nursery Stock	ha	247.00	101.393	2.62	45.820	189.743	0.00	50.00	251.33	39.111	9.510	65.000	332.00	29.788	2.28	16.130	66.610	0.000		0.000	1448.336	
vii)	Maintenance of plantation 2015-16 (7th Main) without Nursery Stock	ha	150.00	90.00	0.00	42.00	122.577	20.00	213.00	85.00	0.00	13.000	150.000	100.00	9.000	0	71.000	90.000	0.000		0.000	1155.577	
viii)	Maintenance of plantation 2014-15 (8th Main) without Nursery Stock	ha	135.00	100.00	99.00	17.477	140.00	52.00	11.00	130.00	118.00	17.000	108.000	144.00	85.000	123.00	80.000	56.000	0.000		0.000	1415.477	
3	Forest Protection measures for current year plantation.	ha	0	0	0	18.424	0	0	0	0	0	0	0	0	0	0	0	0	0			18.424	

Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India
ANNUAL PLAN OF OPERATION 2022-23
Compensatory Afforestation in Degraded Forests (Forest land)
Financial Target

Wage Rate @ 383/-

(Rs. in lakh)

Sr. No.	COMPONENTS	Rate (In Rs.)	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CF Research	State Authority	Total
1	On Forest Land																				
i)	Advance Earth work for 2023-24 without Nursery Stock	L/s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	180.55	180.55
ii)	Advance Earth work for 2022-23 without Nursery Stock	As per GOI Approval	0.93	28.21	0.31	43.81	1.40	0.84	4.54	16.47	10.93	50.72	31.46	24.08	3.15	101.69	25.02	0.37	0.00	0.00	318.81
iii)	Plantation in 2022-23	As per GOI Approval	8.49	126.17	0.62	127.76	6.26	7.81	9.28	72.40	48.93	81.05	52.02	104.09	14.11	444.32	50.87	0.66	0.00	0.00	1154.84
	Sub Total		9.42	154.38	0.93	171.57	7.66	8.65	13.82	88.87	59.86	131.77	83.48	128.17	17.26	546.01	75.89	1.03	0.00	180.55	1654.20
2	Maintenance on Forest Land																				
i)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	55467	0.00	32.90	85.36	55.75	0.11	1.41	0.84	0.56	0.00	0.22	29.91	4.89	1.87	31.43	41.29	0.98	0.00	0.00	287.51
ii)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	24983	1.59	7.92	0.00	31.30	1.20	0.31	2.72	2.36	7.67	1.63	2.35	1.15	0.86	0.38	1.51	6.26	0.00	0.00	69.20
iii)	Maintenance of Plantation in 2019-20 (3rd main.) without Nursery Stock	13341	30.82	3.28	0.00	7.51	46.36	6.27	2.96	1.33	0.00	25.38	2.30	0.67	16.39	9.61	19.09	0.51	0.00	0.00	172.46
iv)	Maintenance of plantation 2018-19 (4th main.) without Nursery Stock	9958	14.59	9.53	1.94	10.57	7.67	6.20	2.92	5.43	0.36	0.21	7.28	5.95	18.38	7.37	4.53	4.63	0.00	0.00	107.57
v)	Maintenance of plantation 2017-18 (5th main.) without Nursery Stock	4979	4.20	1.54	0.09	0.38	7.36	0.56	2.97	0.87	0.55	0.03	2.26	9.16	3.28	0.01	4.23	3.63	0.00	0.00	41.11
vi)	Maintenance of plantation 2016-17 (6th main.) without Nursery Stock	4979	12.30	5.05	0.13	2.28	9.45	0.00	2.49	12.51	1.95	0.47	3.24	16.53	1.48	0.11	0.80	3.32	0.00	0.00	72.11
vii)	Maintenance of plantation 2015-16 (7th Main) without Nursery Stock	4979	7.47	4.48	0.00	2.09	6.10	1.00	10.61	4.23	0.00	0.65	7.47	4.98	0.45	0.00	3.54	4.48	0.00	0.00	57.54
viii)	Maintenance of plantation 2014-15 (8th Main) without Nursery Stock	4979	6.72	4.98	4.93	0.87	6.97	2.59	0.55	6.47	5.88	0.85	5.38	7.17	4.23	6.12	3.98	2.79	0.00	0.00	70.48
	Sub total		77.69	69.68	92.45	110.76	85.22	18.33	26.05	33.76	16.40	29.43	60.18	50.50	46.94	55.04	78.97	26.59	0.00	0.00	877.98
3	Forest Protection measures for current year plantation.	50000	0.00	0.00	0.00	9.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.21
	Sub total		0.00	0.00	0.00	9.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.21
	Grand Total		87.11	224.06	93.38	291.55	92.88	26.98	39.87	122.63	76.26	161.19	143.66	178.67	64.20	601.05	154.85	27.61	0.00	180.55	2541.38

Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India

ANNUAL PLAN OF OPERATION 2022-23

Compensatory Afforestation in Penal CA (All Category)

Physical Target

Sr. No.	COMPONENTS	Units	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CF Research	State Authority	Total	
2	Penal CA On Forest Land																					
1	Degraded Lands																					
i)	Earth work for 2023-24 and raising of Nursery Stock	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10.000	10.000
ii)	Advance Work 2022-23	ha	0	0.178	0	0.523	0	0	0.595	1.171	0	1.51	0	1.29	0.638	0.053	0	0	0	0	0.000	5.958
iii)	Plantation in 2022-23	ha	0	0.178	0	0.523	0	0	0.595	1.171	0	1.51	0	1.29	0.638	0.053	0	0	0	0	0	5.958
iv)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	ha	0	0.103	0	0.125	0	0	0.196	0.112	0	0	0	8.269	0	0	0	0	0	0	0	8.805
v)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	ha	0	0.058	0	0.361	1.422	0.772	0.218	0.150	0.181	0.08	0	0.435	0.159	0.048	0	0.609	0	0	0	4.493
2	Alkaline Lands																					
i)	Earth work for 2022-23 and raising of Nursery Stock	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.00	2.000
ii)	Advance Work 2021-22	ha	0	0	0	0	0	0	0.245	0	0	0	0	0	0	0	0	0	0	0	0	0.245
iii)	Plantation in 2021-22	ha	0	0	0	0	0	0	0.245	0	0	0	0	0	0	0	0	0	0	0	0	0.245
iv)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	ha	0	0	0	0	0	0	0.506	0	0	0	0	0	0	0	0	0	0	0	0	0.506
v)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	ha							0.036													0.036
3	Waterlogged Lands																					
i)	Earth work for 2022-23 and raising of Nursery Stock	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.00	2.000
ii)	Advance Work 2021-22	ha							0.015													0.015
iii)	Plantation in 2021-22	ha	0	0	0	0	0	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0.015
iv)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	ha	0	0	0	0	0	0	0.054	0	0	0	0	0	0	0	0	0	0	0	0	0.054
v)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	ha							0.752													0.752
4	Forest Protection measures for current year plantation.	ha.	0	0	0	0.523	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	0.523

Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India
ANNUAL PLAN OF OPERATION 2022-23
 Compensatory Afforestation in Penal CA (All category)
 Financial Target

Wage Rate @ 383/-

(Rs. In lakh)

Sr. No.	COMPONENTS	Rate (In Rs.)	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CF Research	State Authority	Total	
	Penal CA On Forest Land																					
1	Degraded Lands																					
i)	Earth work for 2023-24 and raising of Nursery Stock	As per GOI Approval	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.50	3.50
ii)	Advance Work 2022-23 without nursery stock	As per GOI Approval		0.08		0.22			0.28	0.50		0.80			0.27	0.03	0	0	0	0		2.18
iii)	Plantation in 2022-23	As per GOI Approval	0	0.26		0.49			0.58	1.68		0.89			0.92	0.07	0	0	0	0		4.89
iv)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	55467	0.00	0.06	0.00	0.07	0.00	0.00	0.11	0.06	0.00	0.00	0.00	4.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.88
v)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	24983	0	0.01	0.00	0.09	0.36	0.19	0.05	0.04	0.05	0.02	0.00	0.11	0.04	0.01	0.00	0.15	0	0		1.12
	Sub total		0	0.41	0.00	0.87	0.36	0.19	1.02	2.28	0.05	1.71	0.00	4.70	1.23	0.11	0.00	0.15	0	3.50	16.58	
2	Alkaline Lands																					
i)	Earth work for 2022-23 and raising of Nursery Stock	As per GOI Approval	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.00	1.00
ii)	Advance Work 2021-22 without nursery stock	As per GOI Approval	0	0	0	0	0	0	0.11	0	0	0	0	0	0	0	0	0	0	0	0	0.11
iii)	Plantation in 2021-22	As per GOI Approval	0	0	0	0	0	0	0.22	0	0	0	0	0	0	0	0	0	0	0	0	0.22
iv)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	48780	0	0	0	0	0	0	0.24683	0	0	0	0	0	0	0	0	0	0	0	0	0.25
v)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	36809	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0.01
	Sub total		0	0	0	0	0	0	0.59	0	0	0	0	0	0	0	0	0	0	0	1	1.59
3	Waterlogged Lands																					
i)	Earth work for 2022-23 and raising of Nursery Stock	As per GOI Approval	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.00	1.00
ii)	Advance Work 2021-22	As per GOI Approval							0.02													0.02
iii)	Plantation in 2021-22	As per GOI Approval	0	0	0	0	0	0	0.001	0	0	0	0	0	0	0	0	0	0	0	0	0.001
iv)	Maintenance of Plantation in 2020-21 without Nursery stock (1st main.)	36083	0	0	0	0	0	0	0.27	0	0	0	0	0	0	0	0	0	0	0	0	0.27
v)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	21366	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	Sub total		0	0	0	0	0	0	0.29	0	0	0	0	0	0	0	0	0	0	0	1.00	1.29
4	Forest Protection measures for current year plantation.	L/s	0	0	0	0.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.26
	Grand Total		0.00	0.41	0.00	1.13	0.36	0.19	1.91	2.28	0.05	1.71	0.00	4.70	1.23	0.11	0.00	0.15	0.00	5.50	19.72	

Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India
ANNUAL PLAN OF OPERATION 2022-23
Compensatory Afforestation On Non Forest Land Category (All category)
Physical Target

Sr. No.	COMPONENTS	Units	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CF Research	State Authority	Total	
1	On Non-Forest Land Category (Degraded)																					
i)	Advance Earth work for 2023-24 without Nursery Stock	ha	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ii)	Advance Work 2022-23 Without Nursery Stock											6.220										6.220
iii)	Plantation in 2022-23	ha										6.220						0.000				6.220
iv)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	ha	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
v)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	ha										13.100										13.100
2	Alkaline																					
i)	Advance Earth work for 2023-24 without Nursery Stock	ha	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
ii)	Advance Work 2022-23 Without Nursery Stock																					
iii)	Plantation in 2022-23	ha	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
iv)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	ha	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
v)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	ha																				
3	Waterlogged																					
i)	Advance Earth work for 2023-24 without Nursery Stock	ha	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
ii)	Advance Work 2022-23 Without Nursery Stock																					
iii)	Plantation in 2022-23	ha	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
iv)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	ha	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
v)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	ha																				
4	Forest Protection measures for current year plantation.	ha.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000

Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India
ANNUAL PLAN OF OPERATION 2022-23
 Compensatory Afforestation On Non Forest Land (All category)
 Financial Target

Sr. No.	COMPONENTS	Rate (In Rs.)	Wage Rate @ 383/-																	Total	
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozpur	Mansa	Patiala	Sangrur	Pathankot	Gurbatspur	Jalandhar	Ludhiana	Garhshankar	Hochlargur	Ropar	Mohali	CF Research		State Authority
1	On Non-Forest Land Category (Degraded)																				
i)	Advance Earth work for 2023-24 without Nursery Stock	As per GOI Approval	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ii)	Advance Work 2022-23 Without Nursery Stock	As per GOI Approval									6.57										6.57
iii)	Plantation in 2022-23	As per GOI Approval	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.75
iv)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	55467	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
v)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	24983									3.27										3.27
	Sub Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.59
2	Alkaline																				
i)	Advance Earth work for 2023-24 without Nursery Stock	As per GOI Approval	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ii)	Advance Work 2022-23 Without Nursery Stock	As per GOI Approval	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
iii)	Plantation in 2022-23	As per GOI Approval	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
iv)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	48780	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
v)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	36809	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Waterlogged																				
i)	Advance Earth work for 2023-24 without Nursery Stock	As per GOI Approval	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ii)	Advance Work 2022-23 Without Nursery Stock	As per GOI Approval	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
iii)	Plantation in 2022-23	As per GOI Approval	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
iv)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	36083	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
v)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	21366	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Forest Protection measures for current year plantation.	l/s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
	Grand Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.59

ANNUAL PLAN OF OPERATION 2022-23
Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India
Compensatory Afforestation in Alkaline Areas
Physical Target

Sr. No.	COMPONENTS	Unit	Area in Ha.																Total		
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali		State Authority	
1	On Forest Land																				
i)	Advance Earth work for 2023-24 without Nursery Stock	ha							0.000											0.00	0.000
ii)	Advance Work 2022-23 without Nursery Stock	ha							4.655												4.655
iii)	Plantation in 2022-23	ha	0	0	0	0	0	0	4.655	0	0	0	0	0	0	0	0	0	0	0	4.655
3	Maintenance on Forest Land																				
i)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	ha							1.900												1.900
ii)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	ha	0	0	0	0	0	0	15.133	0	0	0	0	0	0	0	0	0	0	0	15.133
iii)	Maintenance of Plantation in 2019-20 (3rd main.) without Nursery Stock	ha	0	0	0	0	0	0	0.114	0	0	0	0	0	0	0	0	0	0	0	0.114
iv)	Maintenance of plantation 2018-19 (4th main.) without Nursery Stock	ha	0	0	0	0	0	0	55.643	0	0	0	0	0	0	0	0	0	0	0	55.643
v)	Maintenance of plantation 2017-18 (5th main.) without Nursery Stock	ha	0	0	0	0	0	0	128.388	0	0	0	0	0	0	0	0	0	0	0	128.388
vi)	Maintenance of plantation 2016-17 (6th main.) without Nursery Stock	ha	0	0	0	0	0	0	243.000	0	0	0	0	0	0	0	0	0	0	0	243.00
vii)	Maintenance of plantation 2015-16 (7th Main) without Nursery Stock	ha	0	0	0	0	0	0	40.000	0	0	0	0	0	0	0	0	0	0	0	40.00
viii)	Maintenance of plantation 2014-15 (8th Main) without Nursery Stock	ha	0	0	0	0	0	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0.00
4	Forest Protection measures for current year plantation.	ha	0	0	0	0	0	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0.000

ANNUAL PLAN OF OPERATION 2022-23
Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India
Compensatory Afforestation in Alkaline Areas
Financial Target

Sr. No.	COMPONENTS	Rate (in Rs.)	Wage Rate @ 383/-															State Authority	Total	
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar			Mohali
1	On Forest Land																		2.00	2.00
i)	Advance Earth work for 2023-24 without Nursery Stock	l/s																	0.00	1.63
ii)	Advance Work 2022-23 without Nursery Stock	As per GOI Approval	0.00	0.00	0.00	0.00	0.00	0.00	1.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.32
iii)	Plantation in 2022-23	As per GOI Approval	0.00	0.00	0.00	0.00	0.00	0.00	4.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.95
	Sub total		0.00	0.00	0.00	0.00	0.00	0.00	5.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	7.95
3	Maintenance on Forest Land																			0.93
i)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	48780							0.93											
ii)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	36809	0.00	0.00	0.00	0.00	0.00	0.00	5.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.57
iii)	Maintenance of Plantation in 2019-20 (3rd main.) without Nursery Stock	11647	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
iv)	Maintenance of plantation 2018-19 (4th main.) without Nursery Stock	9958	0.00	0.00	0.00	0.00	0.00	0.00	5.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.54
v)	Maintenance of plantation 2017-18 (5th main.) without Nursery Stock	4979	0.00	0.00	0.00	0.00	0.00	0.00	6.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.39
vi)	Maintenance of plantation 2016-17 (6th main.) without Nursery Stock	4979	0.00	0.00	0.00	0.00	0.00	0.00	12.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.10
vii)	Maintenance of plantation 2015-16 (7th Main) without Nursery Stock	4979	0.00	0.00	0.00	0.00	0.00	0.00	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.99
viii)	Maintenance of plantation 2014-15 (8th Main) without Nursery Stock	4979	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub total		0.00	0.00	0.00	0.00	0.00	0.00	32.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.53
4	Forest Protection measures for current year plantation	l/s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grand Total		0.00	0.00	0.00	0.00	0.00	0.00	38.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	40.48

ANNUAL PLAN OF OPERATION 2022-23
Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India
Compensatory Afforestation in waterlogged areas
Physical Target

Sr.No	COMPONENTS	Unit	Area in Ha.																Total	
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali		State Authority
1	On Forest Land																			
i)	Advance Earth work for 2023-24 without Nursery Stock	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000
ii)	Advance Work 2022-23 without Nursery Stock	ha	0	0	0	0	0	0	9.720	0	0	0	0	0	0	0	0	0	0	9.720
iii)	Plantation in 2022-23	ha	0	0	0	0	0	0	9.720	0	0	0	0	0	0	0	0	0	0	9.720
2	Maintenance on Forest Land																			
i)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	ha							0.232											0.232
ii)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	ha	0	0	0	0	0	0	1.472	0	0	0	0	0	0	0	0	0	0	1.472
iii)	Maintenance of Plantation in 2019-20 (3rd main.) without Nursery Stock	ha	0	0	0	0	0	0	6.654	0	0	0	0	0	0	0	0	0	0	6.654
iv)	Maintenance of plantation 2018-19 (4th main.) without Nursery Stock	ha	0	0	0	0	0	0	1.220	0	0	0	0	0	0	0	0	0	0	1.220
v)	Maintenance of plantation 2017-18 (5th main.) without Nursery Stock	ha	0	0	0	0	0	0	32.469	0	0	0	0	0	0	0	0	0	0	32.469
vi)	Maintenance of plantation 2016-17 (6th main.) without Nursery Stock	ha	0	0	0	0	0	0	30.00	0	0	0	0	0	0	0	0	0	0	30.000
vii)	Maintenance of plantation 2015-16 (7th, Main) without Nursery Stock	ha	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0.00
viii)	Maintenance of plantation 2014-15 (8th, Main) without Nursery Stock	ha	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0.00
3	Forest Protection measures for current year plantation.	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000

ANNUAL PLAN OF OPERATION 2022-23
Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India
Compensatory Afforestation in waterlogged areas
Financial Target

Sr. No.	COMPONENTS	Rate	Wage Rate @ 383/-																Total	
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali		State Authority
1	On Forest Land																			
i)	Advance Earth work for 2023-24 without Nursery Stock	l/s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									1.00	1.00
ii)	Advance Work 2022-23 without Nursery Stock	As per GOI Approval	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.19
iii)	Plantation in 2022-23	As per GOI Approval	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.23
	Sub Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	13.42
2	Maintenance on Forest Land																			
i)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	36083								0.08										0.08
ii)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	21366	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53
iii)	Maintenance of Plantation in 2019-20 (3rd main.) without Nursery Stock	11071	0.00	0.00	0.00	0.00	0.00	0.00	1.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42
iv)	Maintenance of plantation 2018-19 (4th main.) without Nursery Stock	9958	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
v)	Maintenance of plantation 2017-18 (5th main.) without Nursery Stock	4979	0.00	0.00	0.00	0.00	0.00	0.00	3.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.23
vi)	Maintenance of plantation 2016-17 (6th main.) without Nursery Stock	4979	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.49
vii)	Maintenance of plantation 2015-16 (7th. Main) without Nursery Stock	4979	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
viii)	Maintenance of plantation 2014-15 (8th. Main) without Nursery Stock	4979	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub Total		0.00	0.00	0.00	0.00	0.00	0.00	6.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.90
3	Forest Protection measures for current year plantation.	l/s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grand Total		0.00	0.00	0.00	0.00	0.00	0.00	19.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	20.32

ANNUAL PLAN OF OPERATION 2022-23
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Afforestation in Enrichment Plantation under CA
Physical Target

Sr. No.	COMPONENTS	Unit	Area in Ha.																Total	
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali		State Authority
1	On Forest Land																			
i	Advance Earth work for 2023-24 without Nursery Stock	ha	0	0	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
ii	Advance Work 2022-23 without Nursery Stock	ha			0.284															0.284
iii	Plantation in 2022-23	ha			0.284					0										0.284
2	Maintenance of Forest land																			
i)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	ha	0	0	115.080	0	0	0	0	0	0	0	0	0	0	0	0	0	0	115.080
ii)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000
iii)	Maintenance of Plantation in 2019-20 (3rd main.) without Nursery Stock	ha	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	22
iv)	Maintenance of plantation 2018-19 (4th main.) without Nursery Stock	ha	0	0	0	0	0	0	0	0	93.301	0	0	0	0	0	0	0	0	93.301
v)	Maintenance of plantation 2017-18 (5th main.) without Nursery Stock	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vi)	Maintenance of plantation 2016-17 (6th main.) without Nursery Stock	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vii)	Maintenance of plantation 2015-16 (7th Main) without Nursery Stock	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
viii)	Maintenance of plantation 2014-15 (8th Main) without Nursery Stock	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Forest Protection measures for current year plantation.	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANNUAL PLAN OF OPERATION 2022-23
Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India
Afforestation in Enrichment Plantation under CA
Physical Target

Sr. No.	COMPONENTS	Unit	Wage Rate @ 383/-																State Authority	Total	
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali			
1	On Forest Land																				
i	Advance Earth work for 2023-24 without Nursery Stock	L/s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	5.00
ii	Advance Work 2022-23 without Nursery Stock	As per GOI approval	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
iii	Plantation in 2022-23	As per GOI approval	0.00	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48
	Sub Total		0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	5.68
2	Maintenance of Forest land																				
i)	Maintenance of Plantation in 2021-22 (1st main.) without Nursery Stock	31622	0	0	36.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36.39
ii)	Maintenance of Plantation in 2020-21 (2nd main.) without Nursery Stock	24124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
iii)	Maintenance of Plantation in 2019-20 (3rd main.) without Nursery Stock	12107	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.66
iv)	Maintenance of plantation 2018-19 (4th main.) without Nursery Stock	9958	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.29
v)	Maintenance of plantation 2017-18 (5th main.) without Nursery Stock	4979	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vi)	Maintenance of plantation 2016-17 (6th main.) without Nursery Stock	4979	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vii)	Maintenance of plantation 2015-16 (7th Main) without Nursery Stock	4979	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
viii)	Maintenance of plantation 2014-15 (8th Main) without Nursery Stock	4979	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub Total		0.00	0.00	36.39	0.00	0.00	0.00	0.00	0.00	11.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.35
3	Forest Protection measures for current year plantation.	L/s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grand Total		0.00	0.00	37.07	0.00	0.00	0.00	0.00	0.00	11.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	54.02

ANNUAL PLAN OF OPERATION 2022-23
Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India
Additional Compensatory Afforestation
Physical Target

in Numbers

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total
	Plantation with Tall plant																			
i	Cost of tall Plants (min 8 ft)	No.		3516		77762	11654	4302		3926	0	11950	47672			0				160782
ii	Planatation of Tall plants	No.		1482		52980	92	4302		3024	0	11950	47672			0		0	0	121502
iii	1st Maintenance (2021-22)	No.		1046		9314	0	0	96	2400	0	0		1070	298	6	2448			16678
iv	2nd Maintenance (2020-21)	No.	7580	6982	0	62200	0	60	2760	5000	0	1020	12	246	17877	0	650		0	104387
v	3rd Maintenance (2019-20)	No.	29500	218	0.0	8354	61694	27500	1655	0	0	0	0	0	0	0	75000	0.0	0	203921
vi	4th maintenance (2018-19)	No.	0	7132	0.0	24522	22984	17970	462	4221	0	0	0	29560	0.0	0.0	23650	17992	0	148493

ANNUAL PLAN OF OPERATION 2022-23
Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India
Additional Compensatory Afforestation
Financial Target

Wage Rate @ 383/-

(Rs. in lakh)

Sr. No.	COMPONENTS	Rate	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total	
	Plantation with Tall plant																				
i	Cost of tall Plants (min 8 ft)	60.00	0.00	2.11	0.00	46.66	6.99	2.58	0.00	2.36	0.00	7.17	28.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.47
ii	Planatation of Tall plants	181.00	0.00	2.68	0.00	95.89	0.17	7.79	0.00	5.47	0.00	21.63	86.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	219.92
iii	1st Maintenance (2021-22)	135.00	0.00	1.41	0.00	12.57	0.00	0.00	0.13	3.24	0.00	0.00	0.00	1.44	0.40	0.01	3.30	0.00	0.00	0.00	22.52
iv	2nd Maintenance (2020-21)	92.00	6.97	6.42	0.00	57.22	0.00	0.06	2.54	4.60	0.00	0.94	0.01	0.23	16.45	0.00	0.60	0.00	0.00	0.00	96.04
v	3rd Maintenance (2019-20)	84.00	24.78	0.18	0.00	7.02	51.82	23.10	1.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.00	0.00	0.00	0.00	171.29
vi	4th maintenance (2018-19)	59.00	0.00	4.21	0.00	14.47	13.56	10.60	0.27	2.49	0.00	0.00	0.00	17.44	0.00	0.00	13.95	10.62	0.00	0.00	87.61
	Total		31.75	17.02	0.00	233.83	72.54	44.13	4.33	18.16	0.00	29.74	114.90	19.11	16.85	0.01	80.86	10.62	0.00	0.00	693.84

ANNUAL PLAN OF OPERATION 2022-23
Transplantation of Plants/ Poles/ Trees affected under FCA, 1980

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total
1	Transplantation of Plants/ Poles/ Trees affected under FCA, 1980	L/S																	L/S	

ANNUAL PLAN OF OPERATION 2022-23
Transplantation of Plants/ Poles/ Trees affected under FCA, 1980

(Rs. in lakh)

Sr. No.	COMPONENTS	Rate	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total	
1	Transplantation of Plants/ Poles/ Trees affected under FCA, 1980	LS																		360.00	360.00
	Total																			360.00	360.00

ANNUAL PLAN OF OPERATION 2022-23
Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India
Patrolling, Protection and Monitoring related Equipment
Physical Target

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total
	Vehicles, Machinery and Equipments																			
1	Purchase of patrolling vehicles.																			
	Mohindra Bolero 4wd (Diesel)	No.	0	1	0	1	1	1	1	0	1	0	1	0	1	0	0	0		8
	Mohindra Scorpio 4wd (Diesel)	No.	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0		2
	Sub Total		0	1	0	2	1	1	1	0	1	0	2	0	1	0	0	0	0	10
2	Purchase of transport vehicle																			
a	Truck 407	No.	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
b	Tractors	No.	1	2	2	2	1	0	0	1	0	0	0	0	1	0	0	0	0	10
	Sub Total		1	2	2	3	2	0	0	1	0	0	0	0	1	0	0	0	0	12
3	Machinery and Equipments																			
i	JCB Machine	No.																		0
ii	Hiring of Trolley	No.									2									2
iii	Hiring of Tankers (a) Fire Fighting Equipment (b) Watering Tankers	No.									2		2							4
iv	Pump set	No.				1														1
v	Tubewell	No.											2							2
vi	Augar	No.				1							2							3
vii	Shrub Cutter etc.	No.																		0
viii	Tree Guards	No.							315				500		514					5929
ix	Power Chain Saw	No.																		0
x	Generators	No.																		0
xi	Boundary Pillar of Block Forest	No.					10													10
xii	Water Cooler	No.																		0
xiii	Binocular	No.																		0
xiv	Drone	No.																		0
xv	Sprinkler	No.																		0
xvi	Watch Tower	No.																		0
xvii	Fire Equipments Complete	No.																		0
xviii	Computer Desktop	No.																		0
xix	Photosate Machine	No.											1							1
xx	GPS	No.											3							3
xxi	Printer with Scanner	No.																		0
xxii	Motor Boat	No.																		0
xxiii	RCC Pillar	No.																		0

Note: All procurements to be done through GEM portal.

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ANNUAL PLAN OF OPERATION 2022-23
Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India
Patrolling, Protection and Monitoring related Equipment
Financial Target

Sr. No.	COMPONENTS	Rate (Rs. In lakh)	(Rs. in lakh)																	Total	
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority		
	Vehicles, Machinery and Equipments																				
1	Purchase of petrolling vehicles.																				
	Mohindra Bolero 4wd (Diesel)	8.50	0.00	8.50	0.00	8.50	8.50	8.50	8.50	0.00	8.50	0.00	8.50	0.00	8.50	0.00	0.00	0.00	0.00	0.00	68.00
	Mohindra Scorpio 4wd (Diesel)	15.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00
	Sub Total		0.00	8.50	0.00	23.50	8.50	8.50	8.50	0.00	8.50	0.00	23.50	0.00	8.50	0.00	0.00	0.00	0.00	0.00	98.00
2	Purchase of transport vehicle																				
a	Truck 407	11.50	0.00	0.00	0.00	11.50	11.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.00
b	Tractors	8.00	8.00	16.00	16.00	16.00	8.00	0.00	0.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00	0.00	0.00	80.00
	Sub Total		8.00	16.00	16.00	27.50	19.50	0.00	0.00	8.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00	0.00	0.00	103.00
3	Machinery and Equipments																				
i	JCB Machine	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ii	Trolley	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60
iii	Tankers (a) Fire Fighting Equipment (b) Watering Tankers	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00
iv	Pump set	0.50	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50
v	Tubewell	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00
vi	Augar	0.60	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80
vii	Shurb Cutter etc.	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
viii	Tree Guards	0.018	0.00	0.00	0.00	0.00	0.00	5.67	0.00	0.00	0.00	0.00	9.00	0.00	92.05	0.00	0.00	0.00	0.00	0.00	106.72
ix	Power Chain Saw	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
x	Generators	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
xi	Boundary Pillour of Block Forest	0.01	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
xii	Water Cooler	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
xiii	Binoocular	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
xiv	Drone	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
xv	Sprinkler	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
xvi	Watch Tower	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
xvii	Fire Equipments Complete	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
xviii	Computer Desktop	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
xviii	Photosate Machine	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80
xix	GPS	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35
xx	Printer with Scanner	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
xxi	Motor Boat	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
xxii	RCC Pillar 232/- each		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub Total		0.00	0.00	0.00	1.10	0.10	5.67	0.00	0.00	21.60	0.00	24.35	0.00	92.05	0.00	0.00	0.00	0.00	0.00	144.87
	Total		8.00	24.50	16.00	52.10	28.10	14.17	8.50	8.00	30.10	0.00	47.85	0.00	108.55	0.00	0.00	0.00	0.00	0.00	345.87

Note All procurements to be done through GEM portal.

ANNUAL PLAN OF OPERATION 2022-23
Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India
Entry Point Activity and soil & moisture conservation works
Physical Target

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total
1	Entry point Activity	No. of cases	4	21		21	7	3	8	9	2	5			2	1	4	1		88
	Total		4	21	0	21	7	3	8	9	2	5	0	0	2	1	4	1	0	88
2	Soil & moisture conservation works		0																	
	Dry stone, Check Dams	M3	0																	
	Crate wire structre	M3	0																	
	Cement Masonary	M3	0																	
3	Protection measures		0																	
	Check Post	L/s																		L/s
4	Mesquite Removal Project	No. of cases				3.00														3

ANNUAL PLAN OF OPERATION 2022-23
Sites Specific Activities approved under Compensatory Afforestation by the Govt. of India
Entry Point Activity and soil & moisture conservation works
Financial Target

Sr. No.	COMPONENTS	Rate (Rs. In lakh)	(Rs. In lakh)																Total		
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali		State Authority	
1	Entry point Activity	L/S	0.71	116.04		217.51	0.54	0.15	8.05	36.51	3.73	0.39			0.53	0.14	6.57	0.05		390.92	
	Sub Total		0.71	116.04	0.00	217.51	0.54	0.15	8.05	36.51	3.73	0.39	0.00	0.00	0.53	0.14	6.57	0.05	0.00	390.92	
2	Soil & moisture conservation works																			0.00	
	Dry stone, Check Dams	882																			0.00
	Crate wire structre	1800																			0.00
	Cement Masonary	3500																			0.00
	Sub Total																				0.00
3	Protection measures																				0.00
	Check Post	L/S																			0.00
	Sub Total																				0.00
4	Mesquite Removal Project	L/S				60.65															60.65
	Sub Total					60.65															60.65
	Grand Total		0.71	116.04	0.00	278.16	0.54	0.15	8.05	36.51	3.73	0.39	0.00	0.00	0.53	0.14	6.57	0.05	0.00	451.57	

ANNUAL PLAN OF OPERATION 2022-23
Propagation of nursery stock for CA Plantations
Physical Target

Sr. No.	COMPONENTS	Unit	In Numbers																	Total	
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CF R&T		State Authority
1	Nursery Stock																				
	Degraded																				
	i) Raising of new nursery Stock for 2023-24	No.	69857	58402	44329	120260	102589	16988	12683	20376	18601	64478	40523	24849	40085	126996	71102	8928	0	0	841044
	ii) Maintenance of replacement plants upto July 2022	No.	34114	128889	44657	213731	45848	15907	19251	61099	44405	54287	88582	82141	26959	383129	66281	5778	0	0	1315058
	iii) Raising of plants for Maintenance of 2022-23 to be planted during 2023-24	No.	1614	25196	84	39227	1252	2393	2751	14533	9790	7805	17391	19593	2822	89722	6849	125	0	0	241146
	iv) Raising of plants for Maintenance of 2021-22 to be planted during 2023-24	No.	0	10261	26624	17388	35	439	262	174	0	69	9328	1524	583	9803	12878	304	0	0	89674
	v) Raising of plants for Maintenance of 2020-21 to be planted during 2023-24	No.	733	3648	0	14409	551	142	1251	1084	3531	750	1082	528	395	175	693	2881	0	0	31856
	Total	No.	106318	226395	115695	405016	150276	35870	36198	97266	76327	127388	156906	128635	70845	609825	157803	18016	0	0	2518778
	Saline/Alkaline																				
	i) Raising of new nursery Stock for 2023-24	No.	0	0	0	0	0	0	6268	0	0	0	0	0	0	0	0	0	0	0	6268
	ii) Maintenance of replacement plants upto July 2022	No.	0	0	0	0	0	0	3178	0	0	0	0	0	0	0	0	0	0	0	3178
	iii) Raising of plants for Maintenance of 2022-23 to be planted during 2023-24	No.	0	0	0	0	0	0	1341	0	0	0	0	0	0	0	0	0	0	0	1341
	iv) Raising of plants for Maintenance of 2021-22 to be planted during 2023-24	No.	0	0	0	0	0	0	329	0	0	0	0	0	0	0	0	0	0	0	329
	v) Raising of plants for Maintenance of 2020-21 to be planted during 2023-24	No.	0	0	0	0	0	0	1740	0	0	0	0	0	0	0	0	0	0	0	1740

ANNUAL PLAN OF OPERATION 2022-23
Propagation of nursery stock for CA Plantations
Physical Target

Sr. No.	COMPONENTS	Unit	In Numbers																Total		
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali		CF R&T	State Authority
	Total		0	0	0	0	0	0	12856	0	0	0	0	0	0	0	0	0	0	0	12856
	Waterlogged																				5197
	i) Raising of new nursery Stock for 2023-24	No.	0	0	0	0	0	0	5197	0	0	0	0	0	0	0	0	0	0	0	8868
	ii) Maintenance of replacement plants upto July 2022	No.	0	0	0	0	0	0	8868	0	0	0	0	0	0	0	0	0	0	0	2799
	iii) Raising of plants for Maintenance of 2022-23 to be planted during 2023-24	No.	0	0	0	0	0	0	2799	0	0	0	0	0	0	0	0	0	0	0	40
	iv) Raising of plants for Maintenance of 2021-22 to be planted during 2023-24	No.	0	0	0	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	169
	v) Raising of plants for Maintenance of 2020-21 to be planted during 2023-24	No.	0	0	0	0	0	0	169	0	0	0	0	0	0	0	0	0	0	0	17074
	Total	No.	0	0	0	0	0	0	17074	0	0	0	0	0	0	0	0	0	0	0	17074
	Enrichment Planting																				19746
	i) Raising of new nursery Stock for 2023-24	No.	0	0	16584	0	0	0	0	0	3163	0	0	0	0	0	0	0	0	0	17989
	ii) Maintenance of replacement plants upto July 2022	No.	0	0	16735	0	0	0	0	0	1254	0	0	0	0	0	0	0	0	0	41
	iii) Raising of plants for Maintenance of 2022-23 to be planted during 2023-24	No.	0	0	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9897
	iv) Raising of plants for Maintenance 2021-22 to be planted during 2023-24	No.	0	0	9897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	v) Raising of plants for Maintenance of 2020-21 to be planted during 2023-24	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	No.	0	0	43256	0	0	0	0	0	4417	0	0	0	0	0	0	0	0	0	47672

ANNUAL PLAN OF OPERATION 2022-23
Propagation of nursery stock for CA Plantations
Physical Target

Sr. No.	COMPONENTS	Unit	In Numbers																	Total	
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CF R&T		State Authority
	Grand Total																				
	i) Raising of new nursery Stock for 2023-24	No.	69857	58402	60913	120260	102589	16988	24148	20376	21763	64478	40523	24849	40085	126996	71102	8928	0	0	872256
	ii) Maintenance of replacement plants upto July 2022	No.	34114	128889	61392	213731	45848	15907	31297	61099	45659	54287	88582	82141	26959	383129	66281	5778	0	0	1345092
	iii) Raising of plants for Maintenance of 2022-23 to be planted during 2023-24	No.	1614	25196	125	39227	1252	2393	6891	14533	9790	7805	17391	19593	2822	89722	6849	125	0	0	245327
	iv) Raising of plants for Maintenance 2021-22 to be planted during 2023-24	No.	0	10261	36521	17388	35	439	631	174	0	69	9328	1524	583	9803	12878	304	0	0	99940
	v) Raising of plants for Maintenance of 2020-21 to be planted during 2023-24	No.	733	3648	0	14409	551	142	3160	1084	3531	750	1082	528	395	175	693	2881	0	0	33765
	Grand total	No.	106318	226395	158951	405016	150276	35870	66127	97266	80744	127388	156906	128635	70845	609825	157803	18016		0	2596380
2	Cost of Polythene Bags for CA Plantation	Kg.																	8410	0	8410

ANNUAL PLAN OF OPERATION 2022-23
Propagation of nursery stock for CA Plantations
Financial Target

Sr. No.	COMPONENTS	Rate	In Lac																	Total	
			Amritsar	Bathinda	Dasuya	Muksar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CF R&T		State Authority
1	Nursery Stock																				
	Degraded																				
	i) Raising of new nursery Stock for 2023-24	As per Gol Approval	0.58	9.05	0.03	14.10	0.45	0.86	0.99	5.22	3.52	2.80	6.25	7.04	1.01	32.24	2.46	0.04	0.00	0.00	86.66
	ii) Maintenance of replacement plants upto July 2022	7.00	2.39	9.02	3.13	14.96	3.21	1.11	1.35	4.28	3.11	3.80	6.20	5.75	1.89	26.82	4.64	0.40	0.00	0.00	92.05
	iii) Raising of plants for Maintenance 2022-23 to be planted during 2023-24	9	0.15	2.27	0.01	3.53	0.11	0.22	0.25	1.31	0.88	0.70	1.57	1.76	0.25	8.07	0.62	0.01	0.00	0.00	21.70
	iv) Raising of plants for Maintenance 2021-22 to be planted during 2023-24	9	0.00	0.92	2.40	1.56	0.00	0.04	0.02	0.02	0.00	0.01	0.84	0.14	0.05	0.88	1.16	0.03	0.00	0.00	8.07
	v) Raising of plants for Maintenance 2020-21 to be planted during 2023-24	9	0.07	0.33	0.00	1.30	0.05	0.01	0.11	0.10	0.32	0.07	0.10	0.05	0.04	0.02	0.06	0.26	0.00	0.00	2.87
	Total		3.18	21.60	5.56	35.45	3.82	2.24	2.72	10.92	7.83	7.38	14.95	14.74	3.24	68.04	8.94	0.75	0.00	0.00	211.36
2	Saline/Alkaline																				
	i) Raising of new nursery Stock for 2023-24	As per Gol Approval	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48
	ii) Maintenance of replacement plants upto July 2022	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
	iii) Raising of plants for Maintenance 2022-23 to be planted during 2023-24	9	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
	iv) Raising of plants for Maintenance 2021-22 to be planted during 2023-24	9	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
	v) Raising of plants for Maintenance 2020-21 to be planted during 2023-24	9	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
	Total		0	0	0	0	0	0	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.01

ANNUAL PLAN OF OPERATION 2022-23
Propagation of nursery stock for CA Plantations
Financial Target

Sr. No.	COMPONENTS	Rate	In Lac																	Total		
			Amritsar	Bathinda	Dasuya	Muksar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CF R&T		State Authority	
	Waterlogged																				0.00	
	i) Raising of new nursery Stock for 2023-24	As per Gol Approval	0.00	0.00	0.00	0.00	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.01
	ii) Maintenance of replacement plants upto July 2022	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62
	iii) Raising of plants for Maintenance 2022-23 to be planted during 2023-24	9	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25
	iv) Raising of plants for Maintenance 2021-22 to be planted during 2023-24	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	v) Raising of plants for Maintenance 2020-21 to be planted during 2023-24	9	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
	Total		0	0	0	0	0	0	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.90
	Enrichment planting																					0.01
	i) Raising of new nursery Stock for 2023-24	As per Gol Approval	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
	ii) Maintenance of replacement plants upto July 2022	7.00	0.00	0.00	1.17	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.26
	iii) Raising of plants for Maintenance 2022-23 to be planted during 2023-24	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	iv) Raising of plants for Maintenance 2021-22 to be planted during 2023-24	9	0.00	0.00	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89
	v) Raising of plants for Maintenance 2020-21 to be planted during 2023-24	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total		0	0	2.08	0	0	0	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.17

ANNUAL PLAN OF OPERATION 2022-23
Propagation of nursery stock for CA Plantations
Financial Target

Sr. No.	COMPONENTS	Rate	In Lac																	Total	
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CF R&T		State Authority
	Grand Total																				0.00
	i) Raising of new nursery Stock for 2023-24	As per Gol Approval	0.58	9.05	0.04	14.10	0.45	0.86	2.48	5.22	3.52	2.80	6.25	7.04	1.01	32.24	2.46	0.04	0.00	0.00	88.16
	ii) Maintenance of replacement plants upto July 2022	7	2.39	9.02	4.30	14.96	3.21	1.11	2.19	4.28	3.20	3.80	6.20	5.75	1.89	26.82	4.64	0.40	0.00	0.00	94.16
	iii) Raising of plants for Maintenance of 2022-23 to be planted during 2023-24	9	0.15	2.27	0.01	3.53	0.11	0.22	0.62	1.31	0.88	0.70	1.57	1.76	0.25	8.07	0.62	0.01	0.00	0.00	22.08
	iv) Raising of plants for Maintenance 2021-22 to be planted during 2023-24	9	0.00	0.92	3.29	1.56	0.00	0.04	0.06	0.02	0.00	0.01	0.84	0.14	0.05	0.88	1.16	0.03	0.00	0.00	8.99
	v) Raising of plants for Maintenance of 2020-21 to be planted during 2023-24	9	0.07	0.33	0.00	1.30	0.05	0.01	0.28	0.10	0.32	0.07	0.10	0.05	0.04	0.02	0.06	0.26	0.00	0.00	3.04
	Sub total		3.18	21.60	7.64	35.45	3.82	2.24	5.63	10.92	7.91	7.38	14.95	14.74	3.24	68.04	8.94	0.75	0.00	0.00	216.43
	Cost of Polythene Bags for CA Plantation	205																			85.64
	Grand Total		3.18	21.60	7.64	35.45	3.82	2.24	5.63	10.92	7.91	7.38	14.95	14.74	3.24	68.04	8.94	0.75	85.64	0.00	302.08

PART III
ANNUAL PLAN OF OPERATION 2022-23
Artificial Regeneration
Rehabilitation of Degraded Forest Areas (Plantation)
Physical Target (80% of NPV)

Annexure 2 (Phy.)

Sr. No	COMPONENTS	Unit	Area in Ha.																	Total
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandher	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	
i)	Advance Earth work for 2023-24 without nursery stock	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2100	2100
ii)	Advance Earth work for 2022-23 without nursery stock	ha	0	0	0	0	0	0	0	0.00	0	0	0	0	0	0	0	0	300	300
iii)	Plantation 2022-23	ha	239	138	85	235	354	104	135	227	63	186	87	364	74	35	30	99	300	2755
iv)	Maintenance of Plantation in 2021-22 without Nursery Stock (1st main.)	ha	283	143	75	217	339	60	177	179	15	275	226	426	45	0	177	71	0	2708
v)	Maintenance of Plantation in 2020-21 without Nursery Stock (2nd main.)	ha	250	150	120	110	290	150	220	250	65	225	200	360	65	10	80	80	0	2625
vi)	Maintenance of plantation 2019-20 without Nursery Stock (3rd main.)	ha	70	300	186	207	50	100	194.50	250	135	110	200	414	89	55	121	145	0.00	2626.5

ANNUAL PLAN OF OPERATION 2022-23
Artificial Regeneration
Rehabilitation of Degraded Forest Areas (Plantation)
Financial Target (80% of NPV)

Sr. No	COMPONENTS	Rate	Wage Rate @ 383/-														State Authority	Total		
			Amritsar	Bathinda	Desuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur			Ropar	Mohali
(i)	Advance Earth work for 2023-24 without nursery stock	22566	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	473.89	473.89
ii)	Advance Earth work for 2022-23 without nursery stock	22566	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.70	67.70
iii)	Plantation 2022-23	73836	176.47	101.89	62.76	173.51	261.38	76.79	99.68	167.61	46.52	137.33	64.24	268.76	54.64	25.84	22.15	73.10	221.51	2034.18
iv)	Maintenance of Plantation in 2021-22 without Nursery Stock (1st main.)	55467	156.97	79.32	41.60	120.36	188.03	33.28	98.18	99.29	8.32	152.53	125.36	236.29	24.96	0.00	98.18	39.38	0.00	1502.05
v)	Maintenance of Plantation in 2020-21 without Nursery Stock (2nd main.)	24983	62.46	37.47	29.98	27.48	72.45	37.47	54.96	62.46	16.24	56.21	49.97	89.94	16.24	2.50	19.99	19.99	0.00	655.80
vi)	Maintenance of plantation 2019-20 without Nursery Stock (3rd main.)	13341	9.34	40.02	24.81	27.62	6.67	13.34	25.95	33.35	18.01	14.68	26.68	55.23	11.87	7.34	16.14	19.34	0.00	350.40
	Total		405.24	258.71	159.15	348.98	528.53	160.89	278.77	362.70	89.09	360.76	266.24	650.22	107.71	35.68	156.46	151.81	763.09	5084.02

ANNUAL PLAN OF OPERATION 2022-23
Artificial Regeneration
Enrichment Plantation in Kandi Area

Sr. No.	COMPONENTS	Unit	Area in Ha.																Total	
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali		State Authority
i)	Advance Earth work for 2023-24 without Nursery stock	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2200	2200
ii)	Advance Earth work for 2022-23 without Nursery stock	ha			0														200	200
iii)	Plantation 2022-23	ha			300					250				350	300	400	400	200	2200	
iv)	Maintenance of Plantation in 2021-22 without Nursery stock (1st main.)	ha	0	0	150	0	0	0	0	295	0	0	0	400	500	365	410	0	2120	
v)	Maintenance of Plantation in 2020-21 without Nursery stock(2nd main.)	ha	0	0	200	0	0	0	0	235	0	0	0	330	300	300	350	0	1715	
vi)	Maintenance of plantation 2019-20 without Nursery stock (3rd main.)	ha	0	0	225	0	0	0	0	200	0	0	0	194	500	300	400	0	1819	

ANNUAL PLAN OF OPERATION 2022-23
Artificial Regeneration
Enrichment Plantation in Kandl Area

Wage Rate @ 383/-

(Rs. In lakh)

Sr. No.	COMPONENTS	Rate	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total	
i)	Advance Earth work for 2023-24 without Nursery stock	32658	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	718.48	718.48
ii)	Advance Earth work for 2022-23 without Nursery stock	32658	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.32	65.32
iii)	Plantation 2022-23	48300	0.00	0.00	144.90	0.00	0.00	0.00	0.00	0.00	120.75	0.00	0.00	0.00	169.05	144.90	193.20	193.20	96.60	1062.60	
iv)	Maintenance of Plantation in 2021-22 without Nursery stock (1st main.)	31622	0.00	0.00	47.43	0.00	0.00	0.00	0.00	0.00	93.28	0.00	0.00	0.00	126.49	158.11	115.42	129.65	0.00	670.39	
v)	Maintenance of Plantation in 2020-21 without Nursery stock(2nd main.)	24124	0.00	0.00	48.25	0.00	0.00	0.00	0.00	0.00	56.69	0.00	0.00	0.00	79.61	72.37	72.37	84.43	0.00	413.73	
vi)	Maintenance of plantation 2019-20 without Nursery stock (3rd main.)	12107	0.00	0.00	27.24	0.00	0.00	0.00	0.00	0.00	24.21	0.00	0.00	0.00	23.49	60.54	36.32	48.43	0.00	220.23	
	Total		0.00	0.00	267.82	0.00	0.00	0.00	0.00	0.00	294.94	0.00	0.00	0.00	398.63	435.92	417.31	455.71	880.39	3150.73	

ANNUAL PLAN OF OPERATION 2022-23

Artificial Regeneration

Plantation in Waterlogged Areas

Physical Target (80% of NPV)

Sr. No.	COMPONENTS	Unit	Area in Ha.																	
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total
i)	Advance Earth work for 2023-24 without Nursery Stock	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
ii)	Advance Earth work for 2022-23 without Nursery Stock	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
iii)	Plantation 2022-23	ha	0	0	0	0	0	0	10	0	0	20	0	0	0	0	0	0	0	30
iv)	Maintenance of Plantation in 2021-22 without Nursery Stock (1st main.)	ha	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	0	0	29
v)	Maintenance of Plantation in 2020-21 without Nursery Stock (2nd main.)	ha	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	18
vi)	Maintenance of plantation 2019-20 without Nursery Stock (3rd main.)	ha	0	0	0	0	0	0	40	0	0	0	0	0	0	0	0	0	0	40

ANNUAL PLAN OF OPERATION 2022-23
Artificial Regeneration
Plantation in Waterlogged Areas
Financial Target (80% of NPV)

Wage Rate @ 383/-

(Rs. In lakh)

Sr. No.	COMPONENTS	Rate	Amritsar	Bathinda	Dasuya	Muksar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total	
i)	Advance Earth work for 2023-24 without Nursery Stock	116063	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ii)	Advance Earth work for 2022-23 without Nursery Stock	116063	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
iii)	Plantation 2022-23	51146	0.00	0.00	0.00	0.00	0.00	0.00	5.11	0.00	0.00	10.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.34
iv)	Maintenance of Plantation in 2021-22 without Nursery Stock (1st main.)	36083	0.00	0.00	0.00	0.00	0.00	0.00	10.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.46
v)	Maintenance of Plantation in 2020-21 without Nursery Stock (2nd main.)	21366	0.00	0.00	0.00	0.00	0.00	0.00	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.85
vi)	Maintenance of plantation 2019-20 without Nursery Stock (3rd main.)	11071	0.00	0.00	0.00	0.00	0.00	0.00	4.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.43
	Total		0.00	0.00	0.00	0.00	0.00	0.00	23.85	0.00	0.00	10.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.08

ANNUAL PLAN OF OPERATION 2022-23
Artificial Regeneration
Plantation in Alkaline Areas
Physical Target (80% of NPV)

Sr. No.	COMPONENTS	Unit	Area in Ha.																Total	
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali		State Authority
i)	Advance Earth work for 2023-24 without Nursery Stock	ha	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
ii)	Advance Earth work for 2022-23 without Nursery Stock	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
iii)	Plantation 2022-23	ha	0	0	0	0	0	0	37	0	0	0	0	0	0	0	0	0	0	37
iv)	Maintenance of Plantation in 2021-22 without Nursery Stock (1st main.)	ha	0	0	0	0	0	0	75	0	0	0	0	0	0	0	0	0	0	75
v)	Maintenance of Plantation in 2020-21 without Nursery Stock (2nd main.)	ha	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	100
vi)	Maintenance of plantation 2019-20 without Nursery Stock (3rd main.)	ha	0	0	0	0	0	0	85	0	0	0	0	0	0	0	0	0	0	85

ANNUAL PLAN OF OPERATION 2022-23
Artificial Regeneration
Plantation in Alkaline Areas
Financial Target (80% of NPV)

Wage Rate @ 383/-

(Rs. In lakh)

Sr. No	COMPONENTS	Rate	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total	
i	Advance Earth work for 2023-24 without Nursery Stock	69685	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ii)	Advance Earth work for 2022-23 without Nursery Stock	69685	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
iii)	Plantation 2022-23	91877	0.00	0.00	0.00	0.00	0.00	0.00	33.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.99
iv)	Maintenance of Plantation in 2021-22 without Nursery Stock (1st main.)	48780	0.00	0.00	0.00	0.00	0.00	0.00	36.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.59
v)	Maintenance of Plantation in 2020-21 without Nursery Stock (2nd main.)	36809	0.00	0.00	0.00	0.00	0.00	0.00	36.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.81
vi)	Maintenance of plantation 2019-20 without Nursery Stock (3rd main.)	11647	0.00	0.00	0.00	0.00	0.00	0.00	9.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.90
	Total		0.00	0.00	0.00	0.00	0.00	0.00	117.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117.29

ANNUAL PLAN OF OPERATION 2022-23
Artificial Regeneration
Plantation With Tall Plants along roads
Physical Target (80% of NPV)

Sr. No.	COMPONENTS	Unit	Area in Ha.																	
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total
	Plantation with Tall plant																			
1a	Raising of new nursery stock	No.	10750	17250	6250	28500	22250	20500	35500	34750	5000	19500	25500	10000	12500	9000	2500	21250	20000	301000
1b	Maintenance of existing nursery	No.	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	0	160000
2	Cost of Tall plants (min 6 ft height)	No.	1500	13500	0	40000	19500	500	26500	9000	0	20500	28500	8000	3000	3500	0	11000	20000	205000
3	Plantation of Tall plants	No.	6500	18500	2500	45000	24500	5500	31500	14000	5000	25500	32500	10000	8000	8500	0	16000	20000	273500
4	1st Maintenance	No.	15000	16000	10000	12000	20000	35500	39500	55500	5000	13500	18500	10000	17000	9500	5000	26500	0	308500
5	2nd Maintenance	No.	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	25000	5000	5000	5000	5000	0	100000
6	3rd maintenance	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note Available plants out of maintenance of existing nursery of the year 2021-22 will be used in the Plantation of Tall plant 2022-23.

ANNUAL PLAN OF OPERATION 2022-23
Artificial Regeneration
Plantation With Tall Plants along roads
Financial Target (80% of NPV)

Wage Rate @ 383/-

Rs in Lakhs

Sr. No.	COMPONENTS	Rate	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total	
	Plantation with Tall plant																				
1a	Raising of new nursery stock	21	2.26	3.62	1.31	5.99	4.67	4.31	7.46	7.30	1.05	4.10	5.36	2.10	2.63	1.89	0.53	4.46	4.20	63.21	
1b	Maintenance of existing nursery plants	20	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	0.00	32.00	
2	Cost of Tall plants (min 6 ft height)	41	0.62	5.54	0.00	16.40	8.00	0.21	10.87	3.69	0.00	8.41	11.69	3.28	1.23	1.44	0.00	4.51	8.20	84.05	
3	Plantation of Tall plants	181	11.77	33.49	4.53	81.45	44.35	9.96	57.02	25.34	9.05	46.16	58.83	18.10	14.48	15.39	0.00	28.96	36.20	495.04	
4	1st Maintenance	135	20.25	21.60	13.50	16.20	27.00	47.93	53.33	74.93	6.75	18.23	24.98	13.50	22.95	12.83	6.75	35.78	0.00	416.48	
5	2nd Maintenance	92	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	23.00	4.60	4.60	4.60	4.60	0.00	0.00	
6	3rd maintenance	84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Total		41.49	70.84	25.94	126.64	90.61	68.99	135.26	117.85	23.45	83.48	107.44	61.98	47.89	38.14	13.88	80.31	48.60	1090.77	

ANNUAL PLAN OF OPERATION 2022-23
Artificial Regeneration
Maintenance of Irrigated Bamboo Plantation in Forest area
Physical Target (80% of NPV)

Sr. No.	COMPONENTS	Unit	Area in Ha.																Total	
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali		State Authority
i	Earth work for 2022-23 with Nursery Stock and Plantation	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ii	Maintenance of Plantation 2021-22 (1st main.)	ha	10	5	10	5	10	5	5	5	20	5	5	10	10	20	10	10	0	145
iii	Maintenance of plantation (2nd main.)	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
iv	Maintenance of plantation (3rd main.)	ha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ANNUAL PLAN OF OPERATION 2022-23
Artificial Regeneration
Maintenance of Irrigated Bamboo Plantation in Forest area
Physical Target (80% of NPV)

Sr. No.	COMPONENTS	Rate (Rs. in lakh)	Rs. In Lakh																Total		
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali		State Authority	
i	Earth work for 2022-23 with Nursery Stock and Plantation	271000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ii	Maintenance of Plantation 2021-22 (1st main.) with Nursery stock	48892	4.89	2.44	4.89	2.44	4.89	2.44	2.44	2.44	9.78	2.44	2.44	4.89	4.89	9.78	4.89	4.89	0.00	0.00	70.89
iii	Maintenance of plantation (2nd main.) with Nursery stock	47519	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
iv	Maintenance of plantation (3rd main.) with Nursery stock	44999	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total		4.89	2.44	4.89	2.44	4.89	2.44	2.44	2.44	9.78	2.44	2.44	4.89	4.89	9.78	4.89	4.89	0.00	0.00	70.89

ANNUAL PLAN OF OPERATION 2022-23
Silvicultural operations in forest, Soil and Moisture Conservation works in the Forest
Financial Target (80% of NPV)

Sr. No.	COMPONENTS	Rate (in Rs)	Wage Rate @ 38% (Rs. In Lakh)																CF R & T	State Authority	Total
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali			
1	Silvicultural operations in forests and Salvage felling	l/s	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.00	140.00	182.00
2	Soil and Moisture Conservation works in the Forest																				
	i) Dry Stone masonry check	1245	0.00	0.00	43.58	0.00	0.00	0.00	0.00	31.13	0.00	0.00	0.00	43.58	43.58	43.58	43.58	0.00	12.45	261.45	
	ii) Single line live hedge	98000	0.00	0.00	24.50	0.00	0.00	0.00	0.00	11.76	0.00	0.00	0.00	24.50	24.50	24.50	24.50	0.00	24.50	163.66	
	iii) Brush wood Checkdam	154	0.00	0.00	3.85	0.00	0.00	0.00	0.00	4.62	0.00	0.00	0.00	4.62	4.62	3.77	4.62	0.00	1.54	27.64	
	iv) Gate wire Structure	2212	0.00	0.00	44.24	0.00	0.00	0.00	0.00	30.97	0.00	0.00	0.00	44.24	66.36	44.24	70.78	0.00	22.12	322.95	
	v) Cement Masonry Structure	5053	0.00	0.00	111.17	0.00	0.00	0.00	0.00	50.53	0.00	0.00	0.00	111.17	126.33	126.33	126.33	0.00	50.53	702.37	
	vi) creation of new water bodies/ Ponds	1000000		0.00	10.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	10.00	10.00	10.00	10.00	0.00	0.00	60.00	
	Total		0.00	0.00	237.33	0.00	0.00	0.00	0.00	139.00	0.00	0.00	0.00	238.10	275.38	252.41	284.70	42.00	251.14	1720.07	

Note :- As per the instructions of DG Forests and Special Seceretary Govt. The amount proposed in Ropar Forest Division will be utilised as per the proposal recommended by WAPCOS. The DPR is not received officially till date.

ANNUAL PLAN OF OPERATION 2022-23
Protection of plantation and Forest, Forest Fire prevention, control operations and Pest and disease control in Forest
Physical Target (80% of NPV)

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	DFO Training	CFR & T	State Authority	Total	
1 a	Protection of plantation and Forest																						
i)	Demarcation Forests boundaries	l/s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ii)	Digitization of Forests boundaries	l/s																					
iii)	Installation of boundary pillars	l/s																					
iv)	Repair of Boundry pillars on the Forest boundaries	l/s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Tree guard																						
	Bamboo Tree Guard	Nos.	4625	13625	1625	33500	18125	3875	23375	10250	3500	48875	24125	7062	5750	6125	0	11750	0	0	8000	194187	
2	Forest Fire prevention, control operations/ Fire fighting equipments																						
a	Fire Tenders (Big)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0
b	Fire Tenders (Small) mounted on Jeep	Nos.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0
c	Mounted Sprayer	Nos.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0
d	Spray Pump/ Other Equipments	Nos.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0.00	20
e	Fire Watchers	Nos.	150	135	135	100	150	100	150	150	70	50	75	150	100	100	100	100	0	0	25.00	0.00	1840
3 (i)	Forest Protection measures including fencing etc.	L/S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	Total Station Survey	l/s																					

ANNUAL PLAN OF OPERATION 2022-23

Construction of residential and official buildings in forest for Frontline staff up to the rank of Range officers deployed for protection of forest and wildlife, Construction , up-gradation and maintenance of inspection paths, forest roads in forest area, fire lines, watch towers, check posts and timber depots

Physical Target (20% NPV)

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muksar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CF R & T	State Authority	Total	
1	Constructions of new buildings																					
i)	Range Office	Nos.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
ii)	Range Residence	Nos.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
iii)	Forester & Forest Guard House etc.	Nos.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
2	Repair / Maintenance of buildings																					
i)	Range Office	Nos.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ii)	Range Residence	Nos.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
iii)	Forester & Forest Guard House etc.	Nos.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
iv)	Maintenance and upkeep of State Forest Research Institute, Punjab at Ludhiana	Nos.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
3	Creation , up-gradation																					
i)	Firelines in Hills	KM	0	0	7	0	0	0	0	0	7	0	0	0	7	7	7	7	0	0	20	62
ii)	Firelines in Plains	KM	0	0	0	0	7	0	7	5	0	0	7	7	0	7	0	7	0	0	20	67
iii)	Watch towers	Nos.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Maintenance of firelines																					
i)	Firelines in Hills	KM	0	0	16	0	0	0	0	0	9	0	0	0	17	25	25	5	0	0	0	97
ii)	Firelines in Plains	KM	5	0	5	0	5	8	15	5	5	10	5	15	0	5	0	0	0	0	0	83
iii)	Watch towers	Nos.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
iv)	Inspection Hut used by frontline staff for supervision of afforestation work	Nos.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2

ANNUAL PLAN OF OPERATION 2022-23

construction of residential and official buildings in forest for Frontline staff up to the rank of Range officers deployed for protection of forest and wildlife, Construction , up-gradation and maintenance of inspection paths, forest roads in forest area, fire lines, watch towers, check posts and timber depots

Financial Target (20% NPV)

Wage Rate @ Rs. 383/-

Rs. in lakh)

Sr. No.	COMPONENTS	Rate (Rs. in lakh)	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CF R & T	State Authority	Total	
1	Constructions of new buildings																					
i)	Range Office	18.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00	36.00
ii)	Range Residence	18.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00	18.00
iii)	Forester & Forest Guard House etc	12.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00	36.00
2	Repair / Maintenance of buildings																					
i)	Range Office	6.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
ii)	Range Residence	6.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
iii)	Forester & Forest Guard House etc	4.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
iv)	Maintenance and upkeep of State Forest Research Institute, Punjab at Ludhiana	10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10.00
3	Construction , up-gradation																					
i)	Firelines in Hills	1.10	0.00	0.00	7.70	0.00	0.00	0.00	0.00	0.00	7.70	0.00	0.00	0.00	7.70	7.70	7.70	7.70	0.00	0.00	22.00	68.20
ii)	Firelines in Plains	0.55	0.00	0.00	0.00	0.00	3.85	0.00	3.85	2.75	0.00	0.00	3.85	3.85	0.00	3.85	0.00	3.85	0.00	0.00	11.00	36.85
iii)	Watch towers	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Maintenance of firelines																					
i)	Firelines in Hills	0.55	0.00	0.00	8.80	0.00	0.00	0.00	0.00	0.00	4.95	0.00	0.00	0.00	9.35	13.75	13.75	2.75	0.00	0.00	0.00	53.35
ii)	Firelines in Plains	0.28	1.40	0.00	1.40	0.00	1.40	2.24	4.20	1.40	1.40	2.80	1.40	4.20	0.00	1.40	0.00	0.00	0.00	0.00	0.00	23.24
iii)	Watch towers		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IV)	Inspection Hut used by frontline staff for supervision of afforestation work	10.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	20.00
	Total		1.40	0.00	17.90	0.00	15.25	2.24	8.05	4.15	14.05	2.80	5.25	8.05	17.05	26.70	21.45	24.30	10.00	123.00	301.64	

ANNUAL PLAN OF OPERATION 2022-23

Survey and mapping of forest area for forest fire control compensatory afforestation works and wildlife management for preparing Annual Plan to be executed from State Fund, Independent concurrent monitoring and evaluation and third party monitoring of various works under taken from State Fund
Financial Target (20% of NPV)

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	All supervisory field officers	CWLW	State Authority	Total		
1	Survey and mapping of forest area 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.																					L/s	L/S	
a	LiDAR Survey	As per MoU																					L/s	L/S
b	Survey by ICAR, Chandigarh	As per MoU																					L/s	L/S
c	Drone Survey	As per MoU																					L/s	L/S
2	Independent concurrent monitoring and evaluation	As per requirement																					L/s	L/S
3	Monitoring and Evaluation by third party and external agencies (FRI and WIL, Dehradun etc.)	As per MoU																					L/s	L/S
4	Purchase of Dornes for Monitoring and surveillance works	No.																					1	1

ANNUAL PLAN OF OPERATION 2022-23
Propagation of nursery stock for NPV Plantations
Physical Target (20% of NPV)

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshanker	Hoshiarpur	Ropar	Mohali	State Authority	Total	CF R&T	
1	Nursery Stock																					
	Degraded																					
	i) Raising of new nursery Stock for 2023-24	No.	242075	210163	133975	221088	296988	119025	208869	260475	79925	228850	204988	449650	78488	28750	117300	113563	86250	3080419		
	ii) Maintenance of replacement plants upto July 2022	No.	407654	260334	161500	375581	560652	174330	266654	384602	103540	323975	222738	651178	119540	48305	101731	164813	0	4327127		
	iii) Raising of plants for Maintenance of 2022-23 to be planted during 2023-24	No.	68832	39744	24480	67680	101952	29952	38880	65376	18144	53568	25056	104832	21312	10080	8640	28512	86400	793440		
	iv) Raising of plants for Maintenance of 2021-22 to be planted during 2023-24	No.	48959	24739	12975	37541	58647	10380	30621	30967	2595	47575	39098	73698	7785	0	30521	12283	0	468484		
	v) Raising of plants for Maintenance of 2020-21 to be planted during 2023-24	No.	28750	17250	13800	12650	33350	17250	25300	28750	7475	25875	23000	41400	7475	1150	9200	9200	0	301875		
	Total	No.	796270	552230	346730	714540	1051589	350937	570323	770170	211679	679843	514880	1320758	234600	88285	267492	328371	172650	8971344		
	Saline/Alkaline																					
	i) Raising of new nursery Stock for 2023-24	No.	0	0	0	0	0	0	85388	0	0	0	0	0	0	0	0	0	0	85388		
	ii) Maintenance of replacement plants upto July 2022	No.	0	0	0	0	0	0	91225	0	0	0	0	0	0	0	0	0	0	91225		
	iii) Raising of plants for Maintenance of 2022-23 to be planted during 2023-24	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	iv) Raising of plants for Maintenance of 2021-22 to be planted during 2023-24	No.	0	0	0	0	0	0	12975	0	0	0	0	0	0	0	0	0	0	12975		
	v) Raising of plants for Maintenance of 2020-21 to be planted during 2023-24	No.	0	0	0	0	0	0	11500	0	0	0	0	0	0	0	0	0	0	11500		

ANNUAL PLAN OF OPERATION 2022-23
Propagation of nursery stock for NPV Plantations
Physical Target (20% of NPV)

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total	CF R&T
	Total		0	0	0	0	0	0	201088	0	0	0	0	0	0	0	0	0	0	201088	
	Waterlogged																				
	i) Raising of new nursery Stock for 2023-24	No.	0	0	0	0	0	0	27888	0	0	5750	0	0	0	0	0	0	0	33638	
	ii) Maintenance of replacement plants upto July 2022	No.	0	0	0	0	0	0	27566	0	0	23000	0	0	0	0	0	0	0	50566	
	iii) Raising of plants for Maintenance of 2022-23 to be planted during 2023-24	No.	0	0	0	0	0	0	2880	0	0	5760	0	0	0	0	0	0	0	8640	
	iv) Raising of plants for Maintenance of 2021-22 to be planted during 2023-24	No.	0	0	0	0	0	0	5017	0	0	0	0	0	0	0	0	0	0	5017	
	v) Raising of plants for Maintenance of 2020-21 to be planted during 2023-24	No.	0	0	0	0	0	0	2070	0	0	0	0	0	0	0	0	0	0	2070	
	Total	No.	0	0	0	0	0	0	65421	0	0	34510	0	0	0	0	0	0	0	99931	
	EP																				
	i) Raising of new nursery Stock for 2023-24	No.	0	0	125781	0	0	0	0	0	140875	0	0	0	183138	230000	196219	224250	28750	1129013	
	ii) Maintenance of replacement plants upto July 2022	No.	0	0	224125	0	0	0	0	0	217840	0	0	0	298288	327550	296710	341940	115000	1821453	
	iii) Raising of plants for Maintenance of 2022-23 to be planted during 2023-24	No.	0	0	43200	0	0	0	0	0	36000	0	0	0	50400	43200	57600	57600	28800	316800	
	iv) Raising of plants for Maintenance 2021-22 to be planted during 2023-24	No.	0	0	12900	0	0	0	0	0	25370	0	0	0	34400	43000	31390	35260	0	182320	
	v) Raising of plants for Maintenance of 2020-21 to be planted during 2023-24	No.	0	0	11400	0	0	0	0	0	13395	0	0	0	18810	17100	17100	19950	0	97755	
	Total	No.	0	0	417406	0	0	0	0	0	433480	0	0	0	585036	660850	599019	679000	172550	3547341	

ANNUAL PLAN OF OPERATION 2022-23
Propagation of nursery stock for NPV Plantations
Physical Target (20% of NPV)

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total	CF R&T	
	Grand Total																					
	i) Raising of new nursery Stock for 2023-24	No.	242075	210163	259756	221088	296988	119025	322144	260475	220800	234600	204988	449650	261625	258750	313519	337813	115000	4328456		
	ii) Maintenance of replacement plants upto July 2022	No.	407654	260334	385625	375581	560652	174330	385445	384602	321380	346975	222738	651178	417828	375855	398441	506753	115000	6290371		
	iii) Raising of plants for Maintenance of 2022-23 to be planted during 2023-24	No.	68832	39744	67680	67680	101952	29952	41760	65376	54144	59328	25056	104832	71712	53280	66240	86112	115200	1118880		
	iv) Raising of plants for Maintenance 2021-22 to be planted during 2023-24	No.	48959	24739	25875	37541	58647	10380	48613	30967	27965	47575	39098	73698	42185	43000	62011	47543	0	668796		
	v) Raising of plants for Maintenance of 2020-21 to be planted during 2023-24	No.	28750	17250	25200	12650	33350	17250	38870	28750	20870	25875	23000	41400	26285	18250	26300	29150	0	413200		
	Grand Total of Replacement plants	No.	407654	260334	385625	375581	560652	174330	385445	384602	321380	346975	222738	651178	417828	375855	398441	506753	115000	6290371		
	Grand Total of new raising for 2023-24	No.	388616	291896	378511	338959	490937	176607	451387	385568	323779	367378	292142	669580	401807	373280	468070	500618	230200	6529332		
	Grand total	No.	796270	552230	764136	714540	1051589	350937	836831	770170	645159	714353	514880	1320758	819635	749135	866511	1007371	345200	12819703		
2	Cost of Polythene Bags for NPV Plantation	Kg.																	0	0	41778	

ANNUAL PLAN OF OPERATION 2022-23
Propagation of nursery stock for NPV Plantations
Financial Target (20% of NPV)

Rs. in Lakh

Sr. No.	COMPONENTS	Rate	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total	CF R&T	G. Total
1	Nursery Stock																					
	Degraded																					
	i) Raising of new nursery Stock for 2023-24	9	21.79	18.91	12.06	19.90	26.73	10.71	18.80	23.44	7.19	20.60	18.45	40.47	7.06	2.59	10.56	10.22	7.76	277.24		277.24
	ii) Maintenance of replacement plants upto July 2022	7.00	28.54	18.22	13.31	26.29	39.25	12.20	18.67	26.92	7.25	22.68	15.59	45.58	8.37	3.38	7.12	11.54	0.00	302.90		302.90
	iii) Raising of plants for Maintenance 2022-23 to be planted during 2023-24	9	6.19	3.58	2.20	6.09	9.18	2.70	3.50	5.88	1.63	4.82	2.26	9.43	1.92	0.91	0.78	2.57	7.78	71.41		71.41
	iv) Raising of plants for Maintenance 2021-22 to be planted during 2023-24	9	4.41	2.23	1.17	3.38	5.28	0.93	2.76	2.79	0.23	4.28	3.52	6.63	0.70	0.00	2.76	1.11	0.00	42.16		42.16
	v) Raising of plants for Maintenance 2020-21 to be planted during 2023-24	9	2.59	1.55	1.24	1.14	3.00	1.55	1.28	2.59	0.67	2.33	2.07	3.73	0.67	0.10	0.83	0.83	0.00	27.17		27.17
	Total		63.51	44.49	27.98	56.80	83.43	28.10	46.00	61.62	16.98	54.71	41.88	105.84	18.72	6.98	22.04	26.26	15.54	720.88		720.88
2	Saline/Alkaline																					0.00
	i) Raising of new nursery Stock for 2023-24	9	0	0	0	0	0	0	7.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.68	0	7.68
	ii) Maintenance of replacement plants upto July 2022	7.00	0	0	0	0	0	0	6.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.39		6.39
	iii) Raising of plants for Maintenance 2022-23 to be planted during 2023-24	9	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
	iv) Raising of plants for Maintenance 2021-22 to be planted during 2023-24	9	0	0	0	0	0	0	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17		1.17
	v) Raising of plants for Maintenance 2020-21 to be planted during 2023-24	9	0	0	0	0	0	0	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04		1.04
	Total		0	0	0	0	0	0	16.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.27		16.27
	Waterlogged																					0.00
	i) Raising of new nursery Stock for 2023-24	9	0	0	0	0	0	0	2.51	0.00	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.03		3.03

ANNUAL PLAN OF OPERATION 2022-23
Propagation of nursery stock for NPV Plantations
Financial Target (20% of NPV)

Rs. in Lakh

Sr. No.	COMPONENTS	Rate	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total	CF R&T	G. Total	
	ii) Maintenance of replacement plants upto July 2022	7.00	0	0	0	0	0	0	1.93	0.00	0.00	1.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.54		3.54	
	iii) Raising of plants for Maintenance 2022-23 to be planted during 2023-24	9	0	0	0	0	0	0	0.26	0.00	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78		0.78	
	iv) Raising of plants for Maintenance 2021-22 to be planted during 2023-24	9	0	0	0	0	0	0	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45		0.45	
	v) Raising of plants for Maintenance 2020-21 to be planted during 2023-24	9	0	0	0	0	0	0	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19		0.19	
	Total		0	0	0	0	0	0	5.34	0.00	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.98		7.98	
	EP																						0.00
	i) Raising of new nursery Stock for 2023-24	9	0	0	11.32	0	0	0	0.00	0.00	12.68	0.00	0.00	0.00	16.48	20.70	17.66	20.18	2.59	101.61		101.61	
	ii) Maintenance of replacement plants upto July 2022	7.00	0	0	15.69	0	0	0	0.00	0.00	15.25	0.00	0.00	0.00	20.88	72.93	20.77	23.94	8.05	127.50		127.50	
	iii) Raising of plants for Maintenance 2022-23 to be planted during 2023-24	9	0	0	3.89	0	0	0	0.00	0.00	3.24	0.00	0.00	0.00	4.54	3.89	5.18	5.18	2.59	28.51		28.51	
	iv) Raising of plants for Maintenance 2021-22 to be planted during 2023-24	9	0	0	1.16	0	0	0	0.00	0.00	2.28	0.00	0.00	0.00	3.10	3.87	2.83	3.17	0.00	16.41		16.41	
	v) Raising of plants for Maintenance 2020-21 to be planted during 2023-24	9	0	0	1.03	0	0	0	0.00	0.00	1.21	0.00	0.00	0.00	1.69	1.54	1.54	1.80	0.00	8.80		8.80	
	Total		0	0	33.08	0	0	0	0.00	0.00	34.66	0.00	0.00	0.00	46.69	52.93	47.98	54.27	13.23	282.83		282.83	
	Grand Total																						
	i) Raising of new nursery Stock for 2023-24	9	21.79	18.91	23.38	19.90	26.73	10.71	28.99	23.44	19.87	21.11	18.45	40.47	23.55	23.29	28.22	30.40	10.35	389.56	0.00	389.56	
	ii) Maintenance of replacement plants upto July 2022	7	28.54	18.22	26.99	26.29	39.25	12.20	26.98	26.92	22.50	24.29	15.59	45.58	29.25	26.31	27.89	35.47	8.05	440.33		440.33	

ANNUAL PLAN OF OPERATION 2022-23
Propagation of nursery stock for NPV Plantations
Financial Target (20% of NPV)

Rs. in Lakh

Sr. No.	COMPONENTS	Rate	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total	CF R&T	G. Total
	iii) Raising of plants for Maintenance of 2022-23 to be planted during 2023-24	9	6.19	3.58	6.09	6.09	9.18	2.70	3.76	5.88	4.87	5.34	2.26	9.43	6.45	4.80	5.96	7.75	10.37	100.70		100.70
	iv) Raising of plants for Maintenance 2021-22 to be planted during 2023-24	9	4.41	2.23	2.33	3.38	5.28	0.93	4.38	2.79	2.52	4.28	3.52	6.63	3.80	3.87	5.58	4.28	0.00	60.19		60.19
	v) Raising of plants for Maintenance of 2020-21 to be planted during 2023-24	9	2.59	1.55	2.27	1.14	3.00	1.55	3.50	2.59	1.88	2.33	2.07	3.73	2.37	1.64	2.37	2.62	0.00	37.19		37.19
	Grand Total of Replacement plants	7	28.54	18.22	26.99	26.29	39.25	12.20	26.98	26.92	22.50	24.29	15.59	45.58	29.25	26.31	27.89	35.47	8.05	440.33		440.33
	Grand Total of new raising for 2023-24	9	34.98	26.27	34.07	30.51	44.18	15.89	40.62	34.70	29.14	33.06	26.29	60.26	36.16	33.60	42.13	45.06	20.72	587.64		587.64
	Sub total		63.51	44.49	61.06	56.80	83.43	28.10	67.61	61.62	51.64	57.35	41.88	105.84	65.41	59.91	70.02	80.53	28.77	1027.97		1027.97
	Cost of Polythene Bags for NPV Plantation	205																		0.00	85.64	85.64
	Total		63.51	44.49	61.06	56.80	83.43	28.10	67.61	61.62	51.64	57.35	41.88	105.84	65.41	59.91	70.02	80.53	28.77	1027.97	85.64	1113.60

ANNUAL PLAN OF OPERATION 2022-23
Supply of nursery stock for plantation at subsidized rates to public and other institutions
Physical Target (20% of NPV)

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CFR & T	State Authority	Total	
1	Nursery Stock																					
	i) Raising of new nursery Stock for 2022-23	No. (in Lakh)	2.00	2.00	2.00	2.00	2.00	1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00				31.00
	ii) Maintenance of Existing plants (2021-22)	No. (in Lakh)																				0.00
2	Cost of Polythene Bags for NPV Plantation	Kg.																	10333	0		10333

ANNUAL PLAN OF OPERATION 2022-23
Supply of nursery stock for plantation at subsidized rates to public and other institutions
Financial Target (20% of NPV)

Wage rate @ 383/-

(Rs. In lakh)

Sr. No.	COMPONENTS	Rate	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CF R & T	State Authority	Total	
1	Nursery Stock																					
	i) Raising of new nursery Stock for 2022-23	10	20.00	20.00	20.00	20.00	20.00	10.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	0.00	0.00	0.00	310.00
	ii) Maintenance of Existing plants (2021-22)	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Cost of Polythene Bags for NPV Plantation	205																	21.18	0	21.18	
	Total		20.00	20.00	20.00	20.00	20.00	10.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	21.18	0.00	0.00	331.18

ANNUAL PLAN OF OPERATION 2022-23

Establishment, up-gradation and maintenance of nurseries and other planting stock production facilities for production of quality planting material
Physical Target (20% of NPV)

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Stohall	CF R & T	State Authority	Total	
1	Nursery Stock Tall Plant																					
	i) Raising of new nursery Stock	No. (in Lakh)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.00	0	1.00	
	ii) Maintenance of Existing plants	No. (in Lakh)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.00	0	1.00	
4	Establishment of Modern nursery																					0.00
	Fencing with barbed wire	L/S	L/S	L/S	L/S	L/S	L/S	L/S	L/S	L/S	L/S	L/S	L/S	L/S	L/S	L/S	L/S	L/S	L/S	L/S	L/S	L/S
	Establishment of vermicompost unit	No.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	16.00
	Establishment of Seed Store	No.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	16.00
	Trolley	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	Tanker	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	Solar Panel	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	Solar light	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	Boring of Tubewell	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	Solar Pump	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	Trolley with Lift	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	Nursery Seed Store Room	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	Grass cutting machine	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	Chain saw machine	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00

ANNUAL PLAN OF OPERATION 2022-23

Establishment, up-gradation and maintenance of nurseries and other planting stock production facilities for production of quality planting material
Financial Target (20% of NPV)

(Rs. In lakh)

Sr. No.	COMPONENTS	Rate (Rs)	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CF R & T	State Authority	Total	
1	Nursery Stock Tall Plant																					
	i) Raising of new nursery Stock	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.00	0.00	21.00	
	ii) Maintenance of Existing plants	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	20.00	
	Sub Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.00	0.00	41.00	
4	Establishment of Modern nursery																					
	Fencing with barbed wire	L/S	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	32.00	
	Establishment of vermicompost unit	200000	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	32.00	
	Establishment of Seed Store	200000	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	32.00	
	Trolley	130000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Tanker	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Solar Panel	180000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Solar light	17000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Boring of Tubewell	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Solar Pump	400000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Trolley with Lift	300000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Nursery Seed Store Room	268000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Grass cutting machine	32000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Chain saw machine	29000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Sub Total		6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	0.00	0.00	96.00	
	Grand Total		6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	41.00	0.00	137.00	

ANNUAL PLAN OF OPERATION 2022-23

Purchase and maintenance of equipment or devices used for communication and information technology for the purpose of protection of forest and wildlife

Physical Target (20% of NPV)

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	DFO Training	CF R & T	State Authority	Total		
1	Purchase of equipment or devices used for communication and information technology including photocopier etc.	L/S																				L/S	L/S	
2	Maintenance of equipment or devices used for communication and information technology for CAMPA Authority	L/S																					L/S	L/S
3	Strengthening of IT infrastructure including purchase of equipments for CAMPA Authority	L/S																					L/S	L/S
4	GPS	No.	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	285

ANNUAL PLAN OF OPERATION 2022-23

Purchase and maintenance of equipment or devices used for communication and information technology for the purpose of protection of forest and wildlife

Financial Target: (20% of NPV)

(Rs. In lakh)

Sr. No.	COMPONENTS	Rate	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	Training	CF R & T	State Authority	Total		
1	Purchase of equipment or devices used for communication and information technology including photocopier etc.	L/s																				40.00	40.00	
2	Maintenance of equipment or devices used for communication and information technology	L/s																					25.00	25.00
3	Strengthening of IT infrastructure including purchase of equipments for CAMPA Authority	L/s																					70.00	70.00
4	GPS	0.15	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	42.75	
	Total		2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	137.25	177.75	

ANNUAL PLAN OF OPERATION 2022-23

Publicity cum awareness programme and exhibition on various schemes being implemented by the State Authority from State Fund and Capacity building of personell involved in utilization of State Fund
Physical Target (20% of NPV)

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CF R & T	DFO Training	CF (Ext.)	DFO (Ext.) Patiala	DFO (Ext.) Phillaur	DFO (Ext.) Bathinda	State Authority	Total
1	Publicity cum awareness programme																									
i	Sign board on important plantation sites	No.	25	25	25	25	25	15	25	25	20	25	25	25	25	25	25	25	84	0	25	25	25	25	0	569
ii	Publicity cum awareness programme and Exhibition	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s	l/s
iii	Monopoles depicting achievements under CAMPA etc.	No.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	2	18
iv	Awareness Camp	No.																				10	10	10		30
2	Capacity building																									
i)	Training and Awareness/Stake Holders through outsourcing consultants	No.	0	0	2	0	0	0	0	0	2	0	0	0	2	2	2	2	0	0	0	2	2	2	2	20
ii)	Training of Frontline Staff, official and Officers dealing with the activities of the APO	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	3
iii)	Computer Literacy Training	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	4
iv)	Training of fire fighting	L/S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2					l/s	l/s
v)	Other Trainings (Modern technology in Forest and Wildlife Management)	L/S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5					l/s	l/s
vi)	National level workshop on sustainable management of soil and water resources in forest area.																								l/s	l/s

ANNUAL PLAN OF OPERATION 2021-22

Publicity cum awareness programme and exhibition on various schemes being implemented by the State Authority from State Fund and Capacity building of personell Involved in utilization of State Fund
Financial Target (20% of NPV)

Sr. No.	COMPONENTS	Rate	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	CF R & T	DFD Training	CF (Ext.)	DFD (Ext.) Patiala	DFD (Ext.) Phillaur	DFD (Ext.) Bathinda	State Authority	Total
1	Publicity cum awareness programme																									
i)	Sign board on important plantation sites	2500	0.63	0.63	0.63	0.63	0.63	0.38	0.63	0.63	0.50	0.63	0.63	0.63	0.63	0.63	0.63	0.63	2.10	0.00	0.63	0.63	0.63	0.63	0.00	14.23
ii)	Publicity cum awareness programme and Exhibition	1/5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.00	4.00	4.00	4.00	4.00	21.00
iii)	Monopoles depicting achievements under CAMPA etc	50000	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	1.00	9.00
	Awareness Camp	100000																				10.00	10.00	10.00		30.00
2	Capacity building																									
i)	Training and Awareness/Stake Holders through outsourcing consultants	1/5	0	0	1.00	0	0	0	0	0	1.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0	0.00	0	1.00	1.00	1.00	1.00	10.00
ii)	Training of Frontline Staff, official and Officers dealing with the activities of the APO	1/5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.07	0	0	0	0	0.00	21.07
iii)	Computer Literacy Training	1/5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.52	0	1.50	1.50	1.50	0	7.02
iv)	Training of fire fighting	1/5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.81	0	0	0	0	0.00	1.81
v)	Other Trainings (Modern technology in Forest and Wildlife Management)	1/5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.51	0	0	0	0	5.04	9.55
vi)	National level workshop on sustainable management of soil and water resources in forest area.																								25.00	25.00
Total			1.13	1.13	2.13	1.13	1.13	0.88	1.13	1.13	2.00	1.13	1.13	1.13	2.13	2.13	2.13	2.13	2.10	29.91	5.63	17.13	17.13	17.13	36.04	148.68

ANNUAL PLAN OF OPERATION 2022-23
Biodiversity Management in Wildlife
Physical & Financial Target (80% of NPV)

Amount in Lacs

Sr. No.	Components	Ferozepur (WL)	Patiala (WL)	Sangrur (WL)	Pathankot (WL)	Phillaur (WL)	Hoshiarpur (WL)	Ropar (WL)	Amritsar	Total	CWLW/PPA	G.Total
(A)	80% NPV											
	Integrated Wildlife Management Plan	Fin.	Fin.	Fin.	Fin.	Fin.	Fin.	Fin.	Fin.	Fin.	Fin.	Fin.
1	Assisted Natural regeneration in Wildlife areas	0	0	0	0	0	2234360	0	1173300	3407660	0	3407660
2	Artificial regeneration by plantation in wildlife areas (500/ha)	1236208	8821185	320000	3777178	0	0	9559355	0	23713926	0	23713926
3	Silviculture Operations in Wildlife areas	0	1667920	0	0	0	0	0	0	1667920	0	1667920
4	Protection of Plantation and Forests	0	2202720	183560	0	0	0	991224	0	3377504	0	3377504
5	Forest Fire Prevention & Control Operations	350000	660816	1262670	1355850	638010	2457520	440544	135600	7301010	0	7301010
6	Soil and Moisture Conservation Works in Wildlife Areas	1000000	800000	0	1929118	2950000	3019200	2418700	118800	12245818	0	12245818
7	Improvement of Wildlife habitat as per Prescribed in the approved Wildlife Management Plan	2602080	1140000	0	6233778	1992415	967150	895848	443550	14274821	0	14274821
8	Establishment Operation and Maintenance of animal rescue centre and veterinary treatment facilities for wild animals	4903400	3731180	450000	1200000	3749398	1675208	500000	1052672	17261858	0	17261858
9	Supply of Wood saving, cooking appliances in forest fringe villages	0	0	0	0	0	0	0	0	0	0	0
10	Engagement of Local People and Labour to assist regular staff for Protection of Wildlife	0	660816	440544	0	0	0	0	0	1101360	0	1101360
11	Construction of Interpretation Center including visitor amenities Waterholes	0	0	0	0	0	0	0	0	0	0	0
12	Management of Biological Diversity and Biological Resources	0	0	0	0	0	0	1000000	0	1000000	0	1000000
13	Restoration of invasive species infested wildlife habitat in saline & alkaline areas in wild life sanctuaries	0	12890250	0	0	0	0	0	0	12890250	0	12890250
	Sub Total	10091688	32574887	2656774	14495924	9339823	10353438	15805671	2923922	98242127	0	98242127
	Overhead Charges (2%)	201834	651498	53135	289918	186796	207069	316113	58478	1964843	0	1964843
	Total of 80%	10293522	33226385	2709909	14785842	9526619	10560507	16121784	2982400	100206970	0	100206970

1002.07 lakh

ANNUAL PLAN OF OPERATION 2022-23
Biodiversity Management in Wildlife
Physical & Financial Target (20% of NPV)

Sr. No.	Components	Ferozepur (WL)	Patiala (WL)	Sangrur (WL)	Pathankot (WL)	Phillaur (WL)	Hoshiarpur (WL)	Ropar (WL)	Amritsar	Total	CWLW/PP A	G.Total
		Fin.	Fin.	Fin.	Fin.	Fin.	Fin.	Fin.	Fin.	Fin.	Fin.	Fin.
	20% NPV											
1	Establishment, Up-gradation and Maintenance of modern nurseries and other planting stock production facilities for production of quality planting materials	0	0	0	0	0	0	0	0	0	0	0
2	Promoting conservation, sustainable use and documentation of biological diversity including preservation of habitats, conservation of land and folk varieties and cultivars, domesticated stock and breeds of animals and microorganisms and chronicling of knowledge relating to biological diversity	200000	200000	0	0	300000	0	0	0	700000	0	700000
3	Purchase and maintenance of equipments used for forest fire control for the purpose of protection of forest and wildlife	3800000	100000	260000	2056100	136000	291686	4200000	156843	11900629	0	11900629
4	Construction, up-gradation and maintenance of inspection paths, forest roads in forest area, firelines, watch towers, check posts etc.	2049990	2223120	200000	0	639620	0	1241370	0	6354100	0	6354100
5	Casual Engagement of local people or labour to assist regular staff	440544	0	0	1817244	1211496	2422992	0	440544	6332620	0	6332620
6	Construction of residential and official buildings in Forest for front line staff deployed for protection of forest and wildlife	0	0	0	0	0	0	1000000	0	1000000	0	1000000
7	Survey and Mapping of Forest areas, Wildlife Management, Fencing of Birds, WLS	0	200000	0	0	500000	0	450000	0	1150000	0	1150000
8	Independent Concurrent Monitoring and evaluation and third party monitoring of various works undertaken from State Funds	0	0	0	0	0	0	0	0	0	5000000	5000000
9	Publicity-cum-awareness programme and exhibition on the various schemes being implemented by the State Authority from State Fund	3430500	475000	50000	2480500	784000	1015000	800000	453000	9507000	0	9507000
10	Entry Point activities undertaken in forest fringe villages for execution of programmes to be undertaken from the State Fund	0	0	0	0	0	0	0	0	0	0	0
	Sub Total	9930034	3198120	510000	7263844	3571116	3729676	7691370	1050387	36944549	5000000	41944549
	Overhead Charges (2%)	198601	63962	10200	145277	71422	74594	153827	21908	738891	0	738891
	Total of 20%	10128635	3262082	520200	7409121	3642538	3804272	7845197	1071395	37683440	5000000	42683440
	Grand Total	20422156	36488467	3230109	22194963	13169158	14364778	23966982	4053795	137890410	5000000	142890410

80% 1002.07
20% 426.83
Grand Total 1428.90 lakh

**Grand
Total**

FEROZEPUR WILDLIFE DIVISION, FEROZEPUR

Annual Plan of Operations (PUNCAMPA)

for the Year 2022-23

(Amount in Rs.)

Sr. No.	Components/Parameters	Unit	Qty.	Unit Rate	Total Amount	Remarks
	80% NPV					
1	Assisted Natural regeneration in Wildlife areas	0	0	0	0	
				Sub Total	0	
2	Artificial regeneration by plantation in wildlife areas					
a	Plantation of Fruit & Fodder trees in Hanke Wildlife Sanctuary (500 Plants/Per Ha)	Ha	2	125500	251000	Plantation of 2 ha Fruit & Fodder trees in Headworks Beat at Hanke Wild Life Sanctuary (As per estimate attached) Annexure-1
b	Plantation of Fruit & Fodder trees in Beas Conservation Reserve (500 Plants/Per Ha)	Ha	5	125500	627500	Plantation of 5 ha Fruit & Fodder trees in Beas Conservation Reserve (As per estimate attached) Annexure-2
c	2nd year Maintenance of Fruit, Fodder and shelter trees under PUNCAMPA in Hanke Wild Life Sanctuary (Plantation done during the year 2020-21)	Ha	5.50	42067	231369	Maintenance of 5.5 ha plantation Fruit & Fodder trees done in Deva Singh Wala Beat during the year 2020-21 Maintenance of 5.5 Ha plantation of Fruit & Fodder trees done in deva singh wala Beat during the year 2020-21 (As per attached estimate) Annexure-3
d	3rd year Maintenance of Fruit, Fodder and shelter trees under PUNCAMPA in Hanke Wild Life Sanctuary (Plantation done during the year 2019-20)	Ha	5	10986	54930	Maintenance of 5 ha plantation Fruit & Fodder trees done in Deva Singh Wala Beat during the year 2019-20 (As per attached estimate) (Annexure-4)
e	3rd year Maintenance of khejri plants planted in Abohar Wild Life Sanctuary (Plantation done during the year 2019-20)	Ha	6.50	10986	71409	Maintenance of 6.5 ha plantation of khejri plants done in Abohar Wildlife Sanctuary Area (as per attached estimate)(Annexure-5)
				Total	1236208	
3	Silviculture Operations in Wildlife areas	0	0	0	0	
				Total	0	
4	Protection of Plantation and Forests	0	0	0	0	
				Total	0	
5	Forest Fire Prevention & Control Operations					
a	Purchase of fire fighting equipment, tools etc with installation charges	L/s	L/s	L/s	350000	The Purchase Portable Pump Set for Fire Fighting and allied equipment are necessary for controlling forest fire Hanke and Abohar Wildlife Sanctuary (as per estimate attached Annexure-6)
					Total	350000
6	Soil and Moisture Conservation work in Wildlife Areas					
a	Creation of jetty points for protection and patrolling purpose	No	2	500000	1000000	Creation of 2 jetty points for protection and patrolling purpose (Detail as per annexed attached (Annexure-7)
					Sub Total	1000000
7	Improvement of Wildlife Habitat as per prescribed in the approved Wildlife Management Plan					

FEROZEPUR WILDLIFE DIVISION, FEROZEPUR

Annual Plan of Operations (PUNCAMPA)

for the Year 2022-23

(Amount in Rs.)

Sr. No.	Components/Parameters	Unit	Qty.	Unit Rate	Total Amount	Remarks
a	Removal of obnoxious weeds like water hyacinth in selected parts of sanctuary area	Ha	10	127483	1274830	Also called as Jalkumbi. It is a free floating weed. It increases during summer season and its free floating. Thus kml will be made post removal as per there then position. Removal of water hyacinth estimated attached (Annexure-9)
b	Monitoring & survey of Wildlife animals, birds/Black Buck, gharial and dolphin in Harike Wild Life Sanctuary release of gharial	L/s	L/s	L/s	1000000	Regular Gharial Monitoring is done by by department of Forest and Wildlife Preservation and done by Field staff in Harike Sanctuary to protect gharial Being in Lower stream of beas gharials are eventually monitored here. Engagement of labour, transportation etc for 12 months. detail as per estimate attached Annexure 10
c	Removal of unwanted weeds like (Marijuana, Lallana etc) in Harike Wild Life Sanctuary	Ha	10	32725	327250	Removal of unwanted weeds like Marijuana, lallana etc at LMB Bundh in Harike Wildlife Sanctuary estimate attached Annexure-11
Total					2602080	
8	Establishment Operation and Maintenance of animals rescue Centre and Veterinary treatment facilities for Wild animals					
a	Rescue and rehabilitation of strayed, injured wild animals and birds including transportation, medicines, equipment & Animal feed	L/s	L/s	L/s	500000	Rescue of different wild animals is done by the field staff on regular basis. This includes capturing of the animal, any medical assistance if required and rehabilitation of the wild life animals. Detail as per estimate attached Annexure-13
b	Watch & Ward, Rescue helper for protected areas of Harike and Abohar Wild Life Sanctuary to protect the sanctuary for 12 months (25x26x12)	Mendays	7800	353	2753400	Engagement of labour is needed for Watch and Ward activities in the sanctuary. Similarly manpower is also required for rescue operations
c	Purchase of 1 Boat for field rescue & rehabilitation in Harike wildlife sanctuary and Beas Conservation Reserve (5.5 FRP Boat with 40 HP 5 stroke steering system), with jacket, fuel, maintenance and running charges etc.	No	1	1500000	1500000	Purchase of 1 Boat for purpose of field rescue & rehabilitation in Harike Wildlife Sanctuary and Beas Conservation Reserve Price as per the rates from Gem Portal. Annexure-14
d	Purchase of Solar Street Light in Harike	No	10	15000	150000	Street light as per the price and conditions given by PEDA, Chandigarh. As per estimate attached Annexure-15
Sub Total					4903400	
9	Supply of Wood saving cooking appliances in forest fringe villages	0	0	0	0	
Sub Total					0	
10	Engagement of Local People and Labour to assist regular staf for Protection of Wildlife	0	0	0	0	
Sub Total					0	
11	Construction of Interpretation Centre including visitor amenities Waterholes	0	0	0	0	
Sub Total					0	
12	Management of Biological Diversity and Biological Resources	0	0	0	0	
Sub Total					0	

FEROZEPUR WILDLIFE DIVISION, FEROZEPUR

Annual Plan of Operations (PUNCAMPA)

for the Year 2022-23

(Amount in Rs.)

Sr. No.	Components/Parameters	Unit	Qty.	Unit Rate	Total Amount	Remarks
13	Restoration of invasive species infested Wildlife Habitat in Saline & Alkaline areas in Wildlife Sanctuaries	0	0	0	0	
	Sub Total				0	
	Sub Total of 80% (NPV)				10091688	
	Overhead Charges/Contingency @ 2%				201834	
	Grand Total of 80% (NPV)				10293522	
	20 % of NPV					
1	Establishment, Up-gradation and Maintenance of modern nurseries and other planting stock production facilities for production of quality planting materials	0	0	0	0	
	Sub Total				0	
2	Promoting conservation, sustainable use and documentation of biological diversity including preservation of					
a	Publicity Material, Guide Material, documentaries Awareness material & website etc.	L/s	L/s	L/s	200000	Publicity Material & Guide Material -100000 Awareness material & website etc- 100000
	Sub Total				200000	
3	Purchase and maintenance of equipments used for communication and information technology for the purpose of protection of forest and wildlife	L/s	L/s	L/s	3800000	Includes IT material related to nature interpretation to enhance people's participation in Wildlife Conservation.
	Sub Total				3800000	
4	Construction, upgradation and maintenance of inspection paths, forest roads in forest area, firelines, watch towers, checkposts etc.					
a	Construction of New check post in Hanke Wildlife Sanctuary	No	1	550000	550000	Construction of New check post in Head works Beat at Hanke Wildlife Sanctuary as per estimate attached (Annexure-17)
b	Creation of Boundary wall in Range office complex wildlife sanctuary Hanke	Mtr	305	4918	1499090	Repar of Boundary wall in Range Office complex as per estimate attached. Estimate attached (Annexure-19)
	Total				2049090	
5	Casual Engagement of local people or labours to assist regular staff for the protection of forests and wildlife					
a	Engagement of local people as Fire Watchers (April-May-Jun) for Hanke Sanctuary, Abohar Sanctuary	Mandays	1248	353	440544	
	Sub Total				440544	
6	Construction of residential and Official Buildings in Forests for front line staff deployed for protection of Forests and Wildlife	0	0	0	0	
	Sub Total				0	
7	Survey and mapping of Forest areas of Wildlife Management, fencing of Birs, Wildlife Sanctuaries	0	0	0	0	
	Sub Total				0	

FEROZEPUR WILDLIFE DIVISION, FEROZEPUR

Annual Plan of Operations (PUNCAMPA)

for the Year 2022-23

(Amount in Rs.)

Sr. No.	Components/Parameters	Unit	Qty.	Unit Rate	Total Amount	Remarks
8	Independent, concurrent monitoring and evaluation and third party monitoring of various works undertaken from State Funds	0	0	0	0	
	Sub Total				0	
9	Publicity cum awareness programme and exhibition on the various schemes being implemented by the State Authority from State Funds					
a	Sensitization and awareness creation of people regarding nature and wildlife through various nature interpretive facilities and special programmes like slide show, seminars, Film shows etc.	L/s	L/s	L/s	3139500	Signages in Abohar, Harkie and Beas Conservation Reserve. Banners, posters, awareness events, sensitization rallies along with various nature interpretation material for the Harkie Interpretation Centre.
b	Preparation of wildlife related material like display boards, hoardings, signage in Abohar, Harkie and Beas Conservation Reserve and conduct Annual water bird census	L/s	L/s	L/s	300000	Signages in Abohar, Harkie and Beas Conservation Reserve and preparation of appropriate display boards, signages, hoardings and conduct annual water bird census
	Sub Total				3439500	
10	Entry Point activities undertaken in forest fringe villages for execution of programmes to be undertaken from the State Funds	0	0	0	0	
	Sub Total				0	
	Sub Total of 20% NPV				9930034	
	Overhead Charges/Contingency @ 2%				198601	
	Grand Total of 20% NPV				10128635	
	Grand Total of 80% & 20% NPV				20422157	

PATIALA WILDLIFE DIVISION, PATIALA
Annual Plan of Operations (PUNCAMPA)
for the Year 2022-23

Amount in Rs.

Sr. No.	Particulars	Unit	Qty	Unit Rate	Total Amount	Remarks
1	2	3	4	5	6	7
	80 % of NPV					
1	Assisted Natural regeneration in Wildlife areas	0	0	0	0	
				Sub Total	0	
2	Artificial Regeneration by Plantation in wildlife areas					
a	Recutting of weeds (2019-20) (Annexure-1)	Ha	25	11500	287500	
b	3rd year Maintenance of plantation of Mohi Bagh Wildlife Sanctuary under PUNCAMPA (Plantation done during the year 2019-20) (Annexure-2)	Ha	25	17500	437500	
c	Recutting of weeds (2019-20)	Ha	40	11500	460000	
d	3rd year Maintenance of plantation of Bhadson Wildlife Sanctuary under PUNCAMPA (Plantation done during the year 2019-20)	Ha	40	17500	700000	
e	Recutting of weeds (2020-21)	Ha	30	11500	345000	
f	2nd year Maintenance of plantation of Mohi Bagh Wildlife Sanctuary under PUNCAMPA (Plantation done during the year 2020-21) (Annexure-3)	Ha	30	42067	1262010	
g	Recutting of weeds (2020-21)	Ha	10	11500	115000	
h	2nd year Maintenance of plantation of Bhadson Wildlife Sanctuary under PUNCAMPA (Plantation done during the year 2020-21)	Ha	10	42067	420670	
i	Recutting of weeds (2020-21)	Ha	15	11500	172500	
j	2nd year Maintenance of plantation of Dosanjh Wildlife Sanctuary under PUNCAMPA (Plantation done during the year 2020-21)	Ha	15	42067	631005	
k	Recutting of weeds (2021-22)	Ha	25	11500	287500	
l	1st year Maintenance of plantation of Malbagh Wildlife Sanctuary under PUNCAMPA (Plantation done during the year 2021-22) (Annexure-4)	Ha	25	50000	1250000	
m	Recutting of weeds (2021-22)	Ha	25	11500	287500	
n	1st year Maintenance of plantation of Bhadson Wildlife Sanctuary under PUNCAMPA (Plantation done during the year 2021-22)	Ha	25	55000	1375000	
o	Recutting of weeds (2021-22)	Ha	10	11500	115000	
p	1st year Maintenance of plantation of Mehas Wildlife Sanctuary under PUNCAMPA (Plantation done during the year 2021-22)	Ha	10	55000	550000	
				Sub Total	8821185	
3	Silviculture Operations in Wildlife areas					
a	Removal of weeds (Congress grass/ mesquite)	Ha	24.38	11500	280370	
b	Pruning of trees in plantation done under PUNCAMPA of Mehas Wildlife Sanctuary Year 2015-16 (12000x2=24000) (Annexure-5)	No. of Plants	24000	2150	51600	
c	Removal of weeds (Congress grass/ mesquite)	Ha	33.1	11500	380650	
d	Pruning of trees in plantation done under PUNCAMPA of Mehas Wildlife Sanctuary Year 2016-17 (16000x2=32000)	No. of Plants	32000	2150	68800	
e	Removal of weeds (Congress grass/ mesquite)	Ha	10	11500	115000	
f	Pruning of trees in plantation done under PUNCAMPA of Bhadson Wildlife Sanctuary Year 2017-18 (5000x2=10000)	No. of Plants	10000	2150	21500	
g	Creation of new water bodies (Annexure-6)	No.	1	750000	750000	
				Sub Total	1667920	

PATIALA WILDLIFE DIVISION, PATIALA
Annual Plan of Operations (PUNCAMPA)
for the Year 2022-23

Sr. No.	Particulars	Unit	Qty	Amount in Rs.		
				Unit Rate	Total Amount	Remarks
1	2	3	4	5	6	7
4	Protection of Plantation and Forests					
a	Protection and patrolling work of Wild Life Sanctuary of Patiala Wildlife Division (WLS Br. Motbagh) (4*12months*25days=1248 Mendedays)	Mendedays	1248	353	440544	
b	Protection and patrolling work of Wild Life Sanctuary of Patiala Wildlife Division (WLS Br. Bhunerher) (3*12months*25days=936 Mendedays)	Mendedays	936	353	330408	
c	Protection and patrolling work of Wild Life Sanctuary of Patiala Wildlife Division (WLS Br. Gurdalpur) (3*12months*25days=936 Mendedays)	Mendedays	936	353	330408	
d	Protection and patrolling work of Wild Life Sanctuary of Patiala Wildlife Division (WLS Br. Mehra) (3*12months*25days=936 Mendedays)	Mendedays	936	353	330408	
e	Protection and patrolling work of Wild Life Sanctuary of Patiala Wildlife Division (WLS Br. Dosanjh) (3*12months*25days=936 Mendedays)	Mendedays	936	353	330408	
f	Protection and patrolling work of Wild Life Sanctuary of Patiala Wildlife Division (WLS Br. Bhadson) (4*12months*25days=1248 Mendedays)	Mendedays	1248	353	440544	
				Total	2202720	
5	Forest Fire Prevention & Control Operations					
a	Fire Watcher (4 men * 6 Wildlife Sanctuary = 1872 Mendedays) (3 Months)	Mendedays	1872	353	660816	
				Total	660816	
6	Soil and Moisture Conservation Works in Wildlife Areas.					
a	Maintenance of artificial Wetland in Mot Bagh Wildlife Sanctuary created under PUNCAMPA during the year 2020-21	Ha	2	200000	400000	
b	Maintenance of artificial Wetland in Mot Bagh and Bhadson Wildlife Sanctuary created under PUNCAMPA during the year 2021-22	Ha	2	200000	400000	
				Total	800000	
7	Improvement of Wildlife habitat as per Prescribed in the approved Wildlife Management Plan					
a	Uprooting and Disposal of weeds in Br. Bhunerher Wildlife Sanctuary (Annexure-7)	Ha	5	57000	285000	
b	Uprooting and Disposal of weeds in Br. Dosanjh Wildlife Sanctuary	Ha	5	57000	285000	
c	Uprooting and Disposal of weeds in Br. Gurdalpur Wildlife Sanctuary	Ha	5	57000	285000	
d	Uprooting and Disposal of weeds in Br. Bhadson Wildlife Sanctuary	Ha	5	57000	285000	
				Sub Total	1140000	
8	Establishment Operation and Maintenance of animal rescue center and veterinary treatment facilities for wild animals					
a	Rescue and Rehabilitation of wild animals (Material, Rescue Kit, Maintenance of Rescue vehicle etc. (Annexure-8)		L.S	L.S	500000	
b	Labour requirement for rescue of wild animals (6*12months*25days=1560 Mendedays)	Mendedays	1560	353	550680	
c	Sterilization of stray cattle (male) in Wildlife Sanctuaries of Patiala Wildlife Division (Annexure-9)	No. of animals	60	4675	280500	
d	Creation of a Chainlink Fence isolation Zone of 25 ha for permanent isolation of sterilized stray animals as per Management Plan Prescription.	K.M	1.5	160000	240000	
				Sub Total	3721580	
9	Supply of Wood saving, cooking appliances in forest fringe villages					
				0	0	
				Sub Total	0	
10	Engagement of Local People and labour to assist regular staff for Protection of Wildlife					
a	Labour requirement for removing of plastics and removing of weeds around and along of Periphery in 6 wildlife sanctuary (3*6=18 labours 4 months=72 months * 26=1872 days)	Mendedays	1872	353	660816	
				Total	660816	

PATIALA WILDLIFE DIVISION, PATIALA
Annual Plan of Operations (PUNCAMPA)
for the Year 2022-23

Sr. No.	Particulars	Unit	Qty	Unit Rate	Amount in Rs.	
					Total Amount	Remarks
1	2	3	4	5	6	7
11	Construction of Interpretation Center including visitor amenities Waterholes	0	0	0	0	
				Sub Total	0	
12	Management of Biological Diversity and Biological Resources	0	0	0	0	
				Sub Total	0	
13	Restoration of invasive species infested wildlife habitat in saline & alkaline areas in wildlife sanctuaries					
a	Bir Bhunerbani					
i	A) Plantation Work (Annexure-10)	Ha	10	125000	1250000	
ii	B) Uprooting and Disposal of weeds	Ha	10	57000	570000	
iii	C) Charirik Fencing for separating plantation area (Annexure-11)	Km	1	1561000	1561000	
iv	D) Round Fencing	Plants	1250	2535	31688	
				Total	3417688	
b	Bir Bhadson					
i	A) Plantation Work	Ha	20	125000	2510000	
ii	B) Uprooting and Disposal of weeds	Ha	20	57000	1140000	
iii	C) Charirik Fencing for separating plantation area	Km	1.5	1561000	2341500	
iv	D) Round Fencing	Plants	2500	2535	63375	
				Sub Total	6054875	
c	WLS Bir Moebagh					
a	A) Plantation Work	Ha	10	125000	1250000	
b	B) Uprooting and Disposal of weeds	Ha	10	57000	570000	
c	C) Charirik Fencing for separating plantation area	Km	1	1561000	1561000	
d	D) Round Fencing	Plants	1250	2535	31688	
				Sub Total	3417688	
				Total	12890250	
				Sub Total 80% (NPV)	32574887	
				Overhead Charges/Contingency @ 2%	801498	
				Grand Total of 80% (NPV)	33226385	

PATIALA WILDLIFE DIVISION, PATIALA
Annual Plan of Operations (PUNCAMPA)
for the Year 2022-23

Sr. No.	Particulars	Unit	Qty	Unit Rate	Amount in Rs.	
					Total Amount	Remarks
1	2	3	4	5	6	7
	20% of NPV					
1	Establishment, Up-gradation and Maintenance of modern nurseries and other planting stock production facilities for production of quality planting materials	0	0	0	0	
				Sub Total	0	
2	Promotion conservation, sustainable use and documentation of biological diversity including preservation of habitats conservation of land and folk varieties and cultivars, domesticated stock and breeds of animals and microorganisms and chronicling of knowledge relating to biological diversity.					
a	Promotion conservation, sustainable use and documentation of biological diversity including preservation of habitats of Bir Mohi Singh and Bir Dossanji	L/S	L/S	L/S	200000	
				Total	200000	
3	Purchase and maintenance of equipments used for forest fire control for the purpose of protection of forest and wildlife					
a	Maintenance of fire equipments like Tractor and rotavator (during 2015-17), Deeping of tubewell (during 2015-16) purchased under PUNCAMPA	L/S	L/S	L/S	100000	
				Total	100000	
4	Construction, up-gradation and maintenance of inspection paths, forest roads in forest area, firelines, watch towers, check posts etc.					
a	Maintenance of Old Fire Lines created under PUNCAMPA last Year (Annexure-14)	Km	10	45190	723120	
b	Check post entry gate in Bir Mehas Wildlife Sanctuary	No	1	1500000	1500000	
				Total	2223120	
5	Casual Engagement of local people or labour to assist regular staff	0	0	0	0	
				Sub Total	0	
6	Construction of residential and official buildings in Forest for front line staff deployed for protection of forest and wildlife	0	0	0	0	
				Sub Total	0	
7	Survey and Mapping of Forest areas, Wildlife Management, Fencing of Birs, Wildlife Sanctuary					
a	Maintenance and Repair of old Chainlink of Wildlife Sanctuaries	L/S	L/S	L/S	200000	
				Total	200000	
8	Independent Concurrent Monitoring and evaluation and third party monitoring of various works undertaken from State Funds	0	0	0	0	
				Sub Total	0	
9	Publicity-cum-awareness programmes and exhibition on the various schemes being implemented by the State Authority from State Fund					
a	Sign board on important plantation site-Sanctuary (2015-16 to 2021-22)	No	15	5000	75000	
b	Publicity cum awareness programme and exhibition through a audio-video and printing Material etc one for each PA's	No	6	50000	300000	
c	Training and awareness/stake holders through outsourcing consultants (Annexure-15) (Camps)	L/S	L/S	L/S	100000	
				Total	475000	
10	Entry Point activities undertaken in forest fringe villages for execution of programmes to be undertaken from the State Fund	0	0	0	0	
				Sub Total	0	
				Sub Total 20% (NPV)	3198120	
				Overhead Charges/Contingency @ 2%	63962	
				Grand Total of 20% (NPV)	3262082	
				Grand Total of 80% NPV and 20% NPV	3648847	

SANGRUR FOREST DIVISION, SANGRUR
Annual Plan of Operation (PUNCAMPA)
for the year 2022-23

Amount in Rs.

Sr. No.	Components	Unit	Qty	Unit Rate	Amount	Remarks
1	2	3	4	5	6	7
	80% NPV					
1	Assisted Natural regeneration in Wildlife areas	0	0	0	0	
				Total	0	
2	Artificial Regeneration by Plantation in Wildlife Areas					
a	Uprootig of Mesquite previous plantation patches area and disposal	Ha	10	32000	320000	
				Total	320000	
3	Silviculture Operations in Wildlife Areas	0	0	0	0	
				Total	0	
4	Protection of Plantations and forests (2 Men X 10Months x 26 days)	Mendays	520	353	183560	
				Total	183560	
5	Forest Fire Preservation and Control Operations					
a	Maintenance of Firelines created under PUNCAMPA	Km.	5	165000	825000	
b	Maintenance of Chain Link fencing around Bir Aishwan procure under PUNCAMPA with wages and material	Rmt.	1000	300	300000	
c	Fire Watcher 5 men X 3 months x 26 days	Mendays	390	353	137670	
				Total	1262670	
6	Soil and Moisture Conservation work in Wildlife Areas	0	0	0	0	
				Total	0	
7	Improvement of Wildlife Habitat as per prescribed in the approved Wildlife Management Plan	0	0	0	0	
				Total	0	
8	Establishment , operation and Maintenance of animals rescue centre and vaterinary treatment facilities.					
a	Rescue Equipments (Tranquilizer Gun)	Ls/	Ls/	450000	450000	
				Total	450000	
9	Supply of Wood saving cooking appliances in forest fringe villages	0	0	0	0	
				Total	0	
10	Engagement of Local People and Labours to assist Regular Staff for protection of wildlife.					
a	Protection and patrolling work in Bir Aishwan WLS (Compartment no. 1 to 10) (5 men x 8 months x 26 days)	Mendays	1248	353	440544	
				Total	440544	
11	Construction of Interpretation Centre including visitor amenities Waterholes	0	0	0	0	
				Total	0	

SANGRUR FOREST DIVISION, SANGRUR
Annual Plan of Operation (PUNCAMPA)
for the year 2022-23

Amount in Rs.

Sr. No.	Components	Unit	Qty	Unit Rate	Amount	Remarks
1	2	3	4	5	6	7
12	Management of Biological Diversity and Biological Resources	0	0	0	0	
				Total	0	
13	Restoration of invasive species infested Wildlife Habitat in Saline & Alkaline areas in Wildlife Sanctuaries	0	0	0	0	
				Total	0	
				Total of 80% NPV	2656774	
				Contingency @ 2%	53135	
				Grand Total 80% NPV	2709909	
20% NPV						
1	Establishment, Up-gradation and Maintenance of modern nurseries and other planting stock production facilities for production of quality planting materials	0	0	0	0	
				Total	0	
2	Promoting conservation, sustainable use and documentation of biological diversity including preservation of habitats, Conservation of land and folk varieties and cultivars, domesticated stock and breeds of animals and microorganisms and chronicling of knowledge relating to biological diversity	0	0	0	0	
				Sub Total	0	
3	Purchase and maintenance of equipment used for forest fire control for the purpose of protection of forest and Wildlife.					
a	Fire Fighting Leaf Blower	No.	1	60000	60000	
b	Water tanker	No.	1	200000	200000	
				Total	260000	
4	Construction, Upgradation and maintenance of inspection paths, forest roads in forest roads in forest area, firelines, watch					
a	Inspection paths (Construction)	Km	1	150000	150000	
b	Preparation of New Water Ponds	No.	1	50000	50000	
				Total	200000	
5	Casual Engagement of local people or labours to assist regular staff for the protection of forests and wildlife	0	0	0	0	
				Total	0	
6	Construction of residential and Official Buildings in Forests for front line staff deployed for protection of Forests and Wildlife	0	0	0	0	
				Total	0	
7	Survey and mapping of Forest Area of Compensatory afforestation works	0	0	0	0	
8	Independent, concurrent monitoring and evaluation and third party monitoring of various works undertaken from State Funds	0	0	0	0	
				Total	0	

SANGRUR FOREST DIVISION, SANGRUR
Annual Plan of Operation (PUNCAMPA)
for the year 2022-23

						Amount in Rs.
Sr. No.	Components	Unit	Qty	Unit Rate	Amount	Remarks
1	2	3	4	5	6	7
9	Publicity cum awareness programme and exhibition on the various schemes begin implemented by the State authority form state fund	0	0	0	0	
a	Sign Board	No.	1	50000	50000	
				Total	50000	
10	Entry Point activities undertaken in forest fringe villages for execution of programmes to be undertaken from the State Funds	0	0	0	0	
				Sub Total	0	
				Total of 20% NPV	510000	
				Contigency @ 2%	10200	
				Grand Total of 20% NPV	520200	
				Grand Total of 80% +20% NPV	3230109	

PATHANKOT WILDLIFE DIVISION, PATHANKOT

Annual Plan of Operations (PUNCAMPA)

for the year 2022-23

Daily wages rate Rs 353/- per day

Sr. No.	Particulars	Unit	Qty.	Unit Cost	Total Amount	Remarks
80% of NPV						
1	Assisted Natural regeneration in Wildlife Areas	0	0	0	0	
				Total	0	
2	Artificial Regeneration by plantation in Wildlife Areas					
a	Fruit, fodder trees plantation in Kathlour Kushlian WLS (200 plants per Ha)	Ha	5	63214	316070	Attached Supporting Documents Annexure-A
b	Fruit, fodder trees plantation in Ranjit Sagar Dam Conservation Reserve (200 Plants per Ha)	Ha	5	63214	316070	
c	Construction of New brush wood fencing Ranjit Sagar Dam Conservation reserve.	Km	2	16389	32778	As per Schedule Rate
d	Maintenance of Plantation of 1st year in RSDCR & WLSKK under PUNCAMPA (Plantation during the year 2021-22)	Ha	20	55000	1100000	Attached Supporting Documents Annexure-B
e	Maintenance of Plantation 2nd year RSDCR & WLSKK under PUNCAMPA (Plantation during the year 2020-21)	Ha	40	42067	1682680	
f	Maintenance of Plantation 3rd year RSDCR, WLSKK & KCCR under PUNCAMPA (Plantation during the year 2019-20)	Ha	30	10996	329580	
				Total	3777178	
3	Silviculture Operations in Wildlife areas	0	0	0	0	
				Total	0	
4	Protection of Plantation and Forests	0	0	0	0	
				Total	0	
5	Forest Fire prevention and control operations					
a	Maintenance of old Fire line in Kathlour Kushlian created under PUNCAMPA	Km	25	45195	1129875	Attached Supporting Documents Annexure-C
b	Maintenance of old Fire line in Ranjit Sagar Dam Conservation Reserve created under PUNCAMPA.	Km	5	45195	225975	
				Total	1355850	
6	Soil and Moisture Conservation works in Wildlife Areas					
a	Preparation of Kacha Water Hole in WLS Kathlour- Kushlian & RSD Conservation Reserve. Size 10 Mtr x 7 Mtr x 2.50 mtr	No.	4	58962	235848	Attached Supporting Documents Annexure-H
b	Cont live hedge including cutting & carriage of material in Kathlour Kushlian WLS.	Mtr	1500	79.42	119130	As per Schedule Rate
c	Cont. live hedge including cutting & carriage of material in RSDCR.	Mtr	2000	79.42	158840	As per Schedule Rate
d	Planting of Khair, agave, Babbar grass including extraction and carriage of material. (RSDCR).	No.	8000	1.05	8400	As per Schedule Rate
e	Dry Stone Check Dam in RSDCR	Cum	400	1316	526400	Attached Supporting Documents Annexure-I
f	Crate wire structure in RSDCR	Cum	300	2935	880500	Attached Supporting Documents Annexure-J
				Total	1929118	
7	Improvement of Wildlife Habitat as per prescribed in the approved Wildlife Management Plan					
a	Removal of weeds (Kana, Mallaha, Lantana) in Kathlour Kushlian Wildlife Sanctuary	Ha	10	57000	570000	Attached Supporting Documents Annexure-D
b	Removal of weeds (Lantana & Mallaha) in RSDCR	Ha	10	57000	570000	
c	Repair of bush fencing 10,000 Rmt x 3 time =30,000 Rmt in KWLS purchsed under PUNCAMPA.	Rmt	30000	4.4	132000	As per Schedule Rate

PATHANKOT WILDLIFE DIVISION, PATHANKOT
Annual Plan of Operations (PUNCAMPA)
for the year 2022-23

Daily wages rate Rs 353/- per day

Sr. No.	Particulars	Unit	Qty.	Unit Cost	Total Amount	Remarks
d	Establishment of Salt lick KWLS & RSDCR (size 5x5mtr)	No	10	10000	100000	Market rate
e	Repair of Bush Fencing RSDCR purchased under PUNCAMPA	Mtr	5000	4.4	22000	As per Schedule Rate
f	Removal of weeds (Removal of water Hyacinth in KCCR)	Ha	10	127483	1274830	Attached Supporting Documents Annexure-E
g	Planting of Ipomea/Nanta/ Bamboo etc in KCCR. (single line spur)	Mtr	2000	79	158000	As per Schedule Rate
h	Repair of watch towers and Bird Hide in KCCR built up under PUNCAMPA	L/s	L/s	L/s	100000	Attached Supporting Documents Annexure-F
i	Chainlink Fencing in RSDCR & WLSKK	Km	4	750000	3000000	Attached Supporting Documents Annexure-G
j Maintenance of Nature Trail						
(i)	Purchase of Good Earth for maintenance & repair of vPath including carriage, loading & unloading prepare under PUNCAMPA	Trolly	200	1250	250000	As per Schedule Rate
(ii)	Labour charges for repair of inspection path in KCCR. (5000 L x 0.15 mt x 1.5 mt) prepare under PUNCAMPA	Cubic Mtr	750	75.93	56948	As per Schedule Rate
Total					6233778	
8 Establishment, operation and maintenance of animal rescue centre and veterinary treatment facilities for wild animals.						
a	Rescue and Rehabilitation of Wild animals including construction of rescue centre at WLS Kathiour-Kushian & KCCR	L/s	L/s	L/s	700000	Attached Supporting Documents Annexure-K
b	Purchase of tranquilizing equipments (Gun, Pistol, Net gun) and medicines, nets, body armour etc for rescue and rehabilitation of animals.	L/s	L/s	L/s	500000	Attached Supporting Documents Annexure-L
Total					1200000	
9	Supply of Wood Saving Cooking Appliances in Forest Fringe Villages		0	0	0	
Total					0	
10	Engagement of Local People and Labour to assist regular staff for Protection of Wildlife		0	0	0	
Total					0	
11	Construction of Interpretation Centre including visitor amenities Water holes		0	0	0	
Total					0	
12	Management of Biological Diversity and Biological Resources		0	0	0	
Total					0	
13	Restoration of Invasive Species Infested Wildlife Habitat in Saline & Alkaline areas in Wildlife Sanctuaries		0	0	0	
Total					0	
Total 80% of NPV					14495924	
Contingency @2%					289918	
Grand Total 80 % NPV					14785842	
20% of NPV						

PATHANKOT WILDLIFE DIVISION, PATHANKOT
Annual Plan of Operations (PUNCAMPA)
for the year 2022-23

Daily wages rate Rs 353/- per day

Sr. No.	Particulars	Unit	Qty.	Unit Cost	Total Amount	Remarks
1	Establishment, Up-gradation and Maintenance of Modern nurseries and other planting stock production facilities for production of quality planting materials	0	0	0	0	
				Total	0	
2	Promoting Conservation, Sustainable use and documentation of Biological Diversity including preservation of habitats Conservation of Land and Folk Varieties and Cultivars, domesticated stock and breeds of animals and micro-organisms and chronicling of knowledge relating to biological diversity	0	0	0	0	
				Total	0	
3	Purchase and maintenance of equipments used for communication and information technology for the purpose of protection of forest and wildlife				2956100	Includes IT material related to nature interpretation to enhance people's participation in Wildlife Conservation.
				Total	2956100	
4	Construction, up-gradation and maintenance of inspection paths, forest roads in forest area, fire lines, watch towers, check posts etc.	0	0	0	0	
				Total	0	
5	Casual Engagement of Local people or Labour to Assist regular staff for Protection of Wildlife					
a	Fire watcher in Kathlour Kushliar Wildlife Sanctuary & Ranjit Sagar Dam Conservation Reserve for 3 month (April to June) 10 x 3 month @ 9178/-	Mendays	780	353	275340	Labour rate
b	Watch & Ward engaged at Nakkas for checking and preventing of poaching of wild animals 06 nakka x 2 men for 6 month @ 9178/- (Oct to March) in Beas River Conservation reserve - Ranjit Sagar dam Conservation Reserve, KCCR. WL Sanctuary Kathlour Kushliar	Mendays	1872	353	660816	Labour rate
c	Local People and labours to assist regular staff for protection of wildlife. 18x6 Month @ 9178 (Oct to March) in Beas River Conservation Reserve, Ranjit Sagar Dam Conservation KKWLS & Wildlife Beats	Mendays	2496	353	881088	Labour rate
				Total	1817244	
6	Construction of residential and official buildings in Forest for front line staff deployed for protection of forest and wildlife	0	0	0	0	
				Total	0	
7	Survey and mapping of Forest areas, Wildlife Management, Fencing of Birds, Wildlife Sanctuaries	0	0	0	0	
				Total	0	
8	Independent Concurrent Monitoring and evaluation and third party monitoring of various works undertaken form State Funds	0	0	0	0	
				Total	0	
9	Publicity-cum-awarenessprogramme and exhibition on the various schemes being impemented by the State Authority form State Fund					

PHILLAUR WILDLIFE DIVISION, PHILLAUR
Annual Plan of Operations (PUNCAMPA)
for the Year 2022-23

Sr. No.	Component/Particulars	Unit	Qty.	Unit Rate	Total Amount	Remarks
	80% NPV					
	Intergrated Wildlife Management Plan					
1	Assisted Natural regeneration in Wildlife areas	0	0	0	0	
				Total	0	
2	Artificial regeneration by plantation in wildlife areas (500 plants per ha)	0	0	0	0	
				Total	0	
3	Silviculture Operation in Wildlife areas	0	0	0	0	
				Total	0	
4	Protection of Plantation and Forests	0	0	0	0	
				Total	0	
5	Forest Fire Prevention and Control Operations					
a	Purchase of one water tanker for fire fighting and other allied works in Kali Bein Conservation Reserve.	No.	1	225000	225000	In order to prevent Forest Fire in BRCC, KBCR and Forest Adjoining Tiger Safari. One water tanker will be purchased. The purchase will be effected from Gem (Annexure-1)
b	Fire Watchers in KBCR and BRCC and Kadian Forest adjoining tiger Safari Ludhiana. (5 mens for 3 areas for 3 months (April to June 2022).	Mendays	1170	353	413010	In order to prevent Forest Fire in BRCC, KBCR and Forest Adjoining Tiger Safari. Fire Watcher will be engaged during the month April to June
				Total	638010	
6	Soil and Moisture Conservation works in Wildlife areas					
a	Rejuvenation of Wetland/Water Bodies having an area of more than 2.25 hectare falling in Wildlife Division, Phillaur.	No.	25	100000	2500000	Small wetlands are on the verge of extinction. In order to protect them, rejuvenation activities such as installation of publicity boards, removal of Muck, garbage etc. will be carried out (Details at Annexure-2)
b	Strengthening of Wildlife Track Route in Kanjli, KBCR and BRCC area	K.M.	5	92000	460000	In order to patrol the protected areas, Wildlife Track Routes will be strengthened (Details at Annexure-3)
				Total	2960000	
7	Improvement of Wildlife Habitat as per approved Management Plan					
a	Removal of weed (Water Hycinth) in Kanjli Wetland, KBCR.	hectare	5	127483	637415	Also called Jal Khumbi, Free floating weed, increases during summer season. In order to enrich bird habitat, its removal is required. (Details at Annexure-4)
b	Strengthening of Islands in water based habitat of BRCC and KBCR for resting and roosting of Birds, Turtles and Gharials	No.	10	50000	500000	The Islands are very important in River based habitat. IN order to protect them, strengthening activities by use of good earth etc. will be carried out to dilute the effect of water current. (Details at Annexure-5)

PHILLAUR WILDLIFE DIVISION, PHILLAUR
Annual Plan of Operations (PUNCAMPA)
for the Year 2022-23

Sr. No.	Component/Particulars	Unit	Qty.	Unit Rate	Total Amount	Remarks
c	Removal of weed (Lantana, Kana) in Kanjli Wetland, KBCR and BRCR areas	hectare	15	57000	855000	KBCR, BRCR and Kanjli Wetlands are indested with weed like Lantana and Kana. Its removal is required to make the habitat available for birds and animals. (Details at Annexure-6)
Total					1992415	
8	Establishment Operation and Maintenance of Animal Rescue Centre and Veterinary Treatment Facilities for wild animals					
a	Transportation, medicines and Animal feed of strayed, injured wild animals and birds (Approximately 500 animals and birds) rescued in different areas of Ludhiana, Jalandhar, Kapurthala districts every year.	No.	500	1500	750000	Rescue and Rehabilitation work of wild animals, monkeys, snake etc. done by division. it included the amount spend on Medicine and veterinary service, transportation charge, wages, any equipment if needed and feed of rescued animals.
b	Watch & Ward. helper for Protected Areas KBCR and BRCR and field area Ludhiana, Jalandhar and Kapurthala Wildlife Ranges. (3 mens for 2 Protected areas and 3 districts (3X5X26X12).	Mendays	4680	353	1652040	Kanjli Wetland and Beas Conservation Reserve are two important Ramsars sites in wildlife division Phillaur. They are good habitats for migratory birds. Protection of these sites is very important from encroachment, poaching and water-theft. Besides, the wild animals are often strayed out from the forest area and become victim of road accident. Sometimes they fall in Rivers/Dams. The engagement of watch and ward is must who also act as rescue helpers for animals that happens to fall in rivers/dams or become victim of road accidents.
c	Human Wildlife Conflict Resolution through support of Wildlife Equipments (Fabrication of Monkey Cage, Mongoose Cages, Snake Sticks) for 3 ranges having 2 Block officer and 10 Beat Guards (total 15 rescue kits).	No.	15	38330	574950	Wildlife infrastructure in terms of cages and sticks, kits are utmost important to resolve HWC, hence this activity. (Detail at Annexure-7)
d	Engagement of 3 Daily labourers (24 hours) in Transit Care cum Rescue Centre for 12 Months (2x3x26x12)	Mendays	936	353	330408	To look after Transit Care cum Rescue Centre, the deployment of man power is required.
e	Strengthening of Transit Care cum Rescue Centre by creating two isolation houses.	No.	2	221000	442000	Detail at Annexure-8. The TTC is a temporary holding facility for rescued wild animals. Sometimes, these animals need to be isolated for which isolation housed are required to be constructed.
Total					3749398	
9	Supply of Wood saving cooking appliances in forest fringe villages	0	0	0	0	
Total					0	
10	Engagement of Local People and Labour to assist regular staff for Protection of Wildlife	0	0	0	0	
Total					0	
11	Construction of Interpretation Centre including visitor amenities waterholes	0	0	0	0	

PHILLAUR WILDLIFE DIVISION, PHILLAUR
Annual Plan of Operations (PUNCAMPA)
for the Year 2022-23

Sr. No.	Component/Particulars	Unit	Qty.	Unit Rate	Total Amount	Remarks
				Total	0	
12	Management of Biological Diversity and Biological Resources	0	0	0	0	
				Total	0	
13	Restoration of invasive species infested Wildlife Habitat in Saline & Alkaline areas in Wildlife Sanctuaries	0	0	0	0	
				Total	0	
				Sub Total of 80% NPV	9339823	
				Otherhead Charges/Contingency @ 2%	186796	
				Total of 80% NPV	9526619	
	20% NPV					
1	Establishment, Up-gradation and Maintenance of modern nurseries and other planting stock production facilities for production of quality planting materials	0	0	0	0	
				Total	0	
2	Promoting Conservation, Sustainable use and Documentation of Biological diversity including preservation of habitats conservation of land and folk varieties cultivars, domesticated stock and breeds of animals and micro-organisms and chronicling of knowledge relating to biological diversity					
a	Conservation and Documentation of rare aquatic Fauna such as Gharials, Birds species in KBCR and BRCR and Wetlands/Ramsar Sites	L/S	L/S	L/S	300000	
				Total	300000	
3	Purchase and Maintenance of Equipments for Information and Communication Technology used for Forest Fire Control for the protection of Forest and Wildlife					
a	Laptop for forest use	No.	0	73000	73000	GeM purchase
b	LED TV	No.	0	63000	63000	GeM purchase
				Total	136000	
4	Construction, up-gradation and maintenance of inspection paths, forest roads in forest area, firelines, watch towers, check posts etc. Watch towers/Check Post/Inspection Path/Forest Roads/Fire Lines etc.					
a	Construction of Rain Shelter in Kanjali (Size 15ft x 10ft)	Sqft	150	1500	225000	Rain shelter in Kanjali Wetland area shall be quite useful for visitors during monsoons and rainy season (Annexure-10)
b	Formation of wooden Bird nest for use in KBCR, BRCR and Kanjali Wetland.	No.	500	400	200000	The artificial wooden bird nest will be helpful for birds to make their nests and hence breeding.
c	Cement Benches included carriage charges in KBCR, BRCR and Kanjali Wetland.	No	20	8000	160000	Sitting benches shall be a facility to the visitors in Kanjali Wetland

PHILLAUR WILDLIFE DIVISION, PHILLAUR
Annual Plan of Operations (PUNCAMPA)
for the Year 2022-23

Sr. No.	Component/Particulars	Unit	Qty.	Unit Rate	Total Amount	Remarks
d	Maintenance of Inspection Path at BRCR created under PUNCAMPA	RMT	2000	27.31	54620	Maintenance of Inspection Path at BRCR
Total					639620	
5	Casual engagement of local people or labours to assist regular staff for the protection of forest and wildlife					
a	Engagement of local people/Beas Mitra on daily wage basis for monitoring of Gharials released under Gharials Reintroduction Project as well as Indus River Dolphin by way of patrolling through boat for water based area of BRCR as well as KBCR and Kanjali wetland. (2 Mitras/Persons for 3 Sites = 2X3X26X12)	Mendays	1872	353	660816	In order to monitor the water based habitat of BRCR and KBCR as well as protection of wetland ambassador in KBCR, the engagement of wetland Mitras are proposed.
b	Engagement of local village men at Naka's/Barriers. (2 Men for 5 Naka for 6 Months = 2X5X26X6). 5 Naka's include 2 in Ludhiana, 2 in Jalandhar and 1 in KBCR.	Mendays	1560	353	550680	This will helpful in detecting and apprehending the illegal poachers, thus aid in controlling wildlife crimes in the region.
Total					1211496	
6	Construction of residential and official buildings in Forest for front line staff deployed for protection of forest and wildlife					
		0	0	0	0	
Total					0	
7	Survey and Mapping of forest areas, Wildlife Management, Fencing of Birs and wildlife Sanctuaries					
a	Estimation of Wildlife Population and Bird Census	L/S	L/S	L/S	500000	
Total					500000	
8	Independent Concurrent Monitoring and Evaluation and third party monitoring of various works undertaken from State Funds					
		0	0	0	0	
Total					0	
9	Publicity cum Awareness Programme and exhibition on the various schemes being implemented by the State Authority from State Fund					
a	Sensitization and Awareness creation of people through Posters, Banners, Special Programme Slide show, Audio Visuals, Seminars, Film Shows by arranging rallies.	No.	20	10000	200000	Signages, Banners, Posters, Awareness events, sensitization rallies in Beas River Conservation Reserve, Kanjali Wetland and Kali Bein Conservation Reserve.
b	Strengthening education, Training, Awareness and Extension Programme on Biodiversity issue for various stakeholders including rural women.	L/S	L/S	L/S	200000	In order to take benefit of wisdom of rural women, IEC activities will be carried out among various stakeholders, including rural women living in the vicinity of protected areas.
c	Quis, Painting, Essay competition regarding wildlife awareness among school students (Total 50 School will be covered).	No	50	3000	150000	To make the students aware of importance of wildlife conservation, various competitions and programs shall be carried out in the schools, located in the vicinity of protected areas.

PHILLAUR WILDLIFE DIVISION, PHILLAUR
Annual Plan of Operations (PUNCAMPA)
for the Year 2022-23

Sr. No.	Component/Particulars	Unit	Qty.	Unit Rate	Total Amount	Remarks
d	Preparation of display boards and hoardings, signages in Beas River Conservation Reserve, Kali Bein Conservation Reserve and Kanjli Wetland (5'X3')	No.	20	10000	200000	Signages, Display Boards, Hoardings in Beas River Conservation Reserve, Kanjli Wetland and Kali Bein Conservation Reserve
e	Printing of Posters and Pamphlets.	No.	2000	17	34000	Printing of posters and pamphlets will be done
				Total	784000	
				Sub Total of 20% NPV	3571116	
				Otherhead Charges/Contingency @ 2%	71422	
				Total of 20% NPV	3642538	
				Grand Total of 80% NPV+Contingency & 20% NPV+ Contingency	13169157	

HOSHIARPUR WILDLIFE DIVISION, HOSHIARPUR

Annual Plan of Operations (PUNCAMPA)

For the Year 2022-23

Sr. No.	Particulars	Unit	Total Unit	Unit Cost	Total Amount	Remarks
80% of NPV						
1	Assisted Natural regeneration in Wildlife areas					
a	Fruit, fodder trees plantation in Takhni Rehmapur WLS (200 Plants per Ha)	Ha	5	62330	311650	(KML File to follow)
b	Fruit, fodder trees plantation in Lalwan Community Reserve (200 Plants per Ha)	Ha	5	62330	311650	
c	Maintenance of Plantation of 2019-20 in Takhni Rehmapur WLS and Lalwan Community Reserve under PUNCAMPA.	Ha	20	10966	219720	(KML File to follow)
d	Maintenance of Plantation of 2020-21 in Takhni Rehmapur WLS and Lalwan Community Reserve under PUNCAMPA.	Ha	20	42067	841340	
e	Maintenance of Plantation of 2021-22 in Takhni Rehmapur WLS, And Lalwan Community Reserve under PUNCAMPA.	Ha	10	55000	550000	
				Total	2234360	
2	Artificial regeneration by plantation in Wildlife areas	0	0	0	0	
				Total	0	
3	Silviculture Operations in Wildlife areas	0	0	0	0	
				Total	0	
4	Protection of Plantation and Forests	0	0	0	0	
				Total	0	
5	Forest Fire Prevention and Control Operations					
a	Maintenance of old Fire line in Takhni Rehmapur WLS created under PUNCAMPA during the Year 2019-20	Km	5	45200	226000	
b	Maintenance of old Fire line in Takhni Rehmapur WLS created under PUNCAMPA during the Year 2020-21	Km	5	45200	226000	
c	Maintenance of old Fire line in Takhni Rehmapur WLS created under PUNCAMPA during the Year 2021-22	Km	5	45200	226000	
d	Maintenance of old Fire line in Lalwan Community Reserve created under PUNCAMPA during the Year 2019-20	Km	5	45200	226000	
e	Maintenance of old Fire line in Lalwan Community Reserve created under PUNCAMPA during the Year 2020-21	Km	15	45200	678000	
f	Maintenance of old Fire line in Lalwan Community Reserve created under PUNCAMPA during the Year 2021-22	Km	5	45200	226000	

HOSHIARPUR WILDLIFE DIVISION, HOSHIARPUR

Annual Plan of Operations (PUNCAMPA)

For the Year 2022-23

Sr. No.	Particulars	Unit	Total Unit	Unit Cost	Total Amount	Remarks
g	Preparation of New Nature Trail with good earth including purchase of material and carriage in Takhni Rehmapur Sanctuary.	Km	2	14120	28240	Annexure No. V
h	Preparation of New Nature Trail with good earth including purchase of material and carriage in Lalwan Community Reserve.	Km	5	14120	70600	
i	Fire watcher in Takhni Rehmapur WLS. and Lalwan Community Reserve for 3 month (April to June) 20 x 3 month @ 9178/-	Mendays	1560	353	550680	As per Daily Wages Rate.
				Total	2457520	
6	Soil and Moisture Conservation works in Wildlife areas					
a	Preparation of Kacha Water Hole in Takhni Rehmapur WLS. And Lalwan Community Reserve Size 10 Mtr x7 Mtr x 2.60 mtr	No.	2	39600	79200	Annexure No. VII
b	Dry Stone Check Dam in Takhni Rehmapur Sancturay	Cum	200	1100	220000	As per CSR Rate
c	Dry Stone Check Dam in Lalwan Community Reserve	Cum	200	1100	220000	As per CSR Rate
d	Rejuvenation of Wetland /Water Bodies having an area of more than 1.25 Hect. Falling in Wildlife Division Hoshiarpur as per the direction of Hon'ble NGT and Government of India Guidelines	No.	20	100000	2000000	
e	Strengthening of islands in water based habitat of BRCR for resting and roosting of Birds, Turtles and Gharials	No.	5	100000	500000	
				Total	3019200	
7	Improvement of Wildlife Habitat as per prescribed in the approved Wildlife Management Plan					
a	Preparation of grassland for Takhni Rehmapur WLS.	Ha	2	61800	123600	Annexure No. VI
b	Preparation of grassland for in Lalwan Community Reserve	Ha	2	61800	123600	
c	Lantana Stubbing Takhni Rehmapur WLS.	Ha	10	32725	327250	As per Shedule Rate
d	Lantana Stubbing Lalwan Community Reserve	Ha	10	32725	327250	As per Shedule Rate
e	Jungle Clearance in Takhni Rehmapur WLS.	Ha	5	6545	32725	As per Shedule Rate
f	Jungle Clearance in Lalwan Community Reserve	Ha	5	6545	32725	As per Shedule Rate
				Total	967150	

HOSHIARPUR WILDLIFE DIVISION, HOSHIARPUR

Annual Plan of Operations (PUNCAMPA)

For the Year 2022-23

Sr. No.	Particulars	Unit	Total Unit	Unit Cost	Total Amount	Remarks
8	Establishment Operation and Maintenance of Animal Rescue Centre and Veterinary Treatment Facilities for wild animals					
a	Rescue & Re-habilitation of wild animals Including Material at Wildlife Division HSP	L/s	L/s	L/s	700000	
b	Engagement of 3 Daily laboures (24 hours) in Takhni Rehmapur Temporary Rescue Facility for 12 month (3x26x12)	Mendays	936	353	330408	
				Sub Total	1030408	*
c	Purchase of tranquilizing and rescue equipments					
i	Net Gun	No.	2	212400/-	424800	Annexure No. VIII
ii	Rescue Kit	No.	8	18750	150000	-
iii	Nets	No.	10	7000	70000	-
				Sub Total	644800	
				Total	1675208	
9	Supply of Wood Saving Cooking Applicances in Forest Fringe Villages	0	0	0	0	
				Total	0	
10	Engaqement of Local People and Labour to assist regular staff for Protection of	0	0	0	0	
				Total	0	
11	Construction of Interpretation Centre including visitor amenities Water holes	0	0	0	0	
				Total	0	
12	Management of Biological Diversity and Biological Resources	0	0	0	0	
				Total	0	
13	Restoration of INvasive Species infested Wildlife Habitat in Saline & Alkaline areas in Wildlife Sanctuaries	0	0	0	0	
				Total	0	
				Total 80% of NPV	10353438	
				Contingency @ 2%	207069	
				Grand Total 80% of NPV	10560507	

HOSHIARPUR WILDLIFE DIVISION, HOSHIARPUR

Annual Plan of Operations (PUNCAMPA)

For the Year 2022-23

Sr. No.	Particulars	Unit	Total Unit	Unit Cost	Total Amount	Remarks
	20% of NPV					
1	Establishment, Up-gradation and Maintenance of Modern nurseries and other planting stock production facilities for production of quality planting materials	0	0	0	0	
				Total	0	
2	Promoting Conservation, Sustainable use and documentation of Biological Diversity including preservation of habitats Conservation of Land and Folk Varieties and Cultivars, domesticated stock and breeds of animals and micro-organisms and chronicling of knowledge relating to biological diversity	0	0	0	0	
				Total	0	
3	Purchase and maintenance of equipments used for communication and information technology for the purpose of protection of forest and wildlife.					
a	Purchase of following material used in Wildlife Division Hoshiarpur Takhni Rehmapur Santuary					
i	Garmin GPS MAP 64sc	No.	2	42359	84718	Annexure No. IX
ii	Cuddeback 20 Mega Pixel Camera Trap/Trail Camera With 0 gigabyte Memory Card	No.	5	19398	96990	Annexure No. X
iii	Binoculars-Hawke Nature Track 12x50	No.	2	17494	34988	Annexure No. XI
iv	Dell Intel Core i5. 14 Inch 8 GB Ram (Laptop) Window 10 Home	No.	1	74990	74990	Annexure No. XI
				Total	291686	
4	Construction, up-gradation and maintenance of inspection paths, forest roads in forest area, fire lines, watch towers, check posts etc.	0	0	0	0	
				Total	0	
5	Casual Engagement of Local people or Labour to Assist regular staff for Protection of Wildlife					
a	Local people and labours to assist regular staff for protection of wildlife, 12 x 9 month @ 9178/- (July to March) in Bias River Conservation reserve, Takhni Rehmapur Sanctuary and Lalwan Community Reserve.	Mendays	2808	353	991224	As per Daily Wages Rate.
b	Watch & ward for Packs Check post at Takhni Rehmapur Santuary 2 Check Post x 4 Men x 12 Month	Mendays	2496	353	881088	As per Daily Wages Rate.
c	Beas Mitra on daily wage basis for monitoring of Gharials released under Gharials Reintroduction Project as well as indus River Delphin in BR CR by way of patrolling through Boat for water based area as well as patrolling by foot in the reserve area (5 men x 12 months x 26 days)	Mendays	1560	353	550680	As per Daily Wages Rate.
				Total	2422992	
6	Construction of residential and official buildings in Forest for front line staff deployed for protection of forest and wildlife	0	0	0	0	
				Total	0	

HOSHIARPUR WILDLIFE DIVISION, HOSHIARPUR

Annual Plan of Operations (PUNCAMPA)

For the Year 2022-23

Sr. No.	Particulars	Unit	Total Unit	Unit Cost	Total Amount	Remarks
7	Survey and mapping of Forest areas, Wildlife Management, Fencing of Birs, Wildlife Sanctuaries	0	0	0	0	
				Total	0	
8	Independent Concurrent Monitoring and evaluation and third party monitoring of various works undertaken from State Funds	0	0	0	0	
				Total	0	
9	Publicity-cum-awareness programme and exhibition on the various schemes being implemented by the State Authority from State Fund					
a	Preparation of wildlife related material and conduct census of Takhni Rehmapur Sanctuary and Lalwan Community Reserve.					
i	Poster	No.	500	300	150000	-
ii	Wall writing	No.	50	1500	75000	-
iii	Banners	No.	50	800	40000	-
				Sub Total	265000	-
b	Preparation of Ironglowing display board & Hoarding etc. (Big Size) with solar system	No.	5	50000	250000	-
c	Quiz and chartmaking Competition regarding wildlife in nearby Schools & Colleges.	No.	10	10000	100000	-
d	Sensitization of local people regarding wildlife.	Meetings	30	10000	300000	-
e	Iron board	No.	10	10000	100000	-
				Sub Total (b to e)	750000	
				Total	1015000	
10	Entry Point activities undertaken in forest fringe villages for execution of programmes to be undertaken from the State Fund	0	0	0	0	
				Total	0	
				Total of 20% of NPV	3729678	
				Contingency @ 2%	74594	
				Grand Total 20% of NPV	3804272	
				Grand Total of 80% NPV and 20% NPV	14364779	

ROOPNAGAR WILDLIFE DIVISION, ROOPNAGAR
Annual Plan of Operation of State Authority (PUNCAMPA)
for the year 2022-23

Sr. No.	Particulars	Unit	Qty.	Unit Cost	Total Amount	Remarks
	80% of NPV					
1	Assisted Natural regeneration in Wildlife Areas	0	0	0	0	
				Total	0	
2	Artificial regeneration by plantation in Wildlife areas (250 plants per Ha)					
a	Plantation 2022-23					
i	Fruit, fodder and Shelter trees plantation in Siswan Community Reserve (250 Plants per Ha)	Ha	15	72510	1087650	(Estimate Attached-a)
ii	Fruit, fodder and Shelter trees plantation in Jhajar Bachauli Wildlife Sanctuary (250 Plants per Ha)	Ha	5	72510	362550	
iii	Fruit, fodder and Shelter trees plantation in Nangal Wildlife Sanctuary (250 Plants per Ha)	Ha	5	72510	362550	
				Sub Total	1812750	
b	First Year Maintenance of Plantation 2021-22 (250 Plants per Ha)					
i	Fruit, fodder and Shelter trees plantation in Siswan Community Reserve	Ha	35	55000	1925000	(Estimate Attached-b)
ii	Fruit, fodder and Shelter trees plantation in Jhajar Bachauli Wildlife Sanctuary	Ha	5	55000	275000	
iii	Fruit, fodder and Shelter trees plantation in Nangal Wildlife Sanctuary	Ha	5	55000	275000	
iv	Fruit, fodder and Shelter trees plantation in Ropar Conservation Reserve	Ha	5	55000	275000	
				Sub Total	2750000	
c	Maintenace of Platation 2020-21 (2nd year) (250 Plants per Hact.) under PUNCAMPA					
i	Fruit, fodder and Shelter trees plantation in Siswan Community Reserve	Ha	10	42067	420670	
ii	Fruit, fodder and Shelter trees plantation in Jajar Bachouli Wildlife Sanctuary	Ha	5	42067	210335	
				Sub Total	631005	
d	2nd Year Maintenance of Plantation 2020-21 (500 Plants per Hact.) (Estimate Attached-b) under PUNCAMPA					
i	Fruit, fodder and Shelter trees plantation in Siswan Community Reserve	Ha	25	68400	1710000	
ii	Fruit, fodder and Shelter trees plantation in Jhajar Bachauli Wildlife Sanctuary	Ha	5	68400	342000	
iii	Fruit, fodder and Shelter trees plantation in Nangal Wildlife Sanctuary	Ha	5	68400	342000	
iv	Fruit, fodder and Shelter trees plantation in Ropar Conservation Reserve	Ha	5	68400	342000	
				Sub Total	2736000	
e	3rd Year (2019-20) Maintenance of Plantation (500 Plants per Hact.) (Estimate Attached) under PUNCAMPA					
i	Fruit, fodder and Shelter trees plantation in Siswan Community Reserve	Ha	15	67900	1018500	
ii	Fruit, fodder and Shelter trees plantation in Jhajar Bachauli Wildlife Sanctuary	Ha	4	67900	271600	
iii	Fruit, fodder and Shelter trees plantation in Nangal Wildlife Sanctuary	Ha	5	67900	339500	
				Sub Total	1629600	
				Total	9569355	
3	Silviculture Operations in Wildlife areas	0	0	0	0	
				Total	0	
4	Protection of Plantation and Forest					
a	Local People & Labour to assist regular staff for protection in Protected Areas 12 persons for 9 months 12x26x9M= 2808 Mendays	Mendays	2808	353	991224	
				Total	991224	
5	Forest Fire prevention and Control operations					
a	Watch and ward for protected areas under fire season of Ropar Wildlife Division 16x26x3M=1248 Mendays	Mendays	1248	353	440544	
				Total	440544	

ROOPNAGAR WILDLIFE DIVISION, ROOPNAGAR
Annual Plan of Operation of State Authority (PUNCAMPA)
for the year 2022-23

Sr. No.	Particulars	Unit	Qty.	Unit Cost	Total Amount	Remarks
6	Soil and Moisture Conservation works in the forest (Estimate Attached)					
a	Brushwood Check Dam in Conservation Reserve, Siswan Community Reserve, Nangal Wildlife Sanctuary and Jhajar Wildlife Sanctuary	Mtr.	1000	154	154000	
b	Preparation of Bridal Path in Conservation Reserve, Siswan Community Reserve, Nangal Wildlife Sanctuary and Jhajar Wildlife Sanctuary	Km.	2	34025	68050	
c	Crate Wire Structure in Conservation Reserve, Siswan Community Reserve, Nangal Wildlife Sanctuary and Jhajar Wildlife Sanctuary	Cum	200	2212	442400	
d	Dry Stone Massionary in Siswan Community Reserve and Jhajar bachauli Wildlife Sanctuary	Cum	450	1245	560250	
e	Cement Massionary in Siswan Community Reserve and Jhajar bachauli Wildlife Sanctuary	Cum	200	5970	1194000	
				Total	2418700	
7	Improvement of Wildlife Habitat as provided in the approved wildlife management plan (Estimate Attached)					
a	Removal of unwanted weeds					
i	Removal of weeds in Siswan Community Reserve	Hact	10	30682	306820	
ii	Removal of weeds in Jhajar Bachauli Wildlife Sanctuary	Hact	5	30682	153410	
iii	Removal of weeds in Ropar Conservation Reserve	Hact	5	30682	153410	
				Sub Total	613640	
b	Construction of Water Holes					
i	Construction of water hole in Wildlife Division Ropar	No.	4	40650	162600	
				Sub Total	162600	
c	Maintenance of Water hole					
i	Maintenance of Water hole Siswan Community Reserve created under PUNCAMPA	No.	6	14951	89706	
ii	Maintenance of Water hole Jhajar Bachauli Wildlife Sanctuary created under PUNCAMPA	No.	2	14951	29902	
				Sub Total	119608	
				Total	895848	
8	Establishment Operations and maintenance of Temporary animal rescue facility and veterinary treatment facilities for wild animals	L/s	L/s	L/s	500000	
				Total	500000	
9	Supply of Wood Saving Cooking appliances in Forest Fringe Villages	0	0	0	0	
				Total	0	
10	Engagement of Local People and Labour to assist regular staff for Protection of Wildlife	0	0	0	0	
				Total	0	
11	Construction of Interpretation Centre including visitor amenities Waterholes	0	0	0	0	
				Total	0	
12	Management of biological diversity and biological resources	L/s	L/s	L/s	1000000	
				Total	1000000	
13	Restoration of invasive species infested Wildlife Habitat in Saline & Alkaline areas in Wildlife Sanctuaries	0	0	0	0	
				Total	0	
				Total 80% NPV	15805671	
				Contengency @ 2%	316113	
				Total of 80% NPV	16121784	
	20% of NPV					

ROOPNAGAR WILDLIFE DIVISION, ROOPNAGAR
Annual Plan of Operation of State Authority (PUNCAMPA)
for the year 2022-23

Sr. No.	Particulars	Unit	Qty.	Unit Cost	Total Amount	Remarks
1	Establishment, Up-gradation and Maintenance of Modern nurseries and other planting stock production facilities for production of quality planting materials	0	0	0	0	
				Total	0	
2	Promoting Conservation, Sustainable use and documentation of Biological Diversity including preservation of habitats Conservation of Land and Folk Varieties and Cultivars, domesticated stock and breeds of animals and micro-organisms and chroniciling of knowledge relating to biological diversity	0	0	0	0	
				Total	0	
3	Purchase and Maintenance of equipment under communication and information technology for the purpose of protection of forest and wildlife.					
a	Soft component of interpretation Centre for Siswan Community Reserve (Provisioning for pending work for same component created under PUNCAMPA during 2020-21)	L/s	L/s	L/s	400000	
b	Purchase of Rescue kit, Rescue rope, Compass, Depth Finder, Water testing kit, Flow meter Computer, Printer-cum-scanner, Camera, Life Savind Jackets and Boat etc.	L/s	L/s	L/s	200000	
				Total	420000	
4	Construction, upgradation and maintenance of inspection paths, forest roads in forest area, firelines, watch towers, checkpoints etc.					
a	Construction of new fire lines	KM	6	70800	424800	
b	Maintenance of Fire Line created under PUNCAMPA	KM	9	40730	366570	
c	Construction Watch tower (Jhajar Bachauli WLI)	No.	1	450000	450000	
				Total	1241370	
5	Casual Engagement of Local people or Labour to Assist regular staff for Protection of Wildlife	0	0	0	0	
				Total	0	
6	Construction of residential and official buildings in Forest for front line staff deployed for protection of forest and wildlife					
1	Construction of Forest Guard Qtr. In Siswan Community Reserve	L/s	1	L/s	1000000	
				Sub Total	1000000	
7	Survey and mapping of Forest areas, Wildlife Management, Fencing of Birs, Wildlife Sanctuaries					
a	Survey and Mapping Ropar Conservation Reserve and Nangal Wildlife Sanctuary	L/s	L/s	L/s	200000	
b	Bird Census in Ropar Conservation Reserve and Nangal Wildlife Sanctuary	L/s	L/s	L/s	50000	
c	Preparation of Zonal Master Plan of Eco-Sensitive in Jhajar Bachauli Wildlife Sanctuary.	L/s	L/s	L/s	200000	
				Sub Total	450000	
8	Independent Concurrent Monitoring and evaluation and third party monitoring of various works undertaken from State Funds	0	0	0	0	
				Total	0	
9	Publicity-cum-awareness programme and exhibition on the various schemes being implemented by the State Authority from State Fund					
a	Awareness Activities in Protected Areas	L/s	L/s	L/s	400000	
b	Prepare of display board/ hoardings in Protected Areas	L/s	L/s	L/s	200000	
c	Sensitization of people regarding wildlife protection	L/s	L/s	L/s	200000	

ROOPNAGAR WILDLIFE DIVISION, ROOPNAGAR
Annual Plan of Operation of State Authority (PUNCAMPA)
for the year 2022-23

Sr. No.	Particulars	Unit	Qty.	Unit Cost	Total Amount	Remarks
10	Entry Point activities undertaken in forest fringe villages for execution of programmes to be undertaken from the State Fund	0	0	0	0	
				Total	0	
				20% NPV	7691370	
				Contingency @ 2%	153827	
				Total of 20% NPV	7845197	
				Grand Total 80% NPV and 20% NPV	23966981	

WILDLIFE DIVISION, AMRITSAR
Annual Plan of Operations (PUNCAMPA)
FOR THE YEAR 2022-23

Sr. No.	Particulars	Unit	Qty.	Unit Cost	Total Amount	Remarks
80% of NPV						
1	Assisted Natural regeneration in Wildlife areas					
a	Fruit, fodder trees plantation in Rakh Sarai Amanat Khan WLS (200 Plants per Ha)	Ha	10	62330	623300	(KML File to follow)
b	Maintenance of Plantation of 2021-22 in Rakh Sarai Amanat Khan Community Reserve under PUNCAMPA	Ha	10	55000	550000	(KML File to follow)
				Total	1173300	
2	Artificial regeneration by plantation in Wildlife areas	0	0	0	0	
				Total	0	
3	Silviculture Operations in Wildlife areas	0	0	0	0	
				Total	0	
4	Protection of Plantation and Forests	0	0	0	0	
				Total	0	
5	Forest Fire Prevention and Control Operations					
a	Maintenance of old Fire line in Rakh Sarai Amanat Khan WLS (Year 2019-20) under PUNCAMPA	Km	3	45200	135600	(KML File to follow)
				Total	135600	
6	Soil and Moisture Conservation works in Wildlife areas					
a	Preparation of Kacha Water Hole in Rakh Sarai Amanat Khan Community Reserve Size 10 Mtr x 7 Mtr x 2.60 mtr	No.	3	39600	118800	Annexure No. VII
				Total	118800	
7	Improvement of Wildlife Habitat as per prescribed in the approved Wildlife Management Plan					
a	Preparation of grass land for Rakh Sarai Amanat Khan WLS	Ha	4	61800	247200	Annexure No. VI
b	Muscat Stubbing Rakh Sarai Amanat Khan WLS	Ha	5	32725	163625	As per Shedule Rate
c	Jungle Clearance in Rakh Sarai Amanat Khan WLS	Ha	5	6545	32725	As per Shedule Rate
				Total	443550	
8	Establishment Operation and Maintenance of Animal Rescue Centre and Veterinary Treatment Facilities for wild animals					
a	Rescue & Re habilitation of wild animals including Material at Rakh Sarai Amanat Khan, Amritsar Forest Division	L/s	L/s	L/s	400000	-
b	Engagement of 2 Daily laboures (24 hours) in Rakh Sarai Amanat Khan for 12 months (2 x 26 x 12)	Mendays	624	353	220272	-
				Sub Total	620272	
c	Purchase of tranquilizing and rescue equipments					
i	Net Gun	No.	1	212400	212400	Annexure No. X
ii	Rescue Kit	No.	5	30000	150000	-
iii	Nets	No.	5	14000	70000	-
				Sub Total	432400	
				Total	1052672	
9	Supply of Wood Saving Cooking Appliances in Forest Fringe Villages	0	0	0	0	
				Total	0	

WILDLIFE DIVISION, AMRITSAR
Annual Plan of Operations (PUNCAMPA)
FOR THE YEAR 2022-23

Sr. No.	Particulars	Unit	Qty.	Unit Cost	Total Amount	Remarks
10	Engagement of Local People and Labour to assist regular staff for Protection of Wildlife	0	0	0	0	
				Total	0	
11	Construction of Interpretation Centre including visitor amenities Water holes	0	0	0	0	
				Total	0	
12	Management of Biological Diversity and Biological Resources	0	0	0	0	
				Total	0	
13	Restoration of Invasive Species infested Wildlife Habitat in Saline & Alkaline areas in Wildlife Sanctuaries	0	0	0	0	
				Total	0	
				Total 80% of NPV	2923922	
				Contingency @ 2%	58478	
				Grand Total 80% of NPV	2982400	
	20% of NPV					
1	Establishment, Up-gradation and Maintenance of Modern nurseries and other planting stock production facilities for production of quality planting materials	0	0	0	0	
				Total	0	
2	Promoting Conservation, Sustainable use and documentation of Biological Diversity including preservation of habitats Conservation of Land and Folk Varieties and Cultivars, domesticated stock and breeds of animals and micro-organisms and chronicling of knowledge relating to biological diversity	0	0	0	0	
				Total	0	
3	Purchase and maintenance of equipments used for communication and information technology for the purpose of protection of forest and wildlife.					
a	Purchase of following material used in Rakh Sarai Amanat Khan					
i	Garmin GPS MAP 64sc		1 No	42359/-	42359	Annexure No. XIII
ii	Cuddeback 20 Mega Pixel Camera Trap/Trail Camera With 0 gigabyte Memory Card		5	19396/-	96980	
iii	Binoculars-Hawke Nature Track 12x50		1 No	17494/-	17494	Annexure No. XV
				Total	156843	
4	Construction, up-gradation and maintenance of inspection paths, forest roads in forest area, fire lines, watch towers, check posts etc.	0	0	0	0	
				Total	0	
5	Casual Engagement of Local people or Labour to Assist regular staff for Protection of Wildlife					

WILDLIFE DIVISION, AMRITSAR
Annual Plan of Operations (PUNCAMPA)
FOR THE YEAR 2022-23

Sr. No.	Particulars	Unit	Qty.	Unit Cost	Total Amount	Remarks
a	Local people and labours to assist regular staff for protection of wildlife 3 x 8 month x 26 days (July to Feb) in Beas River Conservation reserve and Rakh Sarai Amanat Khan	Mendays	1248	353	440544	As per Daily Wages Rate.
Total					440544	
6	Construction of residential and official buildings in Forest for front line staff deployed for protection of forest and wildlife	0	0	0	0	
Total					0	
7	Survey and mapping of Forest areas, Wildlife Management, Fencing of Birs, Wildlife Sanctuaries	0	0	0	0	
Total					0	
8	Independent Concurrent Monitoring and evaluation and third party monitoring of various works undertaken from State Funds	0	0	0	0	
Total					0	
9	Publicity-cum-awareness programme and exhibition on the various schemes being implemented by the State Authority from State Fund					
a	Preparation of wildlife related material and conduct census of Rakh Sarai Amanat Khan Community Reserve.					
i	Poster	No.	100	300	30000	-
ii	Wall writing	No.	10	1500	15000	-
iii	Banners	No.	10	800	8000	-
Sub Total					53000	-
b	Preparation of Ironglowing display board & Hoarding etc. (Big Size) with solar system	No.	5	50000	250000	-
c	Quiz and chartmaking Competiton regarding wildlife in nearby Schools & Colleges.	No.	5	10000	50000	-
d	Sensitization of local people regarding wildlife.	Meetings	5	10000	50000	-
e	Iron board	No.	5	10000	50000	-
Sub-Total					400000	
Total					453000	
10	Entry Point activities undertaken in forest fringe villages for execution of programmes to be undertaken from the State Fund	0	0	0	0	
Total					0	
Total of 20% of NPV					1050387	
Contingency @ 2%					21008	
Grand Total 20% of NPV					1071395	
Grand Total of 80% NPV + 20% NPV					4053795	

ANNUAL PLAN OF OPERATION 2022-23
Activities out of 60% of interest accrued on deposits in State Fund
Physical Target (60% Interest)

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total
1	To offset the incremental cost of compensatory afforestation at the increased wage rates																		L/s	L/s
2	To offset the incremental cost of catchment area treatment plan at the increased wage rates																		L/s	L/s
3	To offset the incremental cost of NPV plan at the increased wage rate																		L/s	L/s
4	Disbursement of salary allowances to regular staff of the State Authority																		L/s	L/s
5	Disbursement of salary allowances fees to contractual/ other staff of the State authority																		L/s	L/s
6	Disbursement of seating fees and allowances to nominated members of the State Authority																		L/s	L/s
7	Audit Fees																		L/s	L/s
8	Consultant Social Community Mobilization/ Sustainability Studies/ Young Professionals (IT expert)																		L/s	L/s
9	Any other activities with the prior approval of the steering committee of the State Authority																		L/s	L/s
a	Solar Lights	No.s																	1200	1200
b	Purchase of GPS enabled patrolling Motor bikes for frontline Staff	No.s																	170	170

ANNUAL PLAN OF OPERATION 2022-23
Activities out of 60% of interest accrued on deposits in State Fund
Physical Target (60% Interest)

(Rs. In lakh)

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total
1	To offset the incremental cost of compensatory afforestation at the increased wage rates																		50.00	50.00
2	To offset the incremental cost of catchment area treatment plan at the increased wage rates																		0.00	0.00
3	To offset the incremental cost of NPV plan at the increased wage rate																		100.00	100.00
4	Disbursement of salary allowances to regular staff of the State Authority																		34.00	34.00
5	Disbursement of salary allowances fees to contractual/ other staff of the State authority																		80.00	80.00
6	Disbursement of seating fees and allowances to nominated members of the State Authority																		10.00	10.00
7	Audit Fees																		10.00	10.00
8	Consultant Social Community Mobilization/ Sustainability Studies/ Young Professionals (IT expert)																		10.00	10.00
9	Any other activities with the prior approval of the steering committee of the State Authority																		0.00	0.00
a	Solar Lights	12000																	144.00	144.00
b	Purchase of GPS enabled patrolling Motor bikes for frontline Staff	95000																	161.50	161.50
	Total																		599.50	599.50

ANNUAL PLAN OF OPERATION 2022-23

Non-recurring and recurring expenditure out of 40% interest transferred to State Fund and further accrued on the amount available in the State Fund
Physical Target (40 % interest)

Sr. No.	COMPONENTS	Unit	Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total		
1	Management of office Establishment																			L/s	L/s	
2	Office equipment including computers and peripherals and its maintenance for the State Authority																				L/s	L/s
3	Hiring of Staff cars for the use of the officers and officials of the State Authority																				L/s	L/s
4	Hiring of buildings on lease for the office establishment and residences of the officers of State Authority																				L/s	L/s
5	Other Contingencies for management of the State Authority, with the approval of the Steering committee of the State Authority																				L/s	L/s

ANNUAL PLAN OF OPERATION 2022-23

Non-recurring and recurring expenditure out of 40% interest transferred to State Fund and further accrued on the amount available in the State Fund
Physical Target (40 % interest)

Sr. No.	COMPONENTS	Unit																(Rs. in lakh)		
			Amritsar	Bathinda	Dasuya	Muktsar	Ferozepur	Mansa	Patiala	Sangrur	Pathankot	Gurdaspur	Jalandhar	Ludhiana	Garhshankar	Hoshiarpur	Ropar	Mohali	State Authority	Total
1	Management of office Establishment of State Authority																		50.00	50.00
2	Office equipment including computers and peripherals and its maintenance for the State Authority																		50.00	50.00
3	Hiring of Staff cars for the use of the officers and officials of the State Authority																		50.00	50.00
4	Hiring of buildings on lease for the office establishment and residences of the officers of State Authority																		0.00	0.00
5	Other Contingencies for management of the State Authority, with the approval of the Steering committee of the State Authority																		10.00	10.00
	Total																		160.00	160.00

ANNUAL PLAN OF OPERATION 2022-23

Innovative Projects

Physical Outlay (40% Out of Interest)

Sr. No	Component	Unit	State Authority (Phy.)	Total
1	Lantana removal with plantation (Siswan and Nada, Mohali) (maintenance of 2021-22)	ha	20	20
2	Lantana removal with plantation (Ropar) (maintenance of 2021-22)	ha	5	5
3	Lantana removal with Biological methods (using Biodigester) (maintenance of 2021-22)	L/S	1	1
4	Lantana management and Eradication project in SFRI Ladawal Ludhiana	L/S	As per agreement	
5	Wood Certification and Carbon Credit works by TERI	L/S	As per agreement	
6	Restoration of Bir Kulemajra/ Bhadson (Patiala)	L/S	L/S	
7	Afforestation in Nine Polluted NACs for Air Pollution Abatement as directed by order of National Green Tribunal communicated by National Authority (maintenance of 2021-22)	No.	9	9
8	Preparation, Distributions and spreading of seed balls by JFMCs/SHGs in each Division. (One lakh balls per Division)	No.	16	16
9	Establishment of new research plots of Bamboo by Research Circle	Ha	10	10
10	Enrichment Planting in Plains in different Agro-climatic Zones/ canals on pilot basis	Ha	30	30
11	Preparation of Forest Fire Management Plan by SFRI Ladawal Ludhiana	L/s	L/s	L/s
12	Preparation of REDD + plan for Punjab by SFRI Ladawal Ludhiana	L/s	L/s	L/s
13	Establishment of Centre of Excellence for Research and Training at SFRI Ladawal Ludhiana	L/s	L/s	L/s

ANNUAL PLAN OF OPERATION 2022-23

Innovative Projects
Financial Outlay (40% Out of Interest)

(Rs. In lakh)

Sr. No	Component	Unit	Rate (Rs. In Lakh)	State Authority	Total
1	Lantana removal with plantation (Siswan and Nada, Mohali) (maintenance of 2021-22)	L/S	L/S	10.00	10.00
2	Lantana removal with plantation (Ropar) (maintenance of 2021-22)	L/S	L/S	2.50	2.50
3	Lantana removal with Biological methods (using Biodigester)	L/S	L/s	10.00	10.00
4	Lantana management and Eradication project in SFRI Ladowal Ludhiana	L/S	L/S	50.00	50.00
5	Wood Certification and Carbon Credit works by TERI	L/S	L/S	50.00	50.00
6	Restoration of Bir Kulemajra/ Bhadson (Patiala)	L/S	L/S	77.00	77.00
7	Afforestation in Nine Polluted NACs for Air Pollution Abatement as directed by order of National Green Tribunal communicated by National Authority (maintenance of 2021-22)	No.	5.00	45.00	45.00
8	Preparation, Distributions and spreading of seed balls by JFMCs/SHGs in each Division. (One lakh balls per Division)	No.	2	32.00	32.00
9	Establishment of new research plots of Bamboo by Research Circle	Ha	2	20.00	20.00
10	Enrichment Planting in Plains in different Agro-climatic Zones/ canals on pilot basis	Ha	1.48	44.40	44.40
11	Preparation of Forest Fire Management Plan by SFRI Ladowal Ludhiana	L/s	L/s	50.00	50.00
12	Preparation of REDD + plan for Punjab by SFRI Ladowal Ludhiana	L/s	L/s	50.00	50.00
13	Establishment of Centre of Excellence for Research and Training at SFRI Ladowal Ludhiana	L/s	L/s	200.00	200.00
	Total				640.90

PART-IV of APO-2022-23

4(a) Details of Physical and Financial activities to be undertaken in measureable quantity is as under:-

Sr. No.	Activity	Measureable Quantity	Unit	Amount (Rs. In lakh)	Remarks
A Compensatory Afforestation					
1	Work of New Plantation and Maintenance of last seven years plantations.	New plantation 864.861 ha and Maintenance of 8837.702 ha.	Ha	2,705.51	As per the Annexure 1A to 1D of APO
2	New plantation and Maintenance of old tall plants	New plantation of 121502 tall plants and maintenance of 473479 old tall plants	Numbers	693.84	Annexure 1E of APO
3	Transplantation of Plants/poles/trees affected under FCA 1980	As per details in Annexure	As per APO	360.00	Annexure 1F of APO
3	Patrolling, protection and monitoring and allied activities .	As per details in Annexure	As per APO	345.87	Annexure 1G of APO
4	Entry point activities, Propagation of Nursery Stock for CA Plantations	As per details in Annexure	As per APO	753.65	Annexure 1H & 1 (I) of APO
Total Cost				4,858.86	
B NPV					
4	Plantation and Maintenance under NPV	New plantation 5022 ha and Maintenance of 14105.5 ha.	Ha.	8,386.12	As per Annexure 2 to 5 of APO
5	Avenue plantation/Tall plants	New plantation 273500 and	Numbers	1090.77	Annexure 6 of APO
6	Irrigated Bamboo plantation model in forest area	maintenance of old plantation 145 ha	Ha.	70.89	Annexure 7 of APO
7	Silviculture Operation and Soil & Moisture Conservation Works	Details as per APO	Details as per APO	1,720.07	Annexure 8 of APO
8	Protection, fire prevention control operations and pest control	Details as per APO	Details as per APO	2,287.17	Annexure 9 of APO
9	Bio Diversity Management in Wildlife	Details as per APO	Details as per APO	1,428.90	Annexure 15, and 16, of APO
10	Construction and maintenance of official and residential buildings for front line staff	Details as per APO	Details as per APO	301.64	Annexure 10 of APO
11	Surevey and Mapping of forest area and monitoring	Details as per APO	Details as per APO	540.00	Annexure 11 of APO
12	Propogation of nusery stock for NPV Plantations, Free supply of nusery stock for plantation by public and other institutions and Establishment, upgration of modern nurseries and Propogation of Nursery Stock for plantation by public and other institution	Details as per APO	Details as per APO	1,581.78	Annexure 12, 12-A, 12-B of APO
13	Purchase and Maintenance of equipments for communication and information technology	Details as per APO	Details as per APO	177.75	Annexure 13 of APO

PART-IV of APO-2022-23

4(a) Details of Physical and Financial activities to be undertaken in measureable quantity is as under:-

Sr. No.	Activity	Measureable Quantity	Unit	Amount (Rs. In lakh)	Remarks
14	Publicity cum awareness etc	Details as per APO	Details as per APO	148.68	Annexure 14 of APO
16	Activities out of interest	Details as per APO	Details as per APO	759.50	Annexure 17-18 of APO
17	Innovative project out of interest	Details as per APO	Details as per APO	640.90	Annexure 18-A of APO
	Total NPV			19,134.18	
	Total of APO 2022-23			23,993.05	

4(b) Measurable output of all physical activities to be undertaken along with the period required for achieving the measurable output

Sr. no	Physical Activity	Measurable Output	Period required for Output activity to be Measurable
1	Compensatory Afforestation/ NPV Plantations		
	(a) New Plantation	Survival percentage, growth of plants in terms of height and diameter and status of green cover.	1. Survival percentage and growth of plants:- 1 year.
	(b) Maintenance of previous years plantation	Survival percentage and growth, Biomass assessment, Annual Increment in tree density and tree cover in terms of area.	1. Survival percentage and growth of plants:- 1 year. 2. Tree density, tree cover, biomass assessment and carbon sequestration:- 5 years
2	Nursery	Number of equipments/facilities in Nursery, availability of planting material produced, efficiency of labour, water use efficiency, No. of man days required for seedling production, mortality rate.	1 year
3	Wildlife Conservation & Management	Habitat improvement, No. of incidence of poaching, prey and predatory ratio, availability of drinking water, Fodder, Shelter, No. of Wildlife, Status of man, animal conflict etc.	Over a period of 5 years
4	Soil & Moisture Conservation	Rate of Soil erosion, level of ground water, availability of water in water bodies, status of soil moisture, rate of siltation.	Over a period of 5 years
5	Research, Seed, Publicity/ Education & Training.	Percentage increase in trained field functionaries, status of awareness generation in terms of numbers of camps, quality of seed used in Nurseries, Number of sign boards, number of new tree species introduced in nursery/plantation.	After 1 year
		Results on experimentation regarding special projects.	After 5 year

4(c) Details of the concurrent monitoring and evaluation including third party monitoring.

Director Forest Research institute, Dehradun has conducted third party monitoring of plantation carried out under PUNCAMPA Schemes for the year 2010-11 to 2018-19. The Monitoring team of FRI Dehradun is presently conducting plantation for the years 2019-20 & 2020-21. The Survival percentage of these years is as given below:-

Afforestation Year	Year of Report	Average range for survival percentage as per
2010-11	2013	73.00 to 95.07%
2011-12	2014	62.50 to 92.64%
2012-13	2014	62.00 to 92.00 %
2013-14	2017	59.00 to 80.00%
2014-15	2021	61.02 to 79.21 %
2015-16	2021	61.73 to 80.00 %
2016-17	2021	59.45 to 81.89%
2017-18	2021	67.06 to 88.04%
2018-19	2021	69.11 to 87.33%

Entry Point Activities under CA
Forest Division- Sri Mukatsar Sahib (APO Year 2022-23)

Sr. No.	Govt. of India/State Govt. Approval No.	Approval Date	Forest area diverted (in Ha.)	Amount Entry Point Activities	Mesquite removal
1	9PBC313/2019-CHA	25.10.2019	22.1701	4859306	
2	9PBC320/2020-CHA	08.07.2020	77.3655	8862080	
3	9PBB355/2019-CHA	11.05.2020	4.8714	935240	
4	9-PBB384/2020-CHA	10.5.21	2.1190	397185	385430
5	9-PBB384/2020-CHA	4.6.21	3.9520	742230	722710
6	File No. Forest-FCAOFC/M/8/2021-FCA dt 12-7-2021	7/12/2021	0.1000	12175	
7	File No. Forest-FCAOFC/M/5/2021-FCA dt 16-7-2021	7/16/2021	0.0896	10910	
8	File No. Forest-FCAOFC/M/11/2021-FCA dt 22-7-2021	7/22/2021	0.0064	4870	
9	File No. Forest-FCAOFC/M/1/2021-FCA dt 23-7-2021	7/23/2021	0.00485	5174	
10	File No. Forest-FCAOFC/4R/22/2020-FCA dt 31-7-2021	31-7-2021	0.0140	5770	
11	: 9-PBB333/201-CHA Dt 19-8-21	19-8-21	0.848	134412	
12	: 9-PBB361/2021-CHA Dt 10-8-21	10-8-21	0.1465	17824	
13	File No.FOREST-FCA0FC1M/33/2020-FCA	2-9-2021	0.0106	5537	
14	File No. Forest-FCAOFC/1M/7/2021-FCA dt 29-9-2021	29-9-21	0.007	5308	
15	File No.FOREST-FCA0FC1M/6/2021-FCA	8-10-21	0.04455	5455	
16	9-PBB363/2021-CHA	27-10-21	0.098	11932	
17	File No.FOREST-FCA0FC1M/23/2020-FCA	9-11-21	0.00227	5013	
18	File No.FOREST-FCA0FC1M/25/2021-FCA	13.12.21	0.0857	10422	
19	9-PBC451/2021-CHA	17-12-21	58.733	5720594	4956502
	Total			21751437	6064642
	G. Total (EPA+Mesquite Removal)			27816079	



भारत सरकार
GOVERNMENT OF INDIA

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE

उत्तर क्षेत्रीय कार्यालय, चंडीगढ़ / Northern Regional Office, Chandigarh



मिसिल संख्या - 9PBC313/2019-CHA

दिनांक: 25-10-2019

सेवा में,

अतिरिक्त मुख्य सचिव (वन),
पंजाब सरकार, लघु सचिवालय,
सेक्टर-9, चण्डीगढ़।

विषय:- Diversion of 22.1701 ha (instead of 21.746 ha) of forest land in favour of Executive Engineer, Central Works Division, PWD B&R, Abohar passing through Abohar Wildlife Sanctuary for the project Rehabilitation & Upgradation to 2 Lane with paved shoulders of Abohar-Sito-Gunno-Dabwali Road from Revised km. 5.405 to km. 22.830 (instead of 5.50 to km. 22.50) of NH-354 E including construction of one high level major steel bridge on EPC mode in the State of Punjab. (Online proposal No. FP/PB/Road/35821/2018)-regarding

सहोदय,

आपका ध्यान उपर्युक्त विषय से सम्बन्धित प्रधान मुख्य वन संरक्षक पंजाब सरकार, वन एवं वन्य जीव संरक्षक विभाग के पत्र संख्या FCA/1980/14/2019/1488 दिनांक 13.02.2019 की ओर दिलाया जाता है जिसमें वन (संरक्षण) अधिनियम, 1980 की धारा- 2 के अधीन केन्द्र सरकार की अनुमति मांगी गई है। इस प्रस्ताव में इस कार्यालय द्वारा दिनांक 23.04.2019 द्वारा सैधांतिक स्वीकृति पदान की गई थी जिसकी अनुपालना रिपोर्ट अतिरिक्त प्रधान मुख्य वन संरक्षक (एफ०सी०) व नोटल अधिनारी पंजाब सरकार, वन एवं वन्य जीव संरक्षक विभाग के पत्र संख्या FCA/1980/14/2019/489 दिनांक 11.10.2019 द्वारा प्राप्त होने के उपरान्त केन्द्र सरकार द्वारा उपर्युक्त उद्देश्य हेतु 22.1701 हेक्टेयर वन भूमि के उपयोग हेतु स्वीकृति निम्नलिखित शर्तें पूरी करने पर प्रदान की जाती है

- i. वन भूमि की विधिक परिस्थिति बदली नहीं जाएगी।
- ii. कम से कम वृक्ष / पौधे काटे जायेंगे। काटे जाने वाले पेड़ों की संख्या 6,369 और पौधों की संख्या 5,425 से अधिक नहीं होगी।
- iii. प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार CB drain RD 89 to doda disty L/s, AB canal RD 557-562 R/s & 562-570 B/s, Wahabwala Drain RD rajasthan Feedar Pul to Malout Dabwali road pul (DHS road pul) L/s, Abul Khurana drain Mahuana Pul to Manikhera Pul L/s, Abul Khurana Drain RD 98 to 160 R/s में प्रयोज्य एजेंसी से प्राप्त 2,15,93,580/- रुपये (Two crore fifteen lakh ninety three thousand five hundred eighty only) की राशि से 44,340 हेक्टेयर वन क्षेत्र में पौधें लगाकर किया जायेगा।
- iv. अतिरिक्त प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार Paeca Drain RD 0-40 B/s, Malout Drain RD Rly Line to Village Shamkhera B/s, Lubaniana wali Drain RD 0-50 B/s में प्रयोज्य एजेंसी से प्राप्त 73,34,600/- रुपये (Seventy three lakh thirty four thousand six hundred only) की राशि से 21,700 हेक्टेयर वन क्षेत्र में पौधें लगाकर किया जायेगा।
- v. प्रतिपूर्ति और अतिरिक्त प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
- vi. वन भूमि का प्रयोग प्रस्ताव में दर्शाये गये उद्देश्य के अलावा किसी अन्य उद्देश्य के लिए नहीं किया जायेगा।
- vii. जब कभी भी NPV की राशी बढ़ाई जायेगी तो उस बढ़ी हुई NPV की राशि को जमा करने के लिए प्रयोज्य एजेंसी बाध्य होगी।
- viii. साथ लगते वन और वन भूमि को किसी तरह का कोई नुकसान नहीं पहुंचाया जायेगा और साथ लगते हुए वन और वन भूमि को बचाने के लिये सभी प्रयत्न किये जायेंगे।
- ix. स्थानान्तरण के लिए प्रस्तावित वन भूमि को केंद्रीय सरकार की पूर्व अनुमति के बिना किसी भी परिस्थिति में किसी अन्य एजेंसी, विभाग या व्यक्ति विशेष को हस्तांतरित नहीं किया जायेगा।
- x. केन्द्रीय सरकार की अनुमति के बिना प्रस्ताव की ले आउट प्लान को बदला नहीं जायेगा।
- xi. वन भूमि पर किसी भी प्रकार का कोई श्रमिक शिविर नहीं लगाया जायेगा।

- xii. प्रयोक्ता एजेंसी द्वारा बांझित भूमि संरक्षण पैमाने उपयोग किये जायेंगे, जिसके लिए प्रयोक्ता एजेंसी द्वारा बर्तमान धरों पर धनराशि उपलब्ध करायी जायेगी।
- xiii. प्रयोक्ता एजेंसी द्वारा श्रमिकों तथा कार्यस्थल पर कार्यरत स्टाफ को अधिमानतः वैकल्पिक ईंधन उपलब्ध करायेगी, ताकि साथ लगे वन क्षेत्र को किसी प्रकार के नुकसान तथा वनाय से बचाया जा सके।
- xiv. यदि आवश्यक हो तो प्रयोक्ता एजेंसी पर्यावरण (सुरक्षा) अधिनियम 1986, के अनुसार पर्यावरण अनुमति प्राप्त करेगी।
- xv. सूझा कर्कट निपटान वन विभाग द्वारा जारी योजना के अनुसार किया जायेगा।
- xvi. FRA, 2006 का पूर्ण अनुपालन का प्रमाण सम्बंधित जिला कलेक्टर से निर्धारित प्रमाण-पत्र के माध्यम से सुनिश्चित किया जाएगा।
- xvii. संरक्षित क्षेत्रों/ वन क्षेत्रों में रेलवे लाइन के साथ नियमित अंतराल पर गति विनियमन साहनेज (signage) लगाया जाएगा।
- xviii. अन्य कोई भी शर्त इस क्षेत्रीय कार्यालय द्वारा वन तथा वन्य जीव का संरक्षण, सुरक्षा तथा विकास के लिए समय-समय पर लगाई जा सकती है।
- xix. इनमें से किसी भी शर्त का उल्लंघन वन संरक्षण अधिनियम, 1980 का उल्लंघन होगा तथा पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय के दिशानिर्देशों 1.21 के अनुसार कार्यवाही की जायेगी।
- xx. यदि कोई अन्य संबंधित अधिनियम/अनुच्छेद/नियम/न्यायालय आदेश/अनुदेश आदि इस प्रस्ताव पर लागू होते हैं तो उनके अधीन जरूरी अनुमति लेना प्रयोक्ता एजेंसी व राज्य सरकार की जिम्मेवारी होगी।

3. मंत्रालय इस स्वीकृति को स्थगित/रद्द कर सकता है यदि उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन सन्तोषप्रद नहीं है। राज्य सरकार वन विभाग के माध्यम से इन शर्तों का पालन सुनिश्चित करेगी।

भवदीय,



(सी० डी० सिंह) 25/10/2011
उप वन महानिदेशक (केन्द्रीय)

प्रतिलिपि:-

1. अपर वन महानिदेशक (वन), पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय, इन्द्रा पर्यावरण भवन, जोर बाग, अलीगंज, नई दिल्ली।
2. अपर प्रधान मुख्य वन संरक्षक, पंजाब, फोरेस्ट कॉम्प्लेक्स, नै०-68, एस० ए० एस० नगर, मोहाली, पंजाब।
3. वन मण्डल अधिकारी, वन मण्डल और जिला Sri Muktsar Sahib पंजाब।
4. The Executive Engineer, Central Works Division, PWD B&R Br., Abohar, Punjab.

2 **Schedule of plantation programmes**

Detail of year wise break-up of requirements of funds is as under

S.No	Year	Area (in Ha.)	Rate/Ha	Total Amount
1	0th Year			
2	1th Year	44.340	186465	8267858
3	2th year	44.340	73045	3238815
4	3th year	44.340	45880	2034319
5	4th year	44.340	42683	1892564
6	5th year	44.340	39565	1754312
7	6th year	44.340	5969	264665
8	7th year	44.340	5969	264665
9	8th year	44.340	5969	264665
10	9th year	44.340	5969	264665
11	10 year	44.340	5969	264665
12	Overhead charges 5 %	44.340	21172	938766
13	Wage Enhancement @ 10%	44.340	42376	1878952
Total			487000.00	21593580

Technical details:-

Technical details of Compensatory Afforestation

Scheme are as follows:-

a	General Details	Planting by 44340 Plants
b	Spacement	1000X50X50X40 500X25mX30X20m
c	Species:-	Neem,Drek, Shisham,Kikar,etc
d	Plantation method	Degraded, Trench & Pits
e	Soil and Moisture Conservation Works	N.A
f	Protection (Fencing Watchman, People's Participation etc.)	Watch Man
g	Proposed Monitoring Mechanisum by	As per guidelines issued PCCF
h	Any other informatin	Nil

Total Estimate

1	NPV OF 'area 22.1701*8.87		NPV	19664880.00
2	Cost of Compensatory Afforestation 22.1701*2000 =44340 Plants @ 487/- Rs.		CA	21593580.00
3	Cost of Compensatory Afforestation (Tall Plants 5425*2 =10850 Tall Plants @ 676 Rs.PER Tall Plants(area tall plants planted 21.700 ha.)Estimate attach		ACA	7334600.00
A	Sub Total(1+2+3)		-	48593060.00
B	Entry Point Activities 10%(1+2+3)		-	4859306.00
4	JCB (JCB Baenkhoe 4DN)(without RC)		JCB	2780500.00
5	Tata 407(without Re)		Tata 407	778415.00
6	SILENT D G SET 15 KV SP AMF Wal (ASHOK LEYLAND - CSII) (CSH AL 0015 SDG 15 KVA SP AMF)@339000		1 No.s	339000.00
7	Xerox Multifuntion Machine(Xerox verslink 7025)		No1	137500.00
C	Others Charges Sub Total(4+5+6+7)			4035415.00
	G.Total(A+B+C)			57487781.00

Divisional Forest Officer,
Muktsar Forest Division,
Shri Muktsar Sahib



भारत सरकार
GOVERNMENT OF INDIA
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE
CHANGE



उत्तर क्षेत्रीय कार्यालय, चंडीगढ़ / Northern Regional Office,
Chandigarh

दिनांक: 08-07-2020

मिसिल संख्या -: 9PBC320/2020-CHA

सेवा में,

अतिरिक्त मुख्य सचिव (वन),
पंजाब सरकार, लघु सचिवालय,
सेक्टर-9, चण्डीगढ़।
(fcf@punjab.gov.in)

विषय:- Diversion of 77.3655 ha (32.9633 ha in Bathinda forest division + 44.4022 ha in Sri Muktsar Sahib forest division) of forest land in favour of General Manager (Tech) Project Director, NHAI PIU, Bathinda for widening and strengthening of Bathinda-Malout road km. 06-23.500 B/s Bathinda to Malout section NH-07 to 4-lane with paved shoulder from existing change 123.218 (design change km. 0.000) to existing chainage km. 84.600 (design change km. 38.664) under Bharatmala Pariyojna (Package-1) in the state of Punjab on Hybrid Annuity Mode, under forest division and District Bathinda and Sri Muktsar Sahib, Punjab.)Online proposal No. FP/PB/Road/38835/2019)-regarding

महोदय,

आपका ध्यान उपर्युक्त विषय से सम्बन्धित अतिरिक्त प्रधान मुख्य वन संरक्षक पंजाब सरकार, वन एवं वन्य जीव संरक्षक विभाग के पत्र संख्या FCA/1980/39-40/2020 दिनांक 09.05.2020 की ओर दिलाया जाता है जिसमें वन (संरक्षण) अधिनियम, 1980 की धारा- 2 के अधीन केन्द्र सरकार की अनुमति मांगी गई है। इस प्रस्ताव में इस कार्यालय द्वारा दिनांक 13.05.2020 द्वारा सैधांतिक स्वीकृति प्रदान की गई थी जिसकी अनुपालना रिपोर्ट अतिरिक्त प्रधान मुख्य वन संरक्षक (एफ०सी०) व नोडल अधिकारी पंजाब सरकार के पत्र संख्या FCA/1980/39-40/2020 दिनांक 30.06.2020 द्वारा प्राप्त होने के उपरान्त केन्द्र सरकार द्वारा उपर्युक्त उद्देश्य हेतु 77.3655 हेक्टेयर वन भूमि के उपयोग हेतु स्वीकृति निम्नलिखित शर्तें पूरी करने पर प्रदान की जाती है

- i. वन भूमि की विधिक परिस्थिति बदली नहीं जाएगी।
- ii. कम से कम वृक्ष काटे जायेंगे। काटे जाने वाले पेड़ों की संख्या 7133 + पोलो की संख्या 393 under Bathinda forest division & पेड़ों की संख्या 5910 पोलो की संख्या 529 + 3900 bamboo plants under Sri Muktsar Sahib forest division से अधिक नहीं होगी।
- iii. प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार Bathinda-Abohar Railway Line km. 17-22.5 B/s, Delhi-Ferozpur Railway line km. 280-284 B/s, Delhi-Ferozpur Railway line km. 288-292 B/s, Bathinda-Hanumangarh Railway line km. 20-36/c (under Bathinda forest division) + Bathinda-Hindumal Kot Railway line 28-34 B/s, Bathinda-Hindumal Kot Railway line Sirhind Feedar to Jandwala Feedar to Jandwala Ghumiaru link road B/s km. 34-39, Bathinda-Hindumal Kot Railway line km. 39-43 B/s, Bathinda-Hindumal Kot Railway line km. 44-58 B/s (under Sri Muktsar Sahib forest division) में प्रयोक्ता एजेंसी से प्राप्त 7,53,54,484/- (3,21,06,449 + 4,32,48,035) रुपये (Seven crore fifty three lakh fifty four thousand four hundred eighty four only) की राशि से 154.518 (65.713 ha. under Bathinda forest division & (88.805 ha. under Sri Muktsar Sahib forest division) हेक्टेयर वन क्षेत्र में पौधें लगाकर किया जायेगा।

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- iv. अतिरिक्त प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार Bathinda-Hanumangarh Railway line km. 20-36 B/s (under Bathinda forest division) + Bathinda-Hindumal Kot Railway line km. 28-34 B/s, Bathinda-Hindumal Kot Railway line km. 39-43 B/s (under Sri Muktsar Sahib forest division) में प्रयोक्ता एजेंसी से प्राप्त 65,19,344/- (5,31,336 + 59,88,008) रूपये (Sixty five lakh nineteen thousand three hundred fourty four only) की राशि से 19,287 (1.571 ha. under Bathinda forest division & 17.716 ha. under Sri Muktsar Sahib forest division) हेक्टेयर वन क्षेत्र में पौधे लगाकर किया जायेगा
- v. प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
- vi. वन मण्डल अधिकारी यह सुनिश्चित करे कि इस कार्यालय द्वारा स्वीकृत प्रतिपूर्ति पौधारोपण के स्थलों को बिना सक्षम अधिकारी के अनुमोदन के स्वेच्छानुसार नहीं बदलेगें।
- vii. नोडल अधिकारी (State CAMPA) यह सुनिश्चित करे कि इस कार्यालय द्वारा स्वीकृत प्रतिपूर्ति पौधारोपण स्कीम के अनुसार बजट वन मण्डल अधिकारी को उपलब्ध करवायेगें।
- viii. वन भूमि का प्रयोग प्रस्ताव में दर्शाये गये उद्देश्य के अलावा किसी अन्य उद्देश्य के लिए नहीं किया जायेगा।
- ix. जब कभी भी NPV की राशि बढ़ाई जायेगी तो उस बढ़ी हुई NPV की राशि को जमा करने के लिए प्रयोक्ता एजेंसी बाध्य होगी। और
- x. साथ लगे वन और वन भूमि को किसी तरह का कोई नुकसान नहीं पहुंचाया जायेगा और साथ लगे हुए वन और वन भूमि को बचाने के लिये सभी प्रयत्न किये जायेंगे।
- xi. स्थानान्तरण के लिए प्रस्तावित वन भूमि को केंद्रीय सरकार की पूर्व अनुमति के बिना किसी भी परिस्थिति में किसी अन्य एजेंसी, विभाग या व्यक्ति विशेष को हस्तांतरित नहीं किया जायेगा।
- xii. केंद्रीय सरकार की अनुमति के बिना प्रस्ताव की ले आउट प्लान को बदला नहीं जायेगा।
- xiii. वन भूमि पर किसी भी प्रकार का कोई भूमि विशेष को हस्तांतरित नहीं लगाया जायेगा।
- xiv. प्रयोक्ता एजेंसी द्वारा वांछित भूमि संरक्षण पैमाने उपयोग किये जायेंगे, जिसके लिए प्रयोक्ता एजेंसी द्वारा वर्तमान दरों पर धनराशि उपलब्ध करावी जायेगी।
- xv. प्रयोक्ता एजेंसी द्वारा भूमिों तथा कार्यस्थल पर कार्यरत स्टाफ को अधिमानतः वैकल्पिक इंधन उपलब्ध करायेगी, ताकि साथ लगे वन क्षेत्र को किसी प्रकार के नुकसान तथा दबाव से बचाया जा सके।
- xvi. यदि आवश्यक हो तो प्रयोक्ता एजेंसी पर्यावरण (सुरक्षा) अधिनियम 1986, के अनुसार पर्यावरण अनुमति प्राप्त करेगी।
- xvii. कूड़ा कर्कट निपटान जारी योजना के अनुसार किया जायेगा।
- xviii. अन्य कोई भी शर्त इस क्षेत्रीय कार्यालय द्वारा वन तथा वन्य जीव का संरक्षण, सुरक्षा तथा विकास के लिए समय-समय पर लगाई जा सकती है।
- xix. यदि कोई अन्य संबंधित अधिनियम/अनुच्छेद/नियम/न्यायालय आदेश/अनुदेश आदि इस प्रस्ताव पर लागू होते हैं तो उनके अधीन जरूरी अनुमति लेना प्रयोक्ता एजेंसी व राज्य सरकार की जिम्मेवारी होगी।

3. मंत्रालय इस स्वीकृति को स्थगित/रद्द कर सकता है यदि उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन सन्तोषप्रद नहीं है। राज्य सरकार वन विभाग के माध्यम से इन शर्तों का पालन सुनिश्चित करेगी।

भवदीय,

हस्ता/-

(सी० डी० सिंह)

उप वन महानिदेशक (केन्द्रीय)


प्रतिलिपि:-

1. अपर वन महानिदेशक (वन), पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, इन्द्रा पर्यावरण भवन, जोर बाग, अलीगंज, नई दिल्ली। (adgfc-mef@nic.in)
2. प्रधान मुख्य वन संरक्षक, पंजाब, फोरेस्ट कॉम्प्लैक्स, सै०-68, एस० ए० एस० नगर, मोहाली, पंजाब। (pccfpunjab@gmail.com)
3. अपर प्रधान मुख्य वन संरक्षक-एवं-नोडल ऑफिसर, पंजाब, फोरेस्ट कॉम्प्लैक्स, सै०-68, एस० ए० एस० नगर, मोहाली, पंजाब। (fcaforest@gmail.com)

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8th Year Maintenance					
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
Sub Total					5969.60
9th Year Maintenance					
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
Sub Total					5969.60
10th Year Maintenance					
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
Sub Total					5969.60
Total					423457.89
Over Head expenses 5%					21172.89
Wage Enhancement @ 10%					42345.79
G. Total					486976.58
Or say					487
				Per plant	43248035
1	Cost of Compensatory Afforestation 44.4022*2000=88804 Plants @ 487/			CA	39384755
2	NPV OF 'area 44.4022*8.87			HPV	5988008
3	Cost of Compensatory Afforestation (Tall Plants)4429*2 =8858 Tall Plants @ 676 Rs.PER Tall Plants Planted in 17.716 Ha.			ACA	88620798.00
4	Sub Total				8852080.00
5	Entry Point Activities(10%*(1+2+3))				1416500
6	(i)Field Vehicle for monitoring of CAMPA & CA plantations LS		1.00	Other Charges	440000.00
	(ii) Tractor Nos. 2@340000 (without RC)		2.00		310000.00
	(iii) Water Tanker(RAY ENGINEERS & FABRICATORS)(RAY) Nos 2 @155000		2.00		85000.00
	(iv) ENGINE PUMP SET WATER COOLED) Nos 2 @42500		2.00		300000.00
	(v)Trolley Two No.s @ 1.5 lac		5.00		1250000.00
	(vi)SUBMERSIBLE PUMP WITH Accessories 5 no.s @2.5 lac		14 ha		316933.00
	(vii) Damage of Earth work year 2019-20 (14 ha.) Due to HTI-MLT road widening		5400 00		9720000.00
	(viii)Tree Guard for tall plants 5400 nos. @1800		18000 00		4178000.00
	(ix)ICC Isilar 18000@232 (LS)				18254433.00
7	Sub Total Others Charges				Grand Total
Grand Total(4+5+7)					


 Divisional Forest Officer,
 Muktsar Forest Division,
 Shri Muktsar Sahib



भारत सरकार
GOVERNMENT OF INDIA

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय

MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE

उत्तर क्षेत्रीय कार्यालय, चंडीगढ़ / Northern Regional Office, Chandigarh



मिसिल संख्या :- 9PHE355/2019-CHA

दिनांक: 11-05-2020

सेवा में,

अतिरिक्त मुख्य सचिव (वन),
पंजाब सरकार, लघु सचिवालय,
सेक्टर-9, चण्डीगढ़।

विषय:- Diversion of 4.8714 ha of forest land in favour of Executive Engineer, Central Works Division, PWD B&R, Ferozpur for rehabilitation & upgradation to 2 lane with paved shoulders from km. 49.450 to 72.597 (23.147) of NH-754 section of Muktsar Jalalabad road of EPC mode in the State of Punjab, under Forest Division and District Muktsar, Punjab (Online proposal No. FP/PB/Road/39068/2019)-regarding

महोदय,

आपका ध्यान उपर्युक्त विषय से संबंधित अतिरिक्त प्रधान मुख्य वन संरक्षक पंजाब सरकार, वन एवं वन्य जीव संरक्षण विभाग के पत्र संख्या FCA/1980/81/2019/451 दिनांक 20.09.2019 की ओर दिलाया जाता है जिसमें वन (संरक्षण) अधिनियम, 1980 की धारा- 2 के अधीन केन्द्र सरकार की अनुमति मांगी गई है। इस प्रस्ताव में इस कार्यालय द्वारा दिनांक 03.12.2019 द्वारा सैधातिक स्वीकृति प्रदान की गई थी जिसकी अनुपालना रिपोर्ट अतिरिक्त प्रधान मुख्य वन संरक्षक (एफ०सी०) व नोडल अधिकारी पंजाब सरकार के पत्र संख्या FCA/1980/81/2019/5287 दिनांक 11.03.2020 द्वारा प्राप्त होने के उपरान्त केन्द्र सरकार द्वारा उपर्युक्त उद्देश्य हेतु 4.8714 हेक्टेयर वन भूमि के उपयोग हेतु स्वीकृति निम्नलिखित शर्तें पूरी करने पर प्रदान की जाती है

- i. वन भूमि की विधिक परिस्थिति बदली नहीं जाएगी।
- ii. कम से कम वृक्ष काटे जायेंगे। काटे जाने वाले पेड़ों की संख्या 724 और पौधों की संख्या 212 से अधिक नहीं होगी।
- iii. प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार Kotli Kassi RD 0- Drain L/s (MKS range) and CB Drain Sifen to 89 B/s (MKS range) में प्रयोक्ता एजेंसी से प्राप्त 47,44,841/- रूपये (Forty seven lakh forty four thousand eight hundred forty one only) की राशि से 9.743 हेक्टेयर वन क्षेत्र में पौधे लगाकर किया जायेगा।
- iv. अतिरिक्त प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार CB Drain Sifen to 89 B/s (MKS range) में प्रयोक्ता एजेंसी से प्राप्त 2,86,624/- रूपये (Two lakh eighty six thousand six hundred twenty four only) की राशि से 0.848 हेक्टेयर वन क्षेत्र में पौधे लगाकर किया जायेगा।
- v. प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
- vi. वन मण्डल अधिकारी यह सुनिश्चित करे कि दूर कार्यालय द्वारा स्वीकृत प्रतिपूर्ति पौधारोपण के स्थलों को बिना सक्षम अधिकारी के अनुमोदन के स्वेच्छानुसार नहीं बदलेंगे।
- vii. नोडल अधिकारी (State CAMPA) यह सुनिश्चित करे कि इस कार्यालय द्वारा स्वीकृत प्रतिपूर्ति पौधारोपण स्कीम के अनुसार बजट वन मण्डल अधिकारी को उपलब्ध करवायेगें।
- viii. वन भूमि का प्रयोग प्रस्ताव में दर्शाये गये उद्देश्य के अलावा किसी अन्य उद्देश्य के लिए नहीं किया जायेगा।
- ix. जब कभी भी NPV की राशी बढ़ाई जायेगी तो उस बढ़ी हुई NPV की राशि को जमा करने के लिए प्रयोक्ता एजेंसी बाध्य होगी। और
- x. साथ लगते वन और वन भूमि को किसी तरह का कोई नुकसान नहीं पहुंचाया जायेगा और साथ लगते हुए वन और वन भूमि को बचाने के लिये सभी प्रयत्न किये जायेंगे।
- xi. स्थानान्तरण के लिए प्रस्तावित वन भूमि को केंद्रीय सरकार की पूर्व अनुमति के बिना किसी भी परिस्थिति में किसी अन्य एजेंसी, विभाग या व्यक्ति विशेष को हस्तांतरित नहीं किया जायेगा।
- xii. केन्द्रीय सरकार की अनुमति के बिना प्रस्ताव की ले आउट प्लान को बदला नहीं जायेगा।
- xiii. वन भूमि पर किसी भी प्रकार का कोई श्रमिक शिविर नहीं लगाया जायेगा।

बेज नं. 24-25, सेक्टर-31ए, चंडीगढ़-160030 / Bays No. 24-25, Sector-31 A, Chandigarh-160030

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8th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
9th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
10th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
Total					423457.89
Over Head expenses 5%					21172.89
Wage Enhancement @ 10%					42345.79
G. Total					486976.58
Or say					486977
				Per plant	487
1	Cost of Compensatory Afforestation 4.8714*2000 = 9713 Plants @ 487/-			CA	4744841.00
2	NPV OF area 4.8714*8.87			NPV	4320935.00
3	Additional CA (Tail plants) 212*2=424 @ 676 tail plants planted in 0.848 ha)			ACA	286624.00
4	Sub Total				9352400.00
5	Entry Point Activities (10%)(1+2+3)				935240.00
6	(i) Tractor Eicher 241 Xtrac(Eicher)(EICHER 241 Xtrac)Nos 1 @ 340000 (without RC)		340000.00	Other Charges	494000.00
	(ii) Water Tanker(RAY ENGINEERS & FABRICATORS)(RAY) Nos 1 @ 154000		154000.00		
Grand Total(4+5+6)				Grand Total	10781640.00

By
 Divisional Forest Officer,
 Muktsar Forest Division,
 Shri Muktsar Sahib



भारत सरकार
GOVERNMENT OF INDIA
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE
CHANGE



एकीकृत क्षेत्रीय कार्यालय, चंडीगढ़ / Integrated Regional Office,
Chandigarh

मिसिल संख्या -: 9-PBB384/2020-CHA

दिनांक 10-05-2021

सेवा में,

अतिरिक्त मुख्य सचिव (वन),
पंजाब सरकार, लघु सचिवालय,
सेक्टर-9, चण्डीगढ़।
(fcf@punjab.gov.in)

विषय:- Diversion of 2.119 ha of forest land in favour of Executive Engineer, Construction Division, PWD B&R, Fazilka passing through Abohar Town for the project Up-gradation of Malout Chowk to Sito-Gunno Chowk in Abohar Town from km. 0.00 to 2.30 (MDR 39) under CRIF, under Forest Division and District Sri Muktsar Sahib, Punjab. (Proposal No. FP/PB/ROAD/50752/2020)

संदर्भ (i) State Government online proposal received on dated 05.12.2020

(ii) मुख्य वन संरक्षक, पंजाब के पत्र संख्या FOREST-FCA0FC1M/30/2020-FCA दिनांक 23.04.2021

महोदय,

कृपया उपर्युक्त विषय में संदर्भित पत्र का अवलोकन करें जिसमें वन (संरक्षण) अधिनियम, 1980 की धारा- 2 के अधीन केन्द्रीय सरकार की अनुमति मांगी गई है। इस प्रस्ताव में इस कार्यालय के समसंख्यक पत्र दिनांक 15.03.2021 द्वारा सैधांतिक स्वीकृति प्रदान की गई थी जिसकी अनुपालना रिपोर्ट नोटल अधिकारी के पत्र संख्या FOREST-FCA0FC1M/30/2020-FCA दिनांक 23.04.2021 (E-mail) द्वारा प्राप्त होने के उपरान्त केन्द्र सरकार द्वारा उपर्युक्त उद्देश्य हेतु 2.119 हेक्टेयर वन भूमि के उपयोग हेतु स्वीकृति निम्नलिखित शर्तें पूरी करने पर प्रदान की जाती है:-

- वन भूमि की विधिक परिस्थिति बदली नहीं जाएगी।
- प्रस्ताव के अनुसार कम से कम वृक्ष/पौधों काटे जायेंगे और काटे जाने वाले वृक्षों की संख्या 153 और पौधों की संख्या 21 से अधिक नहीं होगी।
- प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार Bathinda Hindumal Kot Railway line KM 22-26 R/side, Range Lambi and District Muktsar, में प्रयोक्ता एजेंसी से प्राप्त 20,63,906/- रुपये (Rupees twenty lakh sixty three thousand nine hundred & six only) की राशि से 4.322 हेक्टेयर वन क्षेत्र में पौधे लगाकर किया जायेगा।
- अतिरिक्त प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार Bathinda Hindumal Kot Railway line KM 22-26 R/side, Range Lambi and District Muktsar, में प्रयोक्ता एजेंसी से प्राप्त 28,392/- रुपये (Rupees twenty eight thousand three hundred & ninety two only) की राशि से 0.084 हेक्टेयर वन क्षेत्र में पौधे लगाकर किया जायेगा।
- प्रतिपूर्ति पौधारोपण और अतिरिक्त प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
- The Divisional Forest Officer shall ENSURE that the approved CA site(s) will not be changed without the approval of competent authority.
- The CEO, State CAMPA Authority shall ENSURE that the funds under State CAMPA will be released to Divisional Forest Officer as per approved CA scheme.

ब्लॉक नं. 24-25, सेक्टर-31 ए, चंडीगढ़-160030 / Bays No. 24-25, Sector-31 A,

Chandigarh-160030

दूरभाष/Tel No : 0172-2638061 Fax No : 0172-2638135 Email : ronz.chd-
mef@nic.in

- viii. वन भूमि का प्रयोग प्रस्ताव में दर्शाये गये उद्देश्य के अलावा किसी अन्य उद्देश्य के लिए नहीं किया जायेगा।
 - ix. जब कभी भी NPV की राशि बढ़ाई जायेगी तो उस बड़ी हुई NPV की राशि को जमा करने के लिए प्रयोक्ता एजेंसी बाध्य होगी।
 - x. साथ लगते वन और वन भूमि को किसी तरह का कोई नुकसान नहीं पहुंचाया जायेगा और साथ लगते हुए वन और वन भूमि को बचाने के लिये सभी प्रयत्न किये जायेंगे।
 - xi. स्थानान्तरण के लिए प्रस्तावित वन भूमि को केंद्रीय सरकार की पूर्व अनुमति के बिना किसी भी परिस्थिति में किसी अन्य एजेंसी, विभाग या व्यक्ति विशेष को हस्तांतरित नहीं किया जायेगा।
 - xii. केन्द्रीय सरकार की अनुमति के बिना प्रस्ताव की ले आउट प्लान को बदला नहीं जायेगा।
 - xiii. एवेन्यू वृक्षारोपण, सड़क के दोनों ओर व मध्य भाग पर आईआरसी विनिर्देश के अनुसार उपयोगकर्ता एजेंसी द्वारा किया जाएगा।
 - xiv. वन भूमि पर किसी भी प्रकार का कोई धार्मिक शिविर नहीं लगाया जायेगा।
 - xv. यदि आवश्यक हो तो प्रयोक्ता एजेंसी द्वारा भूमि संरक्षण के लिए वर्तमान दरों पर धनराशि उपलब्ध करायी जायेगी।
 - xvi. प्रयोक्ता एजेंसी द्वारा श्रमिकों तथा कार्यस्थल पर कार्यरत स्टाफ को अधिमानतः वैकल्पिक इंधन उपलब्ध करायेगी, ताकि साथ लगते वन क्षेत्र को किसी प्रकार के नुकसान तथा दबाव से बचाया जा सके।
 - xvii. यदि आवश्यक हो तो प्रयोक्ता एजेंसी पर्यावरण (सुरक्षा) अधिनियम 1986, के अनुसार पर्यावरण अनुमति प्राप्त करेगी।
 - xviii. कूड़ा कंकड़ निपटान जारी योजना के अनुसार किया जायेगा।
 - xix. अन्य कोई भी शर्त इस क्षेत्रीय कार्यालय द्वारा वन तथा वन्य जीव का संरक्षण, सुरक्षा तथा विकास के लिए समय - समय पर लगाई जा सकती है।
 - xx. यदि कोई अन्य संबंधित अधिनियम/अनुच्छेद/नियम/न्यायालय आदेश/अनुदेश आदि इस प्रस्ताव पर लागू होते हैं तो उनके अधीन जरूरी अनुमति लेना प्रयोक्ता एजेंसी व राज्य सरकार की जिम्मेवारी होगी।
2. मंत्रालय इस स्वीकृति को स्थगित/रद्द कर सकता है यदि उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन सन्तोषप्रद नहीं है। राज्य सरकार वन विभाग के माध्यम से इन शर्तों का पालन सुनिश्चित करेगी।

भवदीय,

हस्ता/-
(सी०डी०सिंह)
क्षेत्रीय अधिकारी MoEF&CC

प्रतिनिधि:-

1. अपर वन महानिदेशक (वन), पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, इन्डा पर्यावरण भवन, जोर बास, अलीगंज, नई दिल्ली | (www.adgfc-mef@nic.in)
2. प्रधान मुख्य वन संरक्षक, पंजाब, फॉरेस्ट कॉम्प्लेक्स, सै०-68, एम० ए० एम० नगर, मोहाली, पंजाब | (www.pccfpunjab@gmail.com)
3. CEO CAMPA, O/o PCCF (HoFF), Department of Forests, Forest Department, ForestComplex, Sector-68, S.A.S. Nagar, Punjab (geo.puncampa@gmail.com)
4. वन मण्डल अधिकारी, वन मण्डल और जिला श्री मुक्तसर साहिब, पंजाब | (dfofdk@rediffmail.com)

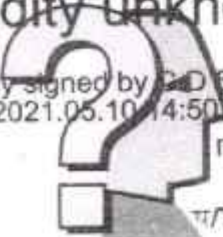
ब्लॉक नं. 24-25, सेक्टर-31 ए, चंडीगढ़-160030 / Bays No. 24-25, Sector-31 A,
Chandigarh-160030

दूरभाष/Tel No : 0172-2638061 Fax No : 0172-2638135 Email : ronz.chd-
mef@nic.in

5. The Executive Engineer, Provincial Division, PWD B&R, Fazilka, Punjab.
(eecdfzlpwdpb@gmail.com)

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Chandigarh-160030

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mef@nic.in


Diversion of 2.119 Ha. Forest Land passing through Abohar Town for the project Up-gradation of Malout Chowk to Sito-Gunno Chowk in Abohar Town From Km 0.00 to 2.30 (MDR 39) Under CRIF in the state of Punjab under Muktsar Forest division.

**Plantation Model For Standard Plantation under Compensatory Afforestation
Plants Per Hectare : 1000 Nos. Wage Rate Rs. 328**

Bathinda-Hindumal kot railway line km 22-26 R/s In Lambi Range					
Sr. No.		Unit	Qty.	Unit Cost (In Rs.)	Amount
Nursery					
	Nursery cost of raising plants	1100	1100	20.00	22000.00
A Soil Work					
1	Site / Jungle Clearance (25%)	Ha.	0.5	5367.22	2683.61
2	Alignment & Dagbaling	Ha.	1	984.00	984.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	101.38	10138.00
4	Kana Stubbing 25%	Ha.	0.25	26836.00	6709.00
B Plantation Work					
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	2747.00	2060.25
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	550.00	6050.00
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	196.80	2164.80
4	i) Carriage from site to site	100 No.	1000	131.20	1312.00
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	984.00	9840.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	205.00	2050.00
6	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
7	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
8	Weeding & Hoeing 3 Times	100 No.	3000	357.52	10725.60
9	Hand Watering (12 Times)	100 No.	12000	205.00	24600.00
10	Replanting of Plants 10%	100 No.	100	579.11	579.11
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Covering (25% plants) of plants	100 No.	250	295.20	738.00
13	Uncovering of plants	100 No.	250	32.80	82.00
14	Restubbing of Kana (1 Time)		0.25	26836.30	6709.08
15	Laying out & fixing of Barbed Wire	L/s			7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
17	Material				
	i) Insecticides / Fertilizers	L/s			5000.00
	ii) POL	L/s			5000.00
	iii) Barbed Wire	L/s			50000.00
Sub Total					186465.05
Maintenance 1 Year					
1	Cost of raising plants for 30% replacement	1 No.	300	20.00	6000.00
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	59.63	1341.68
3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	27.47	618.08


 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sandh.

4	Loading & Unloading of Plants	1 No.	300	2.46	738.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)	100 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	165	131.20	216.48
7	Re-Planting to plants	100 No.	165	329.08	542.98
8	Spot Irrigation	100 No.	165	205.00	338.25
9	Weeding & Hoeing (three)	100 No.	3000	357.52	10725.60
10	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
11	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
12	Hand Watering (6 Times)	100 No.	6000	357.52	21451.20
13	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
14	Restubbing of Kana	Per Ha.	0.25	26836.00	6709.00
15	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
16	Repair of Barbed Wire	L/s			5000.00
17	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
Sub Total					73045.06
2nd Year Maintenance					
1	Cost of raising plants for 15% replacement	1 No.	150	20.00	3000.00
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	21.6	59.63	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	27.47	296.68
4	Loading & Unloading of Plants	1 No.	75	2.46	184.50
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	75	131.20	98.40
7	Re-Planting to plants	100 No.	75	229.09	171.82
8	Spot Irrigation	100 No.	75	205.00	153.75
9	Weeding & Hoeing (Twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Pruning to Plants	100 No.	100	387.61	387.61
13	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
14	Repair of Barbed Wire	L/s			5000.00
15	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
Sub Total					45880.96
3rd Year Maintenance					
1	Cost of raising plants for 10% replacement	1 No.	100	20.00	2000.00
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m3	10	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	27.47	197.78
4	Loading & Unloading of Plants	1 No.	100	2.46	246.00

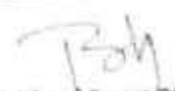

 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib

5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	100	1.00	100.00
6	Spreading of plants pit to pit	100 No.	100	131.20	131.20
7	Re-Planting to plants	100 No.	100	229.09	229.09
8	Spot Irrigation	100 No.	100	205.00	205.00
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Pruning to Plants 20%	100 No.	200	387.61	775.22
12	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				42683.63
	4th Year Maintenance				
1	Cost of raising plants for 5% replacement	1 No.	50	20.00	1000.00
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	27.47	197.78
4	Loading & Unloading of Plants	1 No.	50	2.46	123.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	50	1.00	50.00
6	Spreading of plants pit to pit	100 No.	50	131.20	65.60
7	Re-Planting to plants	100 No.	50	229.09	114.54
8	Spot Irrigation	100 No.	50	205.00	102.50
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (4 Times)	100 No.	4000	205.00	8200.00
11	Pruning to Plants 30%	100 No.	300	387.61	1162.83
12	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				39565.59
	5th Year Maintenance				
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
	Sub Total				5969.60
	6th Year Maintenance				
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
	Sub Total				5969.60
	7th Year Maintenance				
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
	Sub Total				5969.60

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Muktsar Forest Division
Sri Muktsar Sahib

8th Year Maintenance					
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
Sub Total					5969.60
9th Year Maintenance					
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
Sub Total					5969.60
10th Year Maintenance					
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
Sub Total					5969.60
Total					423457.89
Over Head expenses 5%					21172.89
Wage Enhancement @ 10%					42345.79
G. Total					486976.58
Or say					486977
				Per plant	487
1	Cost of Compensatory Afforestation 2.119*2000=4238 Plants @ 487/-			CA	2063906
2	NPV OF 'area 2.119*8.87			NPV	1879553
3	Cost of Compensatory Afforestation (Tall Plants)21*2=42 Tall Plants @ 676 Rs.PER Tall Plants Planted in 0.684 Ha.			ACA	28392
4	Sub Total				3971851.00
5	Entry Point Activities(10%)(1+2+3)				397185.00
6	Mesquite removal 60% total plantaion area(CA and Tall plant area)plantation area 4.322 ha , Mesquite estimate per ha. 148631/-(estimate attached)				385430.00
7	Other Charges				
	(i) ENGINE PUMP SET WATER COOLED) Nos 1 @42500		1.00		42500.00
	(ii) Auger 1/8 @50000(bole digger)		1.00		50000.00
8	Sub Total Others Charges				92500.00
Grand Total(4+5+6+8)				Grand Total	4846968.00


 Divisional Forest Officer,
 Muktsar Forest Division,
 Shri Muktsar Sahib



भारत सरकार
GOVERNMENT OF INDIA
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE
CHANGE



एकीकृत क्षेत्रीय कार्यालय, चंडीगढ़ / Integrated Regional Office,
Chandigarh

मिसिल संख्या -: 9-PBB383/2020-CHA

दिनांक 04-06-2021

सेवा में,

अतिरिक्त मुख्य सचिव (वन),
पंजाब सरकार, लघु सचिवालय,
सेक्टर-9, चण्डीगढ़।
(fof@punjab.gov.in)

विषय:- Diversion of 3.952 ha of forest land in favour of Executive Engineer, Construction Division, PWD B&R, Fazilka passing through Abohar Town for the project Up-gradation of Malout Chowk to Hanumangarh Bypass Chowk in Abohar Town from km. 0.00 to 4.00 (SH-14) under CRIF, under Forest Division and District Sri Muktsar Sahib, Punjab. (Proposal No. FP/PB/ROAD/50579/2020)

संदर्भ (i) State Government online proposal received on dated 03.12.2020

(ii) मुख्य वन संरक्षक, पंजाब के पत्र संख्या FOREST-FCA0FC1M/29/2020-FCA दिनांक 23.04.2021 और पत्र दिनांक 24.05.2021

महोदय,

कृपया उपर्युक्त विषय से संबंधित पत्र का अवलोकन करें जिसमें वन (संरक्षण) अधिनियम, 1980 की धारा- 2 के अधीन केन्द्रीय सरकार की अनुमति मांगी गई है। इन प्रस्ताव में इस कार्यालय के समसंख्यक पत्र दिनांक 01.03.2021 द्वारा सैधांतिक स्वीकृति प्रदान की गई थी जिसकी अनुपालना रिपोर्ट नोडल अधिकारी के पत्र संख्या FOREST-FCA0FC1M/29/2020-FCA दिनांक 23.04.2021 और पत्र दिनांक 24.05.2021 (E-mail) द्वारा प्राप्त होने के उपरान्त केन्द्र सरकार द्वारा उपर्युक्त उद्देश्य हेतु 3.952 हेक्टेयर वन भूमि के उपयोग हेतु स्वीकृति निम्नलिखित शर्तें पूरी करने पर प्रदान की जाती है:-

- i. वन भूमि की विधिक परिस्थिति बदली नहीं जाएगी।
- ii. प्रस्ताव के अनुसार कम से कम वृक्ष/पौधों काटे जायेंगे और काटे जाने वाले वृक्षों की संख्या 263 और पौधों की संख्या 50 से अधिक नहीं होगी।
- iii. प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार (i) Bathinda Hindumalkot Railway line km 22-28 L/ side-3.400 ha. (ii) Hojklas minor Rd 0-35 R/side and 4-35 L/side-4.504 ha में प्रयोज्य एजेंसी से प्राप्ति 38,49,248/- रुपये (Rupees thirty eight lakh forty nine thousand two hundred & forty eight only) की राशि से 7.904 हेक्टेयर वन क्षेत्र में पौधे लगाकर किया जायेगा।
- iv. अतिरिक्त प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार Bathinda Hindumalkot Railway line km 22-28 L/side, में प्रयोज्य एजेंसी से प्राप्ति 67,600/- रुपये (Rupees sixty seven thousand & six hundred only) की राशि से 0.200 हेक्टेयर वन क्षेत्र में पौधे लगाकर किया जायेगा।
- v. प्रतिपूर्ति पौधारोपण और अतिरिक्त प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
- vi. The Divisional Forest Officer shall ENSURE that the approved CA site(s) will not be changed without the approval of competent authority.

बेज नं. 24-25, सेक्टर-31 ए, चंडीगढ़-160030 / Bays No. 24-25, Sector-31 A,
Chandigarh-160030

दूरभाष/Tel No : 0172-2638061 Fax No : 0172-2638135 Email : ronz.chd-
mef@nic.in

- vii. The CEO, State CAMPA Authority shall ENSURE that the funds under State CAMPA will be released to Divisional Forest Officer as per approved CA scheme.
 - viii. वन भूमि का प्रयोग प्रस्ताव में दर्शाये गये उद्देश्य के अलावा किसी अन्य उद्देश्य के लिए नहीं किया जायेगा।
 - ix. जब कभी भी NPV की राशि बहाई जायेगी तो उस बड़ी हुई NPV की राशि को जमा करने के लिए प्रयोक्ता एजेंसी बाध्य होगी।
 - x. साथ लगते वन और वन भूमि को किसी तरह का कोई नुकसान नहीं पहुंचाया जायेगा और साथ लगते हुए वन और वन भूमि को बचाने के लिये सभी प्रयत्न किये जायेंगे।
 - xi. स्थानान्तरण के लिए प्रस्तावित वन भूमि को केंद्रीय सरकार की पूर्व अनुमति के बिना किसी भी परिस्थिति में किसी अन्य एजेंसी, विभाग या व्यक्ति विशेष को हस्तांतरित नहीं किया जायेगा।
 - xii. केंद्रीय सरकार की अनुमति के बिना प्रस्ताव की ले आउट प्लान को बदला नहीं जायेगा।
 - xiii. एवेन्यु वृक्षारोपण, सड़क के दोनों ओर व मध्य भाग पर आईआरसी विनिर्देश के अनुसार उपयोगकर्ता एजेंसी द्वारा किया जाएगा।
 - xiv. वन भूमि पर किसी भी प्रकार का कोई श्रमिक शिविर नहीं लगाया जायेगा।
 - xv. यदि आवश्यक हो तो प्रयोक्ता एजेंसी द्वारा भूमि संरक्षण के लिए वर्तमान दरों पर धनराशि उपलब्ध करायी जायेगी।
 - xvi. प्रयोक्ता एजेंसी द्वारा श्रमिकों तथा कार्यस्थल पर कार्यरत स्टाफ को अधिमानतः वैकल्पिक ईंधन उपलब्ध करायेगी, ताकि साथ लगते वन क्षेत्र को किसी प्रकार के नुकसान तथा दबाव से बचाया जा सके।
 - xvii. यदि आवश्यक हो तो प्रयोक्ता एजेंसी पर्यावरण (सुरक्षा) अधिनियम 1986, के अनुसार पर्यावरण अनुमति प्राप्त करेगी।
 - xviii. कूड़ा कंकट निपटान जारी योजना के अनुसार किया जायेगा।
 - xix. अन्य कोई भी शर्त इस क्षेत्रीय कार्यालय द्वारा वन तथा वन्य जीव का संरक्षण, सुरक्षा तथा विकास के लिए समय - समय पर लगाई जा सकती है।
 - xx. यदि कोई अन्य संबंधित अधिनियम/अनुच्छेद/नियम/न्यायालय आदेश/अनुदेश आदि इस प्रस्ताव पर लागू होते हैं तो उनके अधीन जरूरी अनुमति लेना प्रयोक्ता एजेंसी व राज्य सरकार की जिम्मेदारी होगी।
2. मंत्रालय इस स्वीकृति को स्थगित/रद्द कर सकता है यदि उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन सन्तोषप्रद नहीं है। राज्य सरकार वन विभाग के माध्यम से इन शर्तों का पालन सुनिश्चित करेगी।

भवदीय,

हस्ता/-
(सी०डी०सिंह)
क्षेत्रीय अधिकारी MoEF&CC

प्रतिलिपि:-

1. अपर वन महानिदेशक (वन), पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, इन्द्रा पर्यावरण भवन, जोर बाग, अलीगंज, नई दिल्ली। (www.adgfc-mef@nic.in)
2. प्रधान मुख्य वन संरक्षक, पंजाब, फॉरेस्ट कॉम्प्लेक्स, सै०-68, एन० ए० एन० नगर, मोहाली, पंजाब। (www.pccfpunjab@gmail.com)
3. CEO CAMPA, O/o PCCF (HoFF), Department of Forests, Forest Department, ForestComplex, Sector-68, S.A.S. Nagar, Punjab (ceo.puncampa@gmail.com)

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mef@nic.in

4. वन मण्डल अधिकारी, वन मण्डल और जिला श्री मुक्तसर साहिब, पंजाब। (dfoidk@rediffmail.com)
5. Executive Engineer, Construction Division, PWD B&R, Fazilka, Punjab.
(ecdfzlpwdpb@gmail.com)

Signature Not Verified

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Date: 2021.06.07 13:04:42 IST


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Diversion of 3.952 Ha. Forest Land passing through Abohar Town for the project Up-gradation of Malout Chowk to Hanumangarh Bypass Chowk in Abohar Town From Km 0.00 to 4.00 (SH-14) Under CRIF in the state of Punjab under Muktsar Forest division.

Plantation Model For Standard Plantation under Compensatory Afforestation
Plants Per Hectare : 1000 Nos. Wage Rate Rs. 328

Bathinda-Hindumal kot railway line km 22-28 L/s In Lambi Range					
Sr. No.		Unit	Qty.	Unit Cost (In Rs.)	Amount
Nursery					
	Nursery cost of raising plants	1100	1100	20.00	22000.00
A Soil Work					
1	Site / Jungle Clearance (25%)	Ha.	0.5	5367.22	2683.61
2	Alignment & Dagbaling	Ha.	1	984.00	984.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	101.38	10138.00
4	Kana Stubbing 25%	Ha.	0.25	26836.00	6709.00
B Plantation Work					
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	2747.00	2060.25
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	550.00	6050.00
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	196.80	2164.80
4	i) Carriage from site to site	100 No.	1000	131.20	1312.00
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	984.00	9840.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	205.00	2050.00
6	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
7	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
8	Weeding & Hoeing 3 Times	100 No.	3000	357.52	10725.60
9	Hand Watering (12 Times)	100 No.	12000	205.00	24600.00
10	Replanting of Plants 10%	100 No.	100	579.11	579.11
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Covering (25% plants) of plants	100 No.	250	295.20	738.00
13	Uncovering of plants	100 No.	250	32.80	82.00
14	Restubbing of Kana (1 Time)		0.25	26836.30	6709.08
15	Laying out & fixing of Barbed Wire	L/s			7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
17	Material				
	i) Insecticides / Fertilizers	L/s			5000.00
	ii) POL	L/s			5000.00
	iii) Barbed Wire	L/s			50000.00
Sub Total					186465.05
Maintenance 1 Year					
1	Cost of raising plants for 30% replacement	1 No.	300	20.00	6000.00
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	59.63	1341.68
3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	27.47	618.08


 Divisional Forest Officer
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4	Loading & Unloading of Plants	1 No.	300	2.46	738.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)	100 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	165	131.20	216.48
7	Re-Planting to plants	100 No.	165	329.08	542.98
8	Spot Irrigation	100 No.	165	205.00	338.25
9	Weeding & Hoeing (three)	100 No.	3000	357.52	10725.60
10	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
11	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
12	Hand Watering (6 Times)	100 No.	6000	357.52	21451.20
13	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
14	Restubbing of Kana	Per Ha.	0.25	26836.00	6709.00
15	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
16	Repair of Barbed Wire	L/s			5000.00
17	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
Sub Total					73045.06
2nd Year Maintenance					
1	Cost of raising plants for 15% replacement	1 No.	150	20.00	3000.00
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	21.6	59.63	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	27.47	296.68
4	Loading & Unloading of Plants	1 No.	75	2.46	184.50
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	75	131.20	98.40
7	Re-Planting to plants	100 No.	75	229.09	171.82
8	Spot Irrigation	100 No.	75	205.00	153.75
9	Weeding & Hoeing (Twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Pruning to Plants	100 No.	100	387.61	387.61
13	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
14	Repair of Barbed Wire	L/s			5000.00
15	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
Sub Total					45880.96
3rd Year Maintenance					
1	Cost of raising plants for 10% replacement	1 No.	100	20.00	2000.00
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m3	10	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	27.47	197.78
4	Loading & Unloading of Plants	1 No.	100	2.46	246.00



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5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	100	1.00	100.00
6	Spreading of plants pit to pit	100 No.	100	131.20	131.20
7	Re-Planting to plants	100 No.	100	229.09	229.09
8	Spot Irrigation	100 No.	100	205.00	205.00
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Pruning to Plants 20%	100 No.	200	387.61	775.22
12	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				42683.63
	4th Year Maintenance				
1	Cost of raising plants for 5% replacement	1 No.	50	20.00	1000.00
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	27.47	197.78
4	Loading & Unloading of Plants	1 No.	50	2.46	123.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	50	1.00	50.00
6	Spreading of plants pit to pit	100 No.	50	131.20	65.60
7	Re-Planting to plants	100 No.	50	229.09	114.54
8	Spot Irrigation	100 No.	50	205.00	102.50
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (4 Times)	100 No.	4000	205.00	8200.00
11	Pruning to Plants 30%	100 No.	300	387.61	1162.83
12	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				39565.59
	5th Year Maintenance				
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
	Sub Total				5969.60
	6th Year Maintenance				
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
	Sub Total				5969.60
	7th Year Maintenance				
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
	Sub Total				5969.60

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Divisional Forest Officer
Muktsar Forest Division
Jri Muktsar Sahib.

8th Year Maintenance					
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
Sub Total					5969.60
9th Year Maintenance					
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
Sub Total					5969.60
10th Year Maintenance					
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
Sub Total					5969.60
Total					423457.89
Over Head expenses 5%					21172.89
Wage Enhancement @ 10%					42345.79
G. Total					486976.58
Or say					486977
				Per plant	487
1	Cost of Compensatory Afforestation $3.952 \times 2000 = 7904$ Plants @ 487/-			CA	3849248
2	NPV OF 'area 3.952×8.87			NPV	3505424
3	Cost of Compensatory Afforestation (Tall Plants $50 \times 2 = 100$ Tall Plants @ 676 Rs. PER Tall Plants Planted in 0.200 Ha.			ACA	67600
4	Sub Total				7422272.00
5	Entry Point Activities(10%)(1+2+3)				742230.00
6	Mesquite removal 60% total plantaion area(CA and Tall plant area)plantation area 8.104 ha , Mesquite estimate per ha. 148631/-(estimate attached)				722710.00
7	Other Charges				
	(i) ENGINE PUMP SET WATER COOLED) Nos 2 @42500		2.00		85000.00
	(ii) Auger L/S @50000(hole digger)		1.00		50000.00
8	Sub Total Others Charges				135000.00
	Grand Total(4+5+6+8)			Grand Total	9022212.0


 Divisional Forest Officer,
 Muktsar Forest Division,
 Shri Muktsar Sahib

I/210036/2021

Government of Punjab
 Department of Forests & Wildlife Preservation
 O/o Principal Chief Conservator of Forests(HoFF)
 Forest Complex, Sector 68, SAS Nagar
 (FCA Branch)

To

Dated 12/07/2021

Divisional Forest Officer,
 Sri Mukatsar Sahib.

Subject: Diversion of 0.100 ha of forest land for access to proposed Retail Outlet of M/s Bharat Petroleum Corporation Ltd at Village Midda on Malout-Fazilka road KM 14-15 R/s Under Forest Division and Distt. Sri Mukatsar Sahib, Punjab (FP/PB/Approach/50328/2020/

The Stage-I approval was accorded to the proposal vide letter no. File No.FOREST-FCA0FC1M/8/2021-FCAI/47/190596/ 2021 dated 01.06.2021 Divisional Forest Officer Sri Mukatsar Sahib has reported vide letter no. 1710 dated 09.06.2021 that the User Agency has deposited the cost of C.A, NPV, and cost of equivalent non forest land as per the Stage-1 approval. A Certificate has also been submitted by DFO that none of the provisions of **Acts/Rules/Guidelines and circulars** of Govt. of India/State Govt. is violated.

The Nodal Officer FCA has been authorized by the State Government to issue Stage-II Approval vide e-office file no. 72024 After careful examination of the proposal under General Approval issued by Govt. of India vide letters No F.No 5-2/2017-FC dated 28.03.2019 and "Stage-II approval" is hereby conveyed for diversion of 0.100 ha. of forest land for the above mentioned proposal on following conditions:-

- i. The NOC is issued for non-forestry use of 0.100 ha. of forest area only. The User Agency under no circumstances shall exceed the area limit either while in the process of development or anytime in future.
- ii. Legal status of the diverted forest land shall remain unchanged.
- iii. No trees will be felled in this case.
- iv. The Compensatory Afforestation is proposed to be raised over 0.250 ha. of Compartment No Kotli Kassi RD 0-CB Drain R/s in Mukatsar Range Distt. Mukatsar as per proposed scheme, at a cost of 121750/- (Rupees One Lakh Twenty One Thousand Seven Hundred Fifty only) provided by the User

Agency.

- v. Light crown trees may be planted on the entire periphery of the petrol pump at a distance of 1.5 meter from the wall and the distance between two trees will be 1.00 to 1.5 meter.
- vi. This permission is valid for 15 years i.e. upto 12.07.2036 and thereafter a fresh permission for the user of said forest land will be taken from Government of India.
- vii. No damage will be done to the adjoining forest land.
- viii. The forest land shall not be used for any purpose other than that specified in the proposal and shall under no circumstances, be transferred to any one without prior approval of the Central/State Government.
- ix. The User Agency shall pay additional amount of NPV as and when increased in compliance to any such order of Hon'ble Supreme Court of India.
- x. Muck disposal should be taken up as per the scheme approved by the Forest Department.
- xi. The required soil conservation measures should be taken up by the User Agency for which fund should be provided as per the current rate of works.
- xii. The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required.
- xiii. No labour camp shall be established on the forest land.
- xiv. The User Agency shall provide firewood preferably alternate fuels to the laborers and the staff working at the site so as to avoid any damage and pressure on the nearby forest area.
- xv. The boundary of the diverted forest land shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar.
- xvi. The User Agency shall ensure that because of this project, no damage is caused to the wildlife available in the area.
- xvii. Any other condition that the Forest Department, Punjab may stipulate, from time to time, in the interest of conservation, protection and development of

forests & Wildlife.

- xviii. The User Agency shall submit the annual self-compliance report in respect of the above conditions to the State Government and to the Regional Office regularly.
 - xix. The User Agency and the DFO shall ensure compliance all provisions of Acts, Rules, Regulations and Guidelines for the time being in force and as applicable to the project.
2. The Forest Department may revoke/suspend the NOC if implementation of any of the above conditions is not satisfactory. Divisional Forest Officer will ensure fulfillment of these conditions through Forest Department.

ADDL PRINCIPAL CHIEF CONSERVATOR OF FORESTS-CUM-NODAL OFFICER
(FCA)

Copy to:-

1. Addl. Chief Secretary to the Govt. of Punjab, Department of of Forests and Wildlife Preservation Chandigarh.
2. Deputy Director General of Forests (C), Ministry of Environment, Forests and Climate Change, Bays No. 24-25, Sector 31-A, Chandigarh.
3. Member Secretary, Punjab Pollution Control Board, Nabha road Patiala.
4. Member Secretary, SEIAA, State Level Environment Impact Assessment, Science & Technology, MGSIPA, Sector-26 Chandigarh.
5. Conservator of Forests, Ferozepur Circle, Ferozepur.
6. M/s Bharat Petroleum Corporation Ltd. Mansa Road, Phoos Mandi Bathinda, Punjab.

Div of 0.1000(1000.05 sqm) ha. forest land in favour of BPCL, Bathinda for proposed retail outlet at village Midda, on malout fazilka road KM 14-15 R/S under Muktsar Forest Division.

Plantation Model For Standard Plantation under Compensatory Afforestation
Plants Per Hectare : 1000 Nos.
Wage Rate Rs. 328

Land bank :-Kotli Kassi RD 0- CB drain R/s

Sr. No.		Unit	Qty.	Unit Cost (In Rs.)	Amount
	Nursery				
	Nursery cost of raising plants	1100	1100	20.00	22000.00
	A Soil Work				
1	Site / Jungle Clearance (25%)	Ha.	0.5	5367.22	2683.61
2	Alignment & Dagbaling	Ha.	1	984.00	984.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	101.38	10138.00
5	Kana Stubbing 25%	Ha.	0.25	26836.00	6709.00
	B Plantation Work				
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	2747.00	2060.25
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	550.00	6050.00
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	196.80	2164.80
4	i) Carriage from site to site	100 No.	1000	131.20	1312.00
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	984.00	9840.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	205.00	2050.00
6	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
7	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
8	Weeding & Hoeing 3 Times	100 No.	3000	357.52	10725.60
9	Hand Watering (12 Times)	100 No.	12000	205.00	24600.00
10	Replanting of Plants 10%	100 No.	100	579.11	579.11
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Covering (25% plants) of plants	100 No.	250	295.20	738.00
13	Uncovering of plants	100 No.	250	32.80	82.00
14	Restubbing of Kana (1 Time)		0.25	26836.30	6709.08
15	Laying out & fixing of Barbed Wire	L/s			7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
17	Material				
	i) Insecticides / Fertilizers	L/s			5000.00
	ii) POL	L/s			5000.00
	iii) Barbed Wire	L/s			50000.00
	Sub Total				186465.05
	Maintenance 1 Year				
1	Cost of raising plants for 30% replacement	1 No.	300	20.00	6000.00
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	59.63	1341.68
3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	27.47	618.08

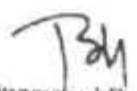
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 Divisional Forest Officer
 Muktsar Forest Division
 Sd/- Muktsar

4	Loading & Unloading of Plants	1 No.	300	2.46	738.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)	100 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	165	131.20	216.48
7	Re-Planting to plants	100 No.	165	329.08	542.98
8	Spot Irrigation	100 No.	165	205.00	338.25
9	Weeding & Hoeing (three)	100 No.	3000	357.52	10725.60
10	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
11	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
12	Hand Watering (6 Times)	100 No.	6000	357.52	21451.20
13	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
14	Restubbing of Kana	Per Ha.	0.25	26836.00	6709.00
15	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
16	Repair of Barbed Wire	L/s			5000.00
17	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				73045.06
	2nd Year Maintenance				
1	Cost of raising plants for 15% replacement	1 No.	150	20.00	3000.00
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	21.6	59.63	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	27.47	296.68
4	Loading & Unloading of Plants	1 No.	75	2.46	184.50
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	75	131.20	98.40
7	Re-Planting to plants	100 No.	75	229.09	171.82
8	Spot Irrigation	100 No.	75	205.00	153.75
9	Weeding & Hoeing (Twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Pruning to Plants	100 No.	100	387.61	387.61
13	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
14	Repair of Barbed Wire	L/s			5000.00
15	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				45880.96
	3rd Year Maintenance				
1	Cost of raising plants for 10% replacement	1 No.	100	20.00	2000.00
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m3	10	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	27.47	197.78
4	Loading & Unloading of Plants	1 No.	100	2.46	246.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	100	1.00	100.00

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Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib

6	Spreading of plants pit to pit	100 No.	100	131.20	131.20
7	Re-Planting to plants	100 No.	100	229.09	229.09
8	Spot Irrigation	100 No.	100	205.00	205.00
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Pruning to Plants 20%	100 No.	200	387.61	775.22
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				42683.63
	4th Year Maintenance				
1	Cost of raising plants for 5% replacement	1 No.	50	20.00	1000.00
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	27.47	197.78
4	Loading & Unloading of Plants	1 No.	50	2.46	123.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	50	1.00	50.00
6	Spreading of plants pit to pit	100 No.	50	131.20	65.60
7	Re-Planting to plants	100 No.	50	229.09	114.54
8	Spot Irrigation	100 No.	50	205.00	102.50
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (4 Times)	100 No.	4000	205.00	8200.00
11	Pruning to Plants 30%	100 No.	300	387.61	1162.83
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				39565.59
	5th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	6th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	7th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60


 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib

8th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
9th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
10th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
Total					423457.89
Over Head expenses 5%					21172.89
Wage Enhancement @ 10%					42345.79
G. Total					486976.58
Or say					486977
				Per plant	487
1	Cost of Compensatory Afforestation 0.01*2500= 250 plants @487/- Rs.			CA	121750.00
2	NPV OF 'area 0.01(1000.05sqm)*626000			NPV	62605.00
3	EPA 10%(Coat of Compensatory Afforestation)				12175.00
G.Total(1+2+3)					196530.00

BM

Divisional Forest Officer,
Muktsar Forest Division,
Shri Muktsar Sahib

Government of Punjab
Department of Forests & Wildlife Preservation
O/o Principal Chief Conservator of Forests(HoFF)
Forest Complex, Sector 68, SAS Nagar
(FCA Branch)

To

Dated 16/07/2021

Divisional Forest Officer,
Sri Mukatsar Sahib.

Sub : Diversion of 0.0896 ha of forest land for access to Proposed Retail Outlet of M/s Indian Oil Corporation Ltd at Village Badi wala Kharak Singh on Malout-Fazilka Road KM 12-13 R/s Tehsil Malout Under Forest Division and Distt. Sri Mukatsar Sahib, Punjab (FP/PB/Approach/119351/2020/

The Stage-I approval was accorded to the proposal vide letter no. File No.FOREST-FCA0FC1M/5/2021-FCAI/ 186936 /2021 dated 24.05.2021 Divisional Forest Officer Sri Mukatsar Sahib has reported vide letter no. 1635 dated 07.06.2021 that the User Agency has deposited the cost of C.A, NPV, and cost of equivalent non forest land as per the In-principle approval. A Certificate has also been submitted by DFO that none of the provisions of Acts/Rules/Guidelines and circulars of Govt. of India/State Govt. is violated.

The Nodal Officer FCA has been authorized by the State Government to issue Final Approval vide e-office file no. 72024 After careful examination of the proposal under General Approval issued by Govt. of India vide letters No F.No 5-2/2017-FC dated 28.03.2019 and "Stage-II approval" is hereby conveyed for diversion of 0.0896 ha. of forest land for the above mentioned proposal on following conditions:-

- i. The NOC is issued for non-forestry use of 0.0896 ha. of forest area only. The User Agency under no circumstances shall exceed the area limit either while in the process of development or anytime in future.
- ii. Legal status of the diverted forest land shall remain unchanged.
- iii. 70 Plants will be felled in this case.
- iv. The Compensatory Afforestation is proposed to be raised over 0.504 ha. (CA 0.224 ha and tall plants 140 planted in 0.280 ha) of Compartment No Alamwala Kassi RD 15-40 B/s 0-CB Drain R/s in Mukatsar Range as per proposed scheme, at a cost of Rs.109088/- (Rupees One Lakh Nine Thousand Eighty Eight only) and Rs.94640/- (Rupees Ninety Four Thousand Six Hundred Forty

- only) provided by the user agency.
- v. Light crown trees may be planted on the entire periphery of the petrol pump at a distance of 1.5 meter from the wall and the distance between two trees will be 1.00 to 1.5 meter.
 - vi. This permission is valid for 15 years i.e. upto 16.07.2036 and thereafter a fresh permission for the user of said forest land will be taken from Government of India.
 - vii. No damage will be done to the adjoining forest land.
 - viii. The forest land shall not be used for any purpose other than that specified in the proposal and shall under no circumstances, be transferred to any one without prior approval of the Central/State Government.
 - ix. The User Agency shall pay additional amount of NPV as and when increased in compliance to any such order of Hon'ble Supreme Court of India.
 - x. Muck disposal should be taken up as per the scheme approved by the Forest Department.
 - xi. The required soil conservation measures should be taken up by the User Agency for which fund should be provided as per the current rate of works.
 - xii. The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required.
 - xiii. No labour camp shall be established on the forest land.
 - xiv. The User Agency shall provide firewood preferably alternate fuels to the laborers and the staff working at the site so as to avoid any damage and pressure on the nearby forest area.
 - xv. The boundary of the diverted forest land shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar.
 - xvi. The User Agency shall ensure that because of this project, no damage is caused to the wildlife available in the area.
 - xvii. Any other condition that the Forest Department, Punjab may stipulate, from time to time, in the interest of conservation, protection and development of

forests & Wildlife.

- cviii. The User Agency shall submit the annual self-compliance report in respect of the above conditions to the State Government and to the Regional Office regularly.
- xix. The User Agency and the DFO shall ensure compliance all provisions of Acts, Rules, Regulations and Guidelines for the time being in force and as applicable to the project.
2. The Forest Department may revoke/suspend the NOC if implementation of any of the above conditions is not satisfactory. Divisional Forest Officer will ensure fulfillment of these conditions through Forest Department.

ADDL PRINCIPAL CHIEF CONSERVATOR OF FORESTS-CUM-NODAL OFFICER
(FCA)

Copy to:-

1. Add. Chief Secretary to the Govt. of Punjab, Department of of Forest and Wildlife Preservation Chandigarh.
2. Deputy Director General of Forests (C), Ministry of Environment, Forests and Climate Change, Bays No. 24-25, Sector 31-A, Chandigarh.
3. Member Secretary, Punjab Pollution Control Board, Nabha road Patiala.
4. Member Secretary, SEIAA, State Level Environment Impact Assessment, Science & Technology, MGSIPA, Sector-26 Chandigarh.
5. Conservator of Forests, Ferozepur Circle, Ferozepur.
6. M/s Indian Oil Corporation Ltd. Mansa Road, Phoos Mandi Bathinda, Punjab.

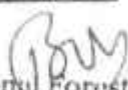
Div. of 0.0896 hec. of Forest land for access to proposed retail outlet of M/s IOCL at village Bodiwala Kharak Singh on Malout-Fazilka Road, km 12-13 R/s tehsil Malout Distt. & Forest Division Shri Muktsar Sahib.

Plantation Model For Standard Plantation under Compensatory Afforestation
Plants Per Hectare : 1000 Nos. **Wage Rate Rs. 328**

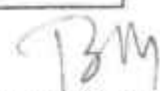
Land bank :-Alamwala Kassi RD 15-40 B/s					
Sr. No.		Unit	Qty.	Unit Cost (In Rs.)	Amount
	Nursery				
	Nursery cost of raising plants	1100	1100	20.00	22000.00
	A Soil Work				
1	Site / Jungle Clearance (25%)	Ha.	0.5	5367.22	2683.61
2	Alignment & Dagbaling	Ha.	1	984.00	984.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	101.38	10138.00
5	Kana Stubbing 25%	Ha.	0.25	26836.00	6709.00
	B Plantation Work				
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	2747.00	2060.25
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	550.00	6050.00
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	196.80	2164.80
4	i) Carriage from site to site	100 No.	1000	131.20	1312.00
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	984.00	9840.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	205.00	2050.00
6	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
7	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
8	Weeding & Hoeling 3 Times	100 No.	3000	357.52	10725.60
9	Hand Watering (12 Times)	100 No.	12000	205.00	24600.00
10	Replanting of Plants 10%	100 No.	100	579.11	579.11
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Covering (25% plants) of plants	100 No.	250	295.20	738.00
13	Uncovering of plants	100 No.	250	32.80	82.00
14	Restubbing of Kana (1 Time)		0.25	26836.30	6709.08
15	Laying out & fixing of Barbed Wire	L/s			7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
17	Material				
	i) Insecticides / Fertilizers	L/s			5000.00
	ii) POL	L/s			5000.00
	iii) Barbed Wire	L/s			50000.00
	Sub Total				186465.05
	Maintenance 1 Year				
1	Cost of raising plants for 30% replacement	1 No.	300	20.00	6000.00
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	59.63	1341.68
3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	27.47	618.08


 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib


4	Loading & Unloading of Plants	1 No.	300	2.46	738.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)				
6	Spreading of plants pit to pit	100 No.	1	196.20	196.20
7	Re-Planting to plants	100 No.	165	131.20	216.48
8	Spot Irrigation	100 No.	165	329.08	542.98
9	Weeding & Hoeing (three)	100 No.	165	205.00	338.25
10	Application of Insecticide (2 Times)	100 No.	3000	357.52	10725.60
11	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
12	Hand Watering (6 Times)	100 No.	1000	41.00	410.00
13	Rejungle Clearance (2 Times)	100 No.	6000	357.52	21451.20
14	Restubbing of Kana	Per Ha.	1	2378.00	2378.00
15	Watch & Ward for every 10 Ha. (10 Months)	Per Ha. Man Year	0.25 1/10 Man Yr.	26836.00	6709.00 5969.60
16	Repair of Barbed Wire	L/s			5000.00
17	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				73045.06
	2nd Year Maintenance				
1	Cost of raising plants for 15% replacement	1 No.	150	20.00	3000.00
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	21.6	59.63	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	27.47	296.68
4	Loading & Unloading of Plants	1 No.	75	2.46	184.50
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	75	131.20	98.40
7	Re-Planting to plants	100 No.	75	229.09	171.82
8	Spot Irrigation	100 No.	75	205.00	153.75
9	Weeding & Hoeing (Twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Pruning to Plants	100 No.	100	387.61	387.61
13	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
14	Repair of Barbed Wire	L/s			5000.00
15	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				45880.96
	3rd Year Maintenance				
1	Cost of raising plants for 10% replacement	1 No.	100	20.00	2000.00
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m3	10	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	27.47	197.78
4	Loading & Unloading of Plants	1 No.	100	2.46	246.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	100	1.00	100.00


 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib

6	Spreading of plants pit to pit	100 No.	100	131.20	131.20
7	Re-Planting to plants	100 No.	100	229.09	229.09
8	Spot Irrigation	100 No.	100	205.00	205.00
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Pruning to Plants 20%	100 No.	200	387.61	775.22
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				42683.63
	4th Year Maintenance				
1	Cost of raising plants for 5% replacement	1 No.	50	20.00	1000.00
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	27.47	197.78
4	Loading & Unloading of Plants	1 No.	50	2.46	123.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	50	1.00	50.00
6	Spreading of plants pit to pit	100 No.	50	131.20	65.60
7	Re-Planting to plants	100 No.	50	229.09	114.54
8	Spot Irrigation	100 No.	50	205.00	102.50
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (4 Times)	100 No.	4000	205.00	8200.00
11	Pruning to Plants 30%	100 No.	300	387.61	1162.83
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				39565.59
	5th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	6th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	7th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60


 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib

8th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
9th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
10th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
Total					423457.89
Over Head expenses 5%					21172.89
Wage Enhancement @ 10%					42345.79
G. Total					486976.58
Or say					486977
Per plant					487
1	Cost of Compensatory Afforestation 0.0896*2500=224 plants@487/- Rs.			CA	109088.00
2	NPV OF 'area 0.0896*(896.97 sqm)8.87 lac			NPV	79565.00
3	ACA 70 plants*2=140 plants@676			ACA	94640.00
4	EPA 10%(on Compensatory afforestation)				10910.00
G.Total(1+2+3+4)					294203.00


 Divisional Forest Officer,
 Muktsar Forest Division,
 Shri Muktsar Sahib

Government of Punjab
Department of Forests & Wildlife Preservation
O/o Principal Chief Conservator of Forests(HoFF)
Forest Complex, Sector 68, SAS Nagar
(FCA Branch)

To

Dated 22/07/2021

Divisional Forest Officer,
Sri Mukatsar Sahib.

Subject: Diversion of 0.0064 ha of forest land for approach access road to proposed M/s/HSD A Site Kisan Seva Kendra Dealership of Retail outlet M/s Indian Oil Corporation Limited at Village Chak Manewala on Jalalabad-Lakhewall Road Tehsil Jalalabad Distt. Fazlika Under Forest Division Sri Mukatsar Sahib, Punjab (FP/PB/ Approach/119345/2021/

The Stage-I approval was accorded to the proposal vide letter no. File No. FOREST-FCA0FC1M/11/2021-FCAI/461 /190589/2021 dated 01.06.2021 Divisional Forest Officer Sri Mukatsar Sahib has reported vide letter no. 2095 dated 05.07.2021 that the User Agency has deposited the cost of C.A, NPV, and cost of equivalent non forest land as per the Stage-I approval. A Certificate has also been submitted by DFO that none of the provisions of Acts/Rules/Guidelines and circulars of Govt. of India/State Govt. is violated.

The Nodal Officer, FCA has been authorized by the State Government to issue Stage-II Approval vide e-office file no. 72024 After careful examination of the proposal under General Approval issued by Govt. of India vide letters No F.No 5-2/2017-FC dated 28.03.2019 and "Stage-II approval" is hereby conveyed for diversion of 0.0064 ha. of forest land for the above mentioned proposal on following conditions:-

- i. The NOC is issued for non-forestry use of 0.0064 ha. of forest area only. The User Agency under no circumstances shall exceed the area limit either while in the process of development or anytime in future.
- ii. Legal status of the diverted forest land shall remain unchanged.
- iii. No tree will be felled in this case.
- iv. The Compensatory Afforestation is proposed to be raised over 0.100 ha. of Compartment No Alamwala Kassi RD 15-40 B/s in Mukatsar Range Distt. Mukatsar as per proposed scheme, at a cost of 48700/- (Rupees Forty Eight Thousand Seven Hundred only) provided by the user agency.

- v. Light crown trees may be planted on the entire periphery of the petrol pump at a distance of 1.5 meter from the wall and the distance between two trees will be 1.00 to 1.5 meter.
- vi. This permission is valid for 15 years i.e. upto 22.07.2036 and thereafter a fresh permission for the user of said forest land will be taken from Government of India.
- vii. No damage will be done to the adjoining forest land.
- viii. The forest land shall not be used for any purpose other than that specified in the proposal and shall under no circumstances, be transferred to any one without prior approval of the Central/State Government.
- ix. The User Agency shall pay additional amount of NPV as and when increased in compliance to any such order of Hon'ble Supreme Court of India.
- x. Muck disposal should be taken up as per the scheme approved by the Forest Department.
- xi. The required soil conservation measures should be taken up by the User Agency for which fund should be provided as per the current rate of works.
- xii. The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required.
- xiii. No labour camp shall be established on the forest land.
- xiv. The User Agency shall provide firewood preferably alternate fuels to the laborers and the staff working at the site so as to avoid any damage and pressure on the nearby forest area.
- xv. The boundary of the diverted forest land shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar.
- xvi. The User Agency shall ensure that because of this project, no damage is caused to the wildlife available in the area.
- xvii. Any other condition that the Forest Department, Punjab may stipulate, from time to time, in the interest of conservation, protection and development of forests & Wildlife.

- viii. The User Agency shall submit the annual self-compliance report in respect of the above conditions to the State Government and to the Regional Office regularly.
- xix. The User Agency and the DFO shall ensure compliance all provisions of Acts, Rules, Regulations and Guidelines for the time being in force and as applicable to the project.
2. The Forest Department may revoke/suspend the NOC if implementation of any of the above conditions is not satisfactory. Divisional Forest Officer will ensure fulfillment of these conditions through Forest Department.

ADDL PRINCIPAL CHIEF CONSERVATOR OF FORESTS-CUM-NODAL OFFICER
(FCA)


Copy to:-

1. Financial Commissioner (Forests), Department of Forest and Wildlife Preservation, Punjab.
2. Deputy Director General of Forests (C), Ministry of Environment, Forests and Climate Change, Bays No. 24-25, Sector 31-A, Chandigarh.
3. Member Secretary, Punjab Pollution Control Board, Nabha road Patiala.
4. Member Secretary, SEIAA, State Level Environment Impact Assessment, Science & Technology, MGSIPA, Sector-26 Chandigarh.
5. Conservator of Forests, Ferozepur Circle, Ferozepur.
6. M/s Indian Oil Corporation Limited, Mansa Road, Phoos Mandi Bathinda, Punjab.


Diversion of 0.0064 Ha. of Forest Land for approach access road to Proposed MS/HSD A Site Kisan Seva Kendra Dealership of Indian Oil Corporation Limited at Location Village Chak Manewala on Jalalabad - Lakhewali Road, Tehsil Jalalabad, Distt Fazilka. Under the Forest Division Sri Muktsar Sahib.

**Plantation Model For Standard Plantation under Compensatory Afforestation
Plants Per Hectare : 1000 Nos. Wage Rate Rs. 328**


Land bank :- Alamwala Kasal RD 18-40 B/s					
Sr. No.		Unit	Qty.	Unit Cost (In Rs.)	Amount
Nursery					
	Nursery cost of raising plants	1100	1100	20.00	22000.00
A Soil Work					
1	Site / Jungle Clearance (25%)	Ha.	0.5	5367.22	2683.61
2	Alignment & Dagbailing	Ha.	1	984.00	984.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	101.38	10138.00
5	Kana Stubbing 25%	Ha.	0.25	26836.00	6709.00
B Plantation Work					
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	2747.00	2060.25
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	550.00	6050.00
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	196.80	2164.80
4	i) Carriage from site to site	100 No.	1000	131.20	1312.00
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	984.00	9840.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	205.00	2050.00
6	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
7	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
8	Weeding & Hoeing 3 Times	100 No.	3000	357.52	10725.60
9	Hand Watering (12 Times)	100 No.	12000	205.00	24600.00
10	Replanting of Plants 10%	100 No.	100	579.11	579.11
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Covering (25% plants) of plants	100 No.	250	295.20	738.00
13	Uncovering of plants	100 No.	250	32.80	82.00
14	Restubbing of Kana (1 Time)		0.25	26836.30	6709.08
15	Laying out & fixing of Barbed Wire	L/s			7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
17	Material				
	i) Insecticides / Fertilizers	L/s			5000.00
	ii) POL	L/s			5000.00
	iii) Barbed Wire	L/s			50000.00
Sub Total					186465.05
Maintenance 1 Year					
1	Cost of raising plants for 30% replacement	1 No.	300	20.00	6000.00
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	59.63	1341.68
3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	27.47	618.08


 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib

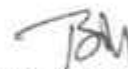
4	Loading & Unloading of Plants	1 No.	300	2.46	738.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)	100 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	165	131.20	216.48
7	Re-Planting to plants	100 No.	165	329.08	542.98
8	Spot Irrigation	100 No.	165	205.00	338.25
9	Weeding & Hoeing (three)	100 No.	3000	357.52	10725.60
10	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
11	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
12	Hand Watering (6 Times)	100 No.	6000	357.52	21451.20
13	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
14	Restubbing of Kana	Per Ha.	0.25	26836.00	6709.00
15	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10	8528.00	5969.60
16	Repair of Barbed Wire	L/s			5000.00
17	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
Sub Total					73045.06
2nd Year Maintenance					
1	Cost of raising plants for 15% replacement	1 No.	150	20.00	3000.00
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	21.6	59.63	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	27.47	296.68
4	Loading & Unloading of Plants	1 No.	75	2.46	184.50
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	75	131.20	98.40
7	Re-Planting to plants	100 No.	75	229.09	171.82
8	Spot Irrigation	100 No.	75	205.00	153.75
9	Weeding & Hoeing (Twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Pruning to Plants	100 No.	100	387.61	387.61
13	Watch & Ward for every 10 Ha.	Man Year	1/10	8528.00	5969.60
14	Repair of Barbed Wire	L/s			5000.00
15	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
Sub Total					45880.96
3rd Year Maintenance					
1	Cost of raising plants for 10% replacement	1 No.	100	20.00	2000.00
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m3	10	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	27.47	197.78
4	Loading & Unloading of Plants	1 No.	100	2.46	246.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	100	1.00	100.00


 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib

6	Spreading of plants pit to pit	100 No.	100	131.20	131.20
7	Re-Planting to plants	100 No.	100	229.09	229.09
8	Spot Irrigation	100 No.	100	205.00	205.00
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Pruning to Plants 20%	100 No.	200	387.61	775.22
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
Sub Total					42683.63
4th Year Maintenance					
1	Cost of raising plants for 5% replacement	1 No.	50	20.00	1000.00
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	27.47	197.78
4	Loading & Unloading of Plants	1 No.	50	2.46	123.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	50	1.00	50.00
6	Spreading of plants pit to pit	100 No.	50	131.20	65.60
7	Re-Planting to plants	100 No.	50	229.09	114.54
8	Spot Irrigation	100 No.	50	205.00	102.50
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (4 Times)	100 No.	4000	205.00	8200.00
11	Pruning to Plants 30%	100 No.	300	387.61	1162.83
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
Sub Total					39565.59
5th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
6th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
7th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60


 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib

8th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
9th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
10th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
Total					423457.89
Over Head expenses 5%					21172.89
Wage Enhancement @ 10%					42345.79
G. Total					486976.58
Or say					486977
				Per plant	487
1	Cost of Compensatory Afforestation $0.0064 \times 2500 = 16$ plants but minimum 100 plants @ 487/- Rs.			CA	48700.00
2	NPV OF 'area 0064×6.26 lac			NPV	4010.00
3	EPA 10% (on C.A.)			EPA	4870.00
G.Total(1+2+3)					57580.00


 Divisional Forest Officer,
 Muktsar Forest Division,
 Shri Muktsar Sahib

Government of Punjab
Department of Forests & Wildlife Preservation
O/o Principal Chief Conservator of Forests(HoFF)
Forest Complex, Sector 68, SAS Nagar
(FCA Branch)

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Dated 23/07/2021

Divisional Forest Officer,
Sri Mukatsar Sahib.

Subject: Diversion of 0.00485 ha of forest land for construction of access approach to proposed M/s/HSD B Site Dealership Retail outlet M/s Indian Oil Corporation Limited at Salem Shan Road beyond Railway Crossing towards Salem Shah WML KM 0-1 L/s Tehsil and Distt Fazilka, Under Forest Division Sri Mukatsar Sahib, Punjab (FP/PB/ Approach/41252/2019/

The Stage-I approval was accorded to the proposal vide letter no. File No. FOREST-FCA/FC1M/1/2021-FCAI/51/177954/2021 dated 30.04.2021 Divisional Forest Officer Sri Mukatsar Sahib has reported vide letter no. 1625 dated 07.06.2021 that the User Agency has deposited the cost of C.A, NPV, and cost of equivalent non forest land as per the Stage-I approval. A Certificate has also been submitted by DFO that none of the provisions of Acts/Rules/Guidelines and circulars of Govt. of India/State Govt. is violated.

The Nodal Officer, FCA has been authorized by the State Government to issue Stage-II Approval vide e-office file no. 72024 After careful examination of the proposal under General Approval issued by Govt. of India vide letters No F.No 5-2/2017-FC dated 28.03.2019 and "Stage-II approval" is hereby conveyed for diversion of 0.00485 ha. of forest land for the above mentioned proposal on following conditions:-

- i. The NOC is issued for non-forestry use of 0.00485 ha. of forest area only. The User Agency under no circumstances shall exceed the area limit either while in the process of development or anytime in future.
- ii. Legal status of the diverted forest land shall remain unchanged.
- iii. No tree will be felled in this case.
- iv. The Compensatory Afforestation is proposed to be raised over 0.100 ha. of Compartment No AB Canal Mile no 102-105 R/s in Mukatsar Range Distt. Mukatsar as per proposed scheme, at a cost of 48700/- (Rupees One Forty Eight Thousand Seven Hundred only) provided by the user agency.
- v. Light crown trees may be planted on the entire periphery of the petrol pump at a distance of 1.5 meter from the wall and the distance between two trees will be 1.00 to 1.5 meter.
- vi. This permission is valid for 15 years i.e. upto 23.07.2036 and thereafter a fresh

I/216244/2021

permission for the user of said forest land will be taken from Government of India.

- vii. No damage will be done to the adjoining forest land.
- viii. The forest land shall not be used for any purpose other than that specified in the proposal and shall under no circumstances, be transferred to any one without prior approval of the Central/State Government.
- ix. The User Agency shall pay additional amount of NPV as and when increased in compliance to any such order of Hon'ble Supreme Court of India.
- x. Muck disposal should be taken up as per the scheme approved by the Forest Department.
- xi. The required soil conservation measures should be taken up by the User Agency for which fund should be provided as per the current rate of works.
- xii. The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required.
- xiii. No labour camp shall be established on the forest land.
- xiv. The User Agency shall provide firewood preferably alternate fuels to the laborers and the staff working at the site so as to avoid any damage and pressure on the nearby forest area.
- xv. The boundary of the diverted forest land shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar.
- xvi. The User Agency shall ensure that because of this project, no damage is caused to the wildlife available in the area.
- xvii. Any other condition that the Forest Department, Punjab may stipulate, from time to time, in the interest of conservation, protection and development of forests & Wildlife.
- xviii. The User Agency shall submit the annual self-compliance report in respect of the above conditions to the State Government and to the Regional Office regularly.
- xix. The User Agency and the DFO shall ensure compliance to the provisions of all the Acts, Rules, Regulations and Guidelines for the time being in force and as applicable to the project.

2. The Forest Department may revoke/suspend the NOC if implementation of any of the above conditions is not satisfactory. Divisional Forest Officer will ensure fulfillment of these conditions through Forest Department.

Praveen Kumar I/s

ADDL PRINCIPAL CHIEF CONSERVATOR OF FORESTS-CUM-NODAL OFFICER
(FCA)

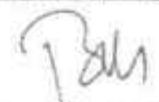
Copy to:-

1. Deputy Director General of Forests (C), Ministry of Environment, Forests and Climate Change, Bays No. 24-25, Sector 31-A, Chandigarh.
2. Add. Chief Secretary to the Govt. of Punjab, Department of of Forest and Wildlife Preservation Chandigarh.
3. Chairman Punjab Pollution Control Board, Nabha road Patiala.
4. Member Secretary SEIAA, State Level Environment Impact Assessment, Science & Technology, MGSIPA, Sector-26 Chandigarh.
5. Conservator of Forests, Ferozepur Circle, Ferozepur.
6. M/s Indian Oil Corporation Limited. Mansa Road, Phoos Mandi Bathinda, Punjab.


Diversion of 0.00485 Hec of Forest land for construction of Access approach to proposed MS/HSD B Site Dealership Retail Outlet of IOCL situated at Fazilka to Salem Shah Road km 0-1 L/S Distt. Fazika. Under Muktsar Forest Division.

Plantation Model For Standard Plantation under Compensatory Afforestation
Plants Per Hectare : 1000 Nos.
Land bank :AB Canal Mile No 102-105 R/S
Wage Rate Rs. 328


Sr. No.	Name of Work	Unit	Qty.	Unit Cost (In Rs.)	Amount
	Nursery				
	Nursery cost of raising plants	1100	1100	20.00	22000.00
A	Soil Work				
1	Site / Jungle Clearance (25%)	Ha.	0.5	5367.22	2683.61
2	Alignment & Dagbaling	Ha.	1	984.00	984.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	101.38	10138.00
5	Kana Stubbing 25%	Ha.	0.25	26836.00	6709.00
B	Plantation Work				
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	2747.00	2060.25
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	550.00	6050.00
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	196.80	2164.80
4	i) Carriage from site to site	100 No.	1000	131.20	1312.00
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	984.00	9840.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	205.00	2050.00
6	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
7	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
8	Weeding & Hoeing 3 Times	100 No.	3000	357.52	10725.60
9	Hand Watering (12 Times)	100 No.	12000	205.00	24600.00
10	Replanting of Plants 10%	100 No.	100	579.11	579.11
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Covering (25% plants) of plants	100 No.	250	295.20	738.00
13	Uncovering of plants	100 No.	250	32.80	82.00
14	Restubbing of Kana (1 Time)		0.25	26836.30	6709.08
15	Laying out & fixing of Barbed Wire	L/s			7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
17	Material				
	i) Insecticides / Fertilizers	L/s			5000.00
	ii) POL	L/s			5000.00
	iii) Barbed Wire	L/s			50000.00
	Sub Total				186465.05
	Maintenance 1 Year				
1	Cost of raising plants for 30% replacement	1 No.	300	20.00	6000.00
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	59.63	1341.68
3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	27.47	618.08


Divisonal Forest Officer
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4	Loading & Unloading of Plants	1 No.	300	2.46	738.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)	100 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	165	131.20	216.48
7	Re-Planting to plants	100 No.	165	329.08	542.98
8	Spot Irrigation	100 No.	165	205.00	338.25
9	Weeding & Hoeing (three)	100 No.	3000	357.52	10725.60
10	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
11	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
12	Hand Watering (5 Times)	100 No.	6000	357.52	21451.20
13	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
14	Restubbing of Kana	Per Ha.	0.25	26836.00	6709.00
15	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10	8528.00	5969.60
16	Repair of Barbed Wire	L/s			5000.00
17	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				73045.06
	2nd Year Maintenance				
1	Cost of raising plants for 15% replacement	1 No.	150	20.00	3000.00
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	21.6	59.63	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	27.47	296.68
4	Loading & Unloading of Plants	1 No.	75	2.46	184.50
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	75	131.20	98.40
7	Re-Planting to plants	100 No.	75	229.09	171.82
8	Spot Irrigation	100 No.	75	205.00	153.75
9	Weeding & Hoeing (Twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Pruning to Plants	100 No.	100	387.61	387.61
13	Watch & Ward for every 10 Ha.	Man Year	1/10	8528.00	5969.60
14	Repair of Barbed Wire	L/s			5000.00
15	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				45880.96
	3rd Year Maintenance				
1	Cost of raising plants for 10% replacement	1 No.	100	20.00	2000.00
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m3	10	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	27.47	197.78
4	Loading & Unloading of Plants	1 No.	100	2.46	246.00


 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib.

5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	100	1.00	100.00
6	Spreading of plants pit to pit	100 No.	100	131.20	131.20
7	Re-Planting to plants	100 No.	100	229.09	229.09
8	Spot Irrigation	100 No.	100	205.00	205.00
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Pruning to Plants 20%	100 No.	200	387.61	775.22
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
Sub Total					42683.63
4th Year Maintenance					
1	Cost of raising plants for 5% replacement	1 No.	50	20.00	1000.00
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	27.47	197.78
4	Loading & Unloading of Plants	1 No.	50	2.46	123.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	50	1.00	50.00
6	Spreading of plants pit to pit	100 No.	50	131.20	65.60
7	Re-Planting to plants	100 No.	50	229.09	114.54
8	Spot Irrigation	100 No.	50	205.00	102.50
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (4 Times)	100 No.	4000	205.00	8200.00
11	Pruning to Plants 30%	100 No.	300	387.61	1162.83
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
Sub Total					39565.59
5th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
6th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
7th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60


 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sanb.

8th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
9th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
10th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
Total					423457.89
Over Head expenses 5%					21172.89
Wage Enhancement @ 10%					42345.79
G. Total					486976.58
Or say					486977
				Per plant	487
1	Cost of Compensatory Afforestation 100 plants @ 487/- Rs.			CA	48700.00
3	NPV OF 'area 0.00485×6.26			NPV	3040.00
3				Total(1+2)	51740.00
4	Entry Point Activities(10%)(1+2)				5174.00
G.Total(3+4)					56914.00


 Divisional Forest Officer,
 Muktsar Forest Division,
 Shri Muktsar Sahib



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**Government of Punjab
Department of Forests & Wildlife Preservation
O/o Principal Chief Conservator of Forests(HoFF)
Forest Complex, Sector 68, SAS Nagar
(FCA Branch)**

To

Dated 31/07/2021

Divisional Forest Officer,
Sri Mukatsar Sahib.

Subject: Diversion of 0.014 ha. of forest land for approach road to retail outlet Indian Oil Corporation Limited at Muktsar-Abohar road KM 0-1 L/s Under Forest Division and Distt. Shri Muktsar Sahib, Punjab. FP/PB/Approach/61426/2020.

The Stage-I approval was accorded to the proposal vide letter no. FOREST-FCA0FC4R/22/2020-FCA dated 22.06.2021 Divisional Forest Officer **Sri Mukatsar Sahib** shankar has reported vide letter no. 2292 dated 13.07.2021 that the User Agency has deposited the cost of C.A,NPV, and cost of equivalent non forest land as per the In-principle approval. A Certificate has also been submitted by DFO that none of the provisions of **Acts/Rules/Guidelines and circulars** of Govt. of India/State Govt. is violated.

The Nodal Officer FCA has been authorized by the State Government to issue **Stage-II Approval** vide e-office file no. 72024. After careful examination of the proposal under General Approval issued by Govt. of India vide letters No F.No 5-2/2017-FC dated 28.03.2019 and "**Stage-II approval**" is hereby conveyed for diversion of 0.014 ha. of forest land for the above mentioned proposal on following conditions:-

- i. The NOC is issued for non-forestry use of 0.014 ha. of forest area only. The User Agency under no circumstances shall exceed the area limit either while in the process of development or anytime in future.
- ii. Legal status of the diverted forest land shall remain unchanged.
- iii. No trees will be felled in this case.
- iv. The Compensatory Afforestation is proposed to be raised over 0.100 ha. of Compartment No Kotli Kassi RD 0-CB Drain R/s in Mukatsar Range as per proposed scheme, at a cost of 48700/- (Rupees One Forty Eight Thousand Seven Hundred only) provided by the user agency.
- v. Light crown trees may be planted on the entire periphery of the petrol pump at a distance of 1.5 meter from the wall and the

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- distance between two trees will be 1.00 to 1.5 meter.
- vi. This permission is valid for 15 years i.e. upto 31.07.2036 and thereafter a fresh permission for the user of said forest land will be taken from Government of India.
 - vii. No damage will be done to the adjoining forest land.
 - viii. The forest land shall not be used for any purpose other than that specified in the proposal and shall under no circumstances, be transferred to any one without prior approval of the Central/State Government.
 - ix. The User Agency shall pay additional amount of NPV as and when increased in compliance to any such order of Hon'ble Supreme Court of India.
 - x. Muck disposal should be taken up as per the scheme approved by the Forest Department.
 - xi. The required soil conservation measures should be taken up by the User Agency for which fund should be provided as per the current rate of works.
 - xii. The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required.
 - xiii. No labour camp shall be established on the forest land.
 - xiv. The User Agency shall provide firewood preferably alternate fuels to the laborers and the staff working at the site so as to avoid any damage and pressure on the nearby forest area.
 - xv. The boundary of the diverted forest land shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar.
 - xvi. The User Agency shall ensure that because of this project, no damage is caused to the wildlife available in the area.
 - xvii. Any other condition that the Forest Department, Punjab may stipulate, from time to time, in the interest of conservation, protection and development of forests & Wildlife.
 - xviii. The User Agency shall submit the annual self-compliance report in respect of the above conditions to the State Government and to the Regional Office regularly.

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xix. The User Agency and the DFO shall ensure compliance all provisions of Acts, Rules, Regulations and Guidelines for the time being in force and as applicable to the project.

2. The Forest Department may revoke/suspend the NOC if implementation of any of the above conditions is not satisfactory. Divisional Forest Officer will ensure fulfillment of these conditions through Forest Department.

ADDL PRINCIPAL CHIEF CONSERVATOR OF FORESTS-CUM-NODAL
OFFICER (FCA)


Copy to:-

1. Financial Commissioner, Govt. of Punjab, Department of of Forest and Wildlife Preservation Chandigarh.
2. Deputy Director General of Forests (C), Ministry of Environment, Forests and Climate Change, Bays No. 24-25, Sector 31-A, Chandigarh.
3. Member Secretary, Punjab Pollution Control Board, Nabha road Patiala.
4. Member Secretary, SEIAA, State Level Environment Impact Assessment, Science & Technology, MGSIPA, Sector-26 Chandigarh.
5. Conservator of Forests, Ferozepur Circle, Ferozepur.
6. M/s Indian Oil Corporation Limited. Mansa Road, Phoos Mandi Bathinda, Punjab.

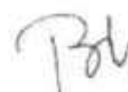
Div. of 0.014 ha. (143.68 sqm) forest area approach road to retail outlet Muktsar-Abohar road KM 0-1 L/s Distt. Shri Muktsar Sahib Under Muktsar Sahib Forest Division..FP/Pb/approach/61426/2020

Plantation Model For Standard Plantation under Compensatory Afforestation
Plants Per Hectare : 1000 Nos. **Wage Rate Rs. 328**


Land bank :- Kotli kassi RD 0-C.B drain R/S					
Sr. No.		Unit	Qty.	Unit Cost (in Rs.)	Amount
	Nursery				
	Nursery cost of raising plants	1100	1100	20.00	22000.00
A	Soil Work				
1	Site / Jungle Clearance (25%)	Ha.	0.5	5367.22	2683.61
2	Alignment & Dagbaling	Ha.	1	984.00	984.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	101.38	10138.00
5	Kana Stubbing 25%	Ha.	0.25	26836.00	6709.00
B	Plantation Work				
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	2747.00	2060.25
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	550.00	6050.00
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	196.80	2164.80
4	i) Carriage from site to site	100 No.	1000	131.20	1312.00
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	984.00	9840.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	205.00	2050.00
6	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
7	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
8	Weeding & Hoeing 3 Times	100 No.	3000	357.52	10725.60
9	Hand Watering (12 Times)	100 No.	12000	205.00	24600.00
10	Replanting of Plants 10%	100 No.	100	579.11	579.11
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Covering (25% plants) of plants	100 No.	250	295.20	738.00
13	Uncovering of plants	100 No.	250	32.80	82.00
14	Restubbing of Kana (1 Time)		0.25	26836.30	6709.08
15	Laying out & fixing of Barbed Wire	L/s			7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
17	Material				
	i) Insecticides / Fertilizers	L/s			5000.00
	ii) POL	L/s			5000.00
	iii) Barbed Wire	L/s			50000.00
	Sub Total				186465.05
	Maintenance 1 Year				
1	Cost of raising plants for 30% replacement	1 No.	300	20.00	6000.00
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	59.63	1341.68


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3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	27.47	618.08
4	Loading & Unloading of Plants	1 No.	300	2.46	738.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)	100 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	165	131.20	216.48
7	Re-Planting to plants	100 No.	165	329.08	542.98
8	Spot Irrigation	100 No.	165	205.00	338.25
9	Weeding & Hoeing (three)	100 No.	3000	357.52	10725.60
10	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
11	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
12	Hand Watering (6 Times)	100 No.	6000	357.52	21451.20
13	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
14	Restubbing of Kana	Per Ha.	0.25	26836.00	6709.00
15	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
16	Repair of Barbed Wire	L/s			5000.00
17	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
Sub Total					73045.06
2nd Year Maintenance					
1	Cost of raising plants for 15% replacement	1 No.	150	20.00	3000.00
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	21.6	59.63	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	27.47	296.68
4	Loading & Unloading of Plants	1 No.	75	2.46	184.50
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	75	131.20	98.40
7	Re-Planting to plants	100 No.	75	229.09	171.82
8	Spot Irrigation	100 No.	75	205.00	153.75
9	Weeding & Hoeing (Twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Pruning to Plants	100 No.	100	387.61	387.61
13	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
14	Repair of Barbed Wire	L/s			5000.00
15	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
Sub Total					45880.96
3rd Year Maintenance					
1	Cost of raising plants for 10% replacement	1 No.	100	20.00	2000.00
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m3	10	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	27.47	197.78
4	Loading & Unloading of Plants	1 No.	100	2.46	246.00


 Divisional Forest Officer
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 Sri Muktsar Sahib

5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	100	1.00	100.00
6	Spreading of plants pit to pit	100 No.	100	131.20	131.20
7	Re-Planting to plants	100 No.	100	229.09	229.09
8	Spot Irrigation	100 No.	100	205.00	205.00
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Pruning to Plants 20%	100 No.	200	387.61	775.22
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				42683.63
4th Year Maintenance					
1	Cost of raising plants for 5% replacement	1 No.	50	20.00	1000.00
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	27.47	197.78
4	Loading & Unloading of Plants	1 No.	50	2.46	123.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	50	1.00	50.00
6	Spreading of plants pit to pit	100 No.	50	131.20	65.60
7	Re-Planting to plants	100 No.	50	229.09	114.54
8	Spot Irrigation	100 No.	50	205.00	102.50
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (4 Times)	100 No.	4000	205.00	8200.00
11	Pruning to Plants 30%	100 No.	300	387.61	1162.83
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				39565.59
5th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
6th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
7th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60


 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib

	8th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	9th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	10th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	Total				423457.89
	Over Head expenses 5%				21172.89
	Wage Enhancement @ 10%				42345.79
	G. Total				486976.58
	Or say				486977
				Per plant	487
1	Cost of Compensatory Afforestation $0.014 \times 2500 = 35$ plants but minimum 100 plants @ 487/- Rs.			CA	48700.00
2	NPV OF 'area $0.014(143.68\text{sqm}) \times 626000$			NPV	9000.00
3				Total(1+2)	57700.00
4	Entry Point Activites(10%)(1+2)				5770.00
	Grand Total(3+4)				63470.00


 Divisional Forest Officer,
 Muksar Forest Division,
 Shri Muksar Sahib



भारत सरकार
GOVERNMENT OF INDIA
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
एकीकृत क्षेत्रीय कार्यालय, चंडीगढ़ / Integrated Regional Office,
Chandigarh



मिसिल संख्या -: 9-PBB333/2021-CHA

दिनांक : 19-08-2021

सेवा में,

अतिरिक्त मुख्य सचिव (वन),
पंजाब सरकार, लघु सचिवालय,
सेक्टर-9, चण्डीगढ़।
(icf@punjab.gov.in)

विषय:- Diversion of 0.848 ha of forest land in favour of Sub Divisional Engineer, Water Supply & Sanitation Sub Division, Sri Muktsar Sahib for underground water pipe line (main WTP) from Sirhind Fedder (Muktsar Minor) to Main water works RD 0-23 R/s via Village Thandewala to Muktsar city Muktsar under Forest Division and District Sri Muktsar Sahib, Punjab (Online proposal No. FP/PB/Pipeline/116561/2020)-regarding

संदर्भ (i) State Government online proposal received on dated 19.03.2021

(ii) नोडल अधिकारी के पत्र संख्या FOREST-FCA0FC1M/4/2021-FCA दिनांक 06.08.2021.

महोदय,

कृपया उपर्युक्त विषय में संदर्भित पत्र का अवलोकन करें जिसमें वन (संरक्षण) अधिनियम, 1980 की धारा- 2 के अश्विन केन्द्रीय सरकार की अनुमति मांगी गई है। इन प्रस्ताव में इस कार्यालय के समसंघटक पत्र दिनांक 01.04.2021 द्वारा सैधांतिक स्वीकृति प्रदान की गई थी जिसकी अनुपालना रिपोर्ट नोडल अधिकारी के पत्र संख्या FOREST-FCA0FC1M/4/2021-FCA दिनांक 06.08.2021 (ऑनलाइन पोर्टल) द्वारा प्राप्त होने के उपरान्त केन्द्र सरकार द्वारा उपर्युक्त उद्देश्य हेतु 0.848 हेक्टेयर वन भूमि के उपयोग हेतु स्वीकृति निम्नलिखित शर्तें पूरी करने पर प्रदान की जाती है:-

- वन भूमि की विधिक परिस्थिति बदली नहीं जाएगी।
- प्रस्ताव के अनुसार पेड़/पौधे काटे जायें और काटे जाने वाले पेड़ों की संख्या 276 और पौधों की संख्या 100 में अधिक नहीं होगी।
- प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार Bhangchhari Kassi RD 0-tail B/side in Range Shri Muktsar Sahib, में प्रयोक्ता एजेंसी से प्राप्त 13,44,120/- रुपये (Rupees thirteen lakh forty four thousand one hundred & twenty only) की राशि से 2.760 हेक्टेयर वन क्षेत्र में पौधे लगाकर किया जायेगा।
- अतिरिक्त प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार Bhangchhari Kassi RD 0-tail B/side in Range Shri Muktsar Sahib, में प्रयोक्ता एजेंसी से प्राप्त 1,35,200/- रुपये (Rupees one lakh thirty five thousand & two hundred only) की राशि से 0.400 हेक्टेयर वन क्षेत्र में पौधे लगाकर किया जायेगा।
- प्रतिपूर्ति पौधारोपण और अतिरिक्त प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
- राज्य सरकार प्रयोक्ता एजेंसी को वन भूमि को गैर वानिकी कार्यों के लिए हस्तांतरण से पूर्व स्वीकृत प्रतिपूर्ति पौधारोपण (CA) क्षेत्र की KML फाइल को भारतीय वन सर्वेक्षण (FSI) के E-Green Watch पोर्टल पर अपलोड करना सुनिश्चित करेगी।

- vii. वन भूमि का प्रयोग प्रस्ताव में दर्शाये गये उद्देश्य के अलावा किसी अन्य उद्देश्य के लिये नहीं किया जायेगा।
- viii. जब कभी भी NPV की राशि बढ़ाई जायेगी तो उस बड़ी हुई NPV की राशि को जमा करने के लिए प्रयोक्ता एजेंसी बाध्य होगी।
- ix. साथ लगते वन और वन भूमि को किसी तरह का कोई नुकसान नहीं पहुंचाया जायेगा।
- x. स्थानान्तरण के लिए प्रस्तावित वन भूमि को केंद्रीय सरकार की पूर्व अनुमति के बिना किसी भी परिस्थिति में किसी अन्य एजेंसी, विभाग या व्यक्ति विशेष को हस्तांतरित नहीं किया जायेगा।
- xi. केन्द्रीय सरकार की अनुमति के बिना प्रस्ताव की ले आउट प्लान को बदला नहीं जायेगा।
- xii. यदि आवश्यक हो तो प्रयोक्ता एजेंसी पर्यावरण (सुरक्षा) अधिनियम 1986, के अनुसार पर्यावरण अनुमति प्राप्त करेगी।
- xiii. कूड़ा कंकड़ निपटान जारी योजना के अनुसार किया जायेगा।
- xiv. अन्य कोई भी शर्त इन क्षेत्रीय कार्यालय द्वारा वन तथा वन्य जीव का संरक्षण, सुरक्षा तथा विकास के लिए समय - समय पर लगाई जा सकती है।
- xv. यदि कोई अन्य संबंधित अधिनियम/अनुच्छेद/नियम/न्यायालय आदेश/अनुदेश आदि इन प्रस्ताव पर लागू होते हैं तो उनके अधीन जरूरी अनुमति लेना प्रयोक्ता एजेंसी व राज्य सरकार की जिम्मेवारी होगी।

2. मंत्रालय इस स्वीकृति को स्थगित/रद्द कर सकता है यदि उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन मन्तोषप्रद नहीं है। राज्य सरकार वन विभाग के माध्यम से इन शर्तों का पालन सुनिश्चित करेगी।

भवदीय,

हस्ता/
(सी०डी०सिंह)

क्षेत्रीय अधिकारी MoEF&CC

प्रतिनिधि:-

1. अधर वन महानिदेशक (वन), पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, इन्द्रा पर्यावरण भवन, जोर बाग, अलीगंज, नई दिल्ली | (adgfc-mef@nic.in)
2. प्रधान मुख्य वन संरक्षक, पंजाब, फॉरेस्ट कॉम्प्लेक्स, सी०-68, एम० ए० एस० नगर, मोहाली, पंजाब | (pccf@punjab@gmail.com)
3. अतिरिक्त प्रधान मुख्य वन संरक्षक एवं नोडल ऑफिसर, पंजाब, फॉरेस्ट कॉम्प्लेक्स, सी० 68, एम० ए० एस० नगर, मोहाली, पंजाब | (tfcaforest@gmail.com)
4. वन मण्डल अधिकारी, वन मण्डल और जिला श्री मुक्तसर साहिब, पंजाब | (dtfo@dk@rediffmail.co.in)
5. Sub Divisional Engineer, Water Supply & Sanitation Sub Division, Sri Muktsar Sahib | (sdcmkt@gmail.com)

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Div. of 0.848 ha forest area for under ground water pipe line (main WTP) from Sirhind Feeder (Muktsar Minor) to Main water works Rd 0-23 R/s via Village Thandewala to Muktsar city Muktsar Under Muktsar Forest Division.FP/PB/Pipeline/116561/2020

Plantation Model For Standard Plantation under Compensatory Afforestation
Plants Per Hectare : 1000 Nos. **Wage Rate Rs. 328**

Land bank :-Bhangchari Kasal Rd 0-tall B/s Muktsar Range					
Sr. No.		Unit	Qty.	Unit Cost (in Rs.)	Amount
	Nursery				
	Nursery cost of raising plants	1100	1100	20.00	22000.00
	A Soil Work				
1	Site / Jungle Clearance (25%)	Ha.	0.5	5367.22	2683.61
2	Alignment & Dagbaling	Ha.	1	984.00	984.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	101.38	10138.00
5	Kana Stubbing 25%	Ha.	0.25	26836.00	6709.00
	B Plantation Work				
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	2747.00	2060.25
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	550.00	6050.00
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	196.80	2164.80
4	i) Carriage from site to site	100 No.	1000	131.20	1312.00
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	984.00	9840.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	205.00	2050.00
6	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
7	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
8	Weeding & Hoeing 3 Times	100 No.	3000	357.52	10725.60
9	Hand Watering (12 Times)	100 No.	12000	205.00	24600.00
10	Replanting of Plants 10%	100 No.	100	579.11	579.11
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Covering (25% plants) of plants	100 No.	250	295.20	738.00
13	Uncovering of plants	100 No.	250	32.80	82.00
14	Restubbing of Kana (1 Time)		0.25	26836.30	6709.08
15	Laying out & fixing of Barbed Wire	L/s			7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
17	Material				
	i) Insecticides / Fertilizers	L/s			5000.00
	ii) POL	L/s			5000.00
	iii) Barbed Wire	L/s			50000.00
	Sub Total				186465.05
	Maintenance 1 Year				
1	Cost of raising plants for 30% replacement	1 No.	300	20.00	6000.00
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	59.63	1341.68

Bh
 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib


3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	27.47	618.08
4	Loading & Unloading of Plants	1 No.	300	2.46	738.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)	100 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	165	131.20	216.48
7	Re-Planting to plants	100 No.	165	329.08	542.98
8	Spot Irrigation	100 No.	165	205.00	338.25
9	Weeding & Hoeing (three)	100 No.	3000	357.52	10725.60
10	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
11	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
12	Hand Watering (6 Times)	100 No.	6000	357.52	21451.20
13	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
14	Restubbing of Kana	Per Ha.	0.25	26836.00	6709.00
15	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
16	Repair of Barbed Wire	L/s			5000.00
17	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			73045.06
Sub Total					
2nd Year Maintenance					
1	Cost of raising plants for 15% replacement	1 No.	150	20.00	3000.00
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	21.6	59.63	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	27.47	296.68
4	Loading & Unloading of Plants	1 No.	75	2.46	184.50
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	75	131.20	98.40
7	Re-Planting to plants	100 No.	75	229.09	171.82
8	Spot Irrigation	100 No.	75	205.00	153.75
9	Weeding & Hoeing (Twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Pruning to Plants	100 No.	100	387.61	387.61
13	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
14	Repair of Barbed Wire	L/s			5000.00
15	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			45880.96
Sub Total					
3rd Year Maintenance					
1	Cost of raising plants for 10% replacement	1 No.	100	20.00	2000.00
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m3	10	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	27.47	197.78
4	Loading & Unloading of Plants	1 No.	100	2.46	246.00


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5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	100	1.00	100.00
6	Spreading of plants pit to pit	100 No.	100	131.20	131.20
7	Re-Planting to plants	100 No.	100	229.09	229.09
8	Spot Irrigation	100 No.	100	205.00	205.00
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Pruning to Plants 20%	100 No.	200	387.61	775.22
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				42683.63
	4th Year Maintenance				
1	Cost of raising plants for 5% replacement	1 No.	50	20.00	1000.00
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	27.47	197.78
4	Loading & Unloading of Plants	1 No.	50	2.46	123.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	50	1.00	50.00
6	Spreading of plants pit to pit	100 No.	50	131.20	65.60
7	Re-Planting to plants	100 No.	50	229.09	114.54
8	Spot Irrigation	100 No.	50	205.00	102.50
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (4 Times)	100 No.	4000	205.00	8200.00
11	Pruning to Plants 30%	100 No.	300	387.61	1162.83
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				39565.59
	5th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	6th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	7th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60


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8th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
9th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
10th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
Total					423457.89
Over Head expenses 5%					21172.89
Wage Enhancement @ 10%					42345.79
G. Total					486976.58
Or say					486977
				Per plant	487
1	Cost of Compensatory Afforestation $276 \times 10 = 2760$ plants @ 487/- Rs.			CA	1344120.00
2	NPV OF 'area 0.848×887000			NPV	752180.00
3	ACA 100 plants * 2 = 200 plants @ 676			ACA	135200.00
4	EPA 10% (on ca amount)				134412.00
G.Total(1+2+3+4)					2365912.00


 Divisional Forest Officer,
 Muktsar Forest Division,
 Shri Muktsar Sahib





मिसिल संख्या :- 9-PBB361/2021-CHA

दिनांक : 24-09-2021

सेवा में,

अतिरिक्त मुख्य सचिव (वन),
पंजाब सरकार, लघु सचिवालय,
सेक्टर-9, चण्डीगढ़।
(fcf@punjab.gov.in)

विषय:- Diversion of 0.1465 ha of forest land in favour of Indian Oil Corporation Ltd., for approach road to proposed M/s HSD B site Retail outlet Dealership of Indian Oil Corporation Ltd., at village Sureshwala on Sulemanki-Fazilka road, NH-07, km. 11.054 R/side, District Fazilka, under forest division Sri Muktsar Sahib, Punjab (Online proposal No. FP/PB/Approach/120863/2021)-regarding

संदर्भ (i) State Government online proposal received on dated 25.05.2021.

(ii) नोडल अधिकारी के पत्र संख्या FOREST-FCA0FC1M/16/2021-FCA दिनांक 10.09.2021.

महोदय,

कृपया उपर्युक्त विषय में संदर्भित पत्र का अवलोकन करें जिसमें वन (संरक्षण) अधिनियम, 1980 की धारा- 2 के अधीन केन्द्रीय सरकार की अनुमति मांगी गई है। इस प्रस्ताव में इस कार्यालय के समसंख्यक पत्र दिनांक 01.06.2021 द्वारा सैधांतिक स्वीकृति प्रदान की गई थी जिसकी अनुपालना रिपोर्ट नोडल अधिकारी के पत्र संख्या FOREST-FCA0FC1M/16/2021-FCA दिनांक 10.09.2021 (ऑनलाइन पोर्टल) द्वारा प्राप्त होने के उपरान्त केन्द्र सरकार द्वारा उपर्युक्त उद्देश्य हेतु 0.1465 हेक्टेयर वन भूमि के उपयोग हेतु स्वीकृति निम्नलिखित शर्तें पूरी करने पर प्रदान की जाती है:-

- वन भूमि की विद्यिक परिस्थिति बदली नहीं जाएगी।
- प्रस्ताव के अनुसार कम से कम वृक्ष/पौधे काटे जायें और काटे जाने वाले वृक्षों की संख्या 17 और पौधों की संख्या 28 से अधिक नहीं होगी।
- प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार Alamwala Kassi RD 15-40 B/side in Muktsar Range of District Muktsar, में प्रयोज्य एजेंसी से प्राप्त 1,78,242/- रुपये (Rupees one lakh seventy eight thousand two hundred & forty two only) की राशि से 0.366 हेक्टेयर वन क्षेत्र में पौधे लगाकर किया जायेगा।
- अतिरिक्त प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार Alamwala Kassi RD 15-40 B/side in Muktsar Range of District Muktsar, में प्रयोज्य एजेंसी से प्राप्त 37,856/- रुपये (Rupees thirty seven thousand eight hundred & fifty six only) की राशि से 0.112 हेक्टेयर वन क्षेत्र में पौधे लगाकर किया जायेगा।
- प्रतिपूर्ति पौधारोपण और अतिरिक्त प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
- राज्य सरकार प्रयोज्य एजेंसी को वन भूमि को गैर वानिकी कार्यों के लिए हस्तान्तरण से पूर्व स्वीकृत प्रतिपूर्ति पौधारोपण (CA) क्षेत्र की KML फाइल को भारतीय वन सर्वेक्षण (FSI) के E-Green Watch पोर्टल पर अपलोड करना सुनिश्चित करेगी।
- यह अनुमति 15 वर्षों के लिए वैध होगी, इसके उपरान्त पुनः यह अनुमति भारत सरकार से प्राप्त करनी होगी।
- वन भूमि का प्रयोग प्रस्ताव में दर्शाये गये उद्देश्य के अलावा किसी अन्य उद्देश्य के लिये नहीं किया जायेगा।

- ix. जब कभी भी NPV की राशि बढ़ाई जायेगी तो इस बड़ी हुई NPV की राशि को जमा करने के लिए प्रयोक्ता एजेन्सी बाध्य होगी।
- x. पेट्रोल पम्प की पूरी परिधि (Periphery) पर दिवार में 1.5 मीटर जगह छोड़कर 1.0 से 1.5 मीटर के अन्तर्गल पर Light Crown पेट्रोल का वृक्षारोपण किया जाये।
- xi. प्रयोक्ता एजेन्सी द्वारा पंहुच मार्ग (Entry/Exit Or Deceleration/Acceleration) व विभाजक द्वीप (Separator Island) पर भी पौधारोपण किया जायेगा तथा इस विभाजक द्वीप का कोई भी व्यापारिक उपयोग नहीं किया जायेगा।
- xii. साथ लगते वन और वन भूमि को किसी तरह का कोई नुकसान नहीं पहुंचाया जायेगा और साथ लगते हुए वन और वन भूमि को बचाने के लिये सभी प्रयत्न किये जायेंगे।
- xiii. स्वतन्त्रता के लिए प्रस्तावित वन भूमि को केंद्रीय सरकार की पूर्व अनुमति के बिना किसी भी परिस्थिति में किसी अन्य एजेन्सी, विभाग या व्यक्ति विशेष को हस्तांतरित नहीं किया जायेगा।
- xiv. केंद्रीय सरकार की अनुमति के बिना प्रस्ताव की ले आउट प्लान को बदला नहीं जायेगा।
- xv. कूड़ा बर्कट निपटान जारी योजना के अनुसार किया जायेगा।
- xvi. अन्य कोई भी शर्त इन क्षेत्रीय कार्यालय द्वारा वन तथा वन्य जीवों के संरक्षण, सुरक्षा तथा विकास हेतु समय - समय पर लगाई जा सकती है।
- xvii. यदि आवश्यक हो तो प्रयोक्ता एजेन्सी पर्यावरण (सुरक्षा) अधिनियम 1986, के अनुसार पर्यावरण अनुमति प्राप्त करेगी।
- xviii. इनमें से किसी भी शर्त का उल्लंघन वन संरक्षण अधिनियम, 1980 का उल्लंघन होगा तथा पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय के दिशानिर्देशों 1.21 के अनुसार कार्यवाही की जायेगी।
- xix. यदि कोई अन्य सम्बंधित अधिनियम/अनुच्छेद/नियम/न्यायालय आदेश/अनुदेश आदि इस प्रस्ताव पर लागू होते हैं तो उनके अधीन जरूरी अनुमति लेना राज्य सरकार की जिम्मेवारी होगी।

2. मंत्रालय इस स्वीकृति को स्वगित/रद्द कर सकता है यदि उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन सन्तोषप्रद नहीं है। राज्य सरकार वन विभाग के माध्यम से इन शर्तों का पालन सुनिश्चित करेगी।

भवदीय,

हस्ता/-
(सी०डी०सिंह)

क्षेत्रीय अधिकारी MoEF&CC

प्रतिनिधि:-

1. अपर वन महानिदेशक (वन), पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, इन्द्रा पर्यावरण भवन, जोर बाग, अलीगंज, नई दिल्ली। (adgfc-mef@nic.in)
2. प्रधान मुख्य वन संरक्षक, पंजाब, फोरैस्ट कॉम्प्लेक्स, सै०-68, एस० ए० एस० नगर, मोहाली, पंजाब। (pccfpunjab@gmail.com)
3. अतिरिक्त प्रधान मुख्य वन संरक्षक एवं नोडल ऑफिसर, पंजाब, फोरैस्ट कॉम्प्लेक्स, सै० 68, एस० ए० एस० नगर, मोहाली, पंजाब। (fcaforest@gmail.com)
4. वन मण्डल अधिकारी, वन मण्डल और जिला श्री मुक्तसर माहिब, पंजाब। (dfomks@gmail.com)
5. Indian Corporation Limited, Bathinda Divisional Office, Phoose Mandi, Mansa Road, Bathinda (nipun0123987@gmail.com)

Signed by C D Singh

Date 24-09-2021 15:59:11


वेब नं. 24-25, सेक्टर-31 ए, चंडीगढ़-160030 / Bays No. 24-25, Sector-31 A, Chandigarh-160030

दूरभाष/Tel No : 0172-2638061 Fax No : 0172-2638135 Email : ronz.chd-mef@nic.in Reason: Approved

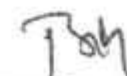
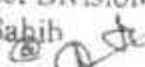
Diversion of 0.1465 Ha. of Forest Land for approach access road to Proposed MS/HSD B Site Retail Outlet Dealership of Indian Oil Corporation Limited at Location Village Sureshwala on Sulemanki - Fazilka Road, NH - 07, KM. 11.054 (RHS), Tehsil & Distt Fazilka. Under Forest Division Sri Muktsar Sahib.

**Plantation Model For Standard Plantation under Compensatory Afforestation
Plants Per Hectare : 1000 Nos. Wage Rate Rs. 328**

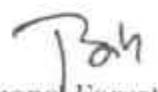
Land bank :- Alamwala Kassi RD 15-40 B/S					
Sr. No.		Unit	Qty.	Unit Cost (In Rs.)	Amount
Nursery					
	Nursery cost of raising plants	1100	1100	20.00	22000.00
A Soil Work					
1	Site / Jungle Clearance (25%)	Ha.	0.5	5367.22	2683.61
2	Alignment & Dagbaling	Ha.	1	984.00	984.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	101.38	10138.00
5	Kana Stubbing 25%	Ha.	0.25	26836.00	6709.00
B Plantation Work					
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	2747.00	2060.25
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	550.00	6050.00
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	196.80	2164.80
4	i) Carriage from site to site	100 No.	1000	131.20	1312.00
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	984.00	9840.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	205.00	2050.00
6	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
7	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
8	Weeding & Hoeing 3 Times	100 No.	3000	357.52	10725.60
9	Hand Watering (12 Times)	100 No.	12000	205.00	24600.00
10	Replanting of Plants 10%	100 No.	100	579.11	579.11
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Covering (25% plants) of plants	100 No.	250	295.20	738.00
13	Uncovering of plants	100 No.	250	32.80	82.00
14	Restubbing of Kana (1 Time)		0.25	26836.30	6709.08
15	Laying out & fixing of Barbed Wire	L/s			7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
17	Material				5000.00
	i) Insecticides / Fertilizers	L/s			5000.00
	ii) POL	L/s			50000.00
	iii) Barbed Wire	L/s			
Sub Total					186465.05
Maintenance 1 Year					
1	Cost of raising plants for 30% replacement	1 No.	300	20.00	6000.00
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	59.63	1341.68


 Divisional Forest Officer
 Muktsar Forest Division
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3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	27.47	618.08
4	Loading & Unloading of Plants	1 No.	300	2.46	738.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)	100 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	165	131.20	216.48
7	Re-Planting to plants	100 No.	165	329.08	542.98
8	Spot Irrigation	100 No.	165	205.00	338.25
9	Weeding & Hoeing (three)	100 No.	3000	357.52	10725.60
10	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
11	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
12	Hand Watering (6 Times)	100 No.	6000	357.52	21451.20
13	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
14	Restubbing of Kana	Per Ha.	0.25	26836.00	6709.00
15	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
16	Repair of Barbed Wire	L/s			5000.00
17	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				73045.06
	2nd Year Maintenance				
1	Cost of raising plants for 15% replacement	1 No.	150	20.00	3000.00
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	21.6	59.63	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	27.47	296.68
4	Loading & Unloading of Plants	1 No.	75	2.46	184.50
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	75	131.20	98.40
7	Re-Planting to plants	100 No.	75	229.09	171.82
8	Spot Irrigation	100 No.	75	205.00	153.75
9	Weeding & Hoeing (Twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Pruning to Plants	100 No.	100	387.61	387.61
13	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
14	Repair of Barbed Wire	L/s			5000.00
15	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				45880.96
	3rd Year Maintenance				
1	Cost of raising plants for 10% replacement	1 No.	100	20.00	2000.00
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m3	10	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	27.47	197.78
4	Loading & Unloading of Plants	1 No.	100	2.46	246.00


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5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	100	1.00	100.00
6	Spreading of plants pit to pit	100 No.	100	131.20	131.20
7	Re-Planting to plants	100 No.	100	229.09	229.09
8	Spot Irrigation	100 No.	100	205.00	205.00
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Pruning to Plants 20%	100 No.	200	387.61	775.22
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				42683.63
	4th Year Maintenance				
1	Cost of raising plants for 5% replacement	1 No.	50	20.00	1000.00
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	27.47	197.78
4	Loading & Unloading of Plants	1 No.	50	2.46	123.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	50	1.00	50.00
6	Spreading of plants pit to pit	100 No.	50	131.20	65.60
7	Re-Planting to plants	100 No.	50	229.09	114.54
8	Spot Irrigation	100 No.	50	205.00	102.50
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (4 Times)	100 No.	4000	205.00	8200.00
11	Pruning to Plants 30%	100 No.	300	387.61	1162.83
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				39565.59
	5th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	6th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	7th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60


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 Muktsar Forest Division
 Sri Muktsar Sahib

8th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
9th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
10th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
Total					423457.89
Over Head expenses 5%					21172.89
Wage Enhancement @ 10%					42345.79
G. Total					486976.58
Or say					486977
				Per plant	487
1	Cost of Compensatory Afforestation minimum 0.1465 * 2500 = 366 plants planted @ 487/- Rs.			CA	178242.00
2	NPV OF 'area 0.1465*8.03 iac.			NPV	117640.00
3	Entry Point Activities(10%)(Cost of compensatory afforestation)				17824.00
G.Total(1+3+4)				Grand Total	313706.00

Date 3.05.2021


 Divisional Forest Officer,
 Muktsar Forest Division,
 Shri Muktsar Sahib

I/24/1181/2021

Government of Punjab
Department of Forests & Wildlife Preservation
O/o Principal Chief Conservator of Forests(HoFF)
Forest Complex, Sector 68, SAS Nagar
(FCA Branch)

To

Dated 02/09/2021

Divisional Forest Officer,
Sri Mukatsar Sahib,

Subject: Diversion of 0.0106 Ha of forest land for construction of approach road for proposed Retail Outlet at Village Bahmani Wala, Murabba no.20, Kila no.9, between km stone 6-7 (LHS) on Jalalabad - Pooran Patti road, Tehsil Jalalabad Distt. Fazilka, Under Forest Division Sri Mukatsar Sahib, Punjab (FP/PB/ Approach/ 57768/2020/

The Stage-I approval was accorded to the proposal vide letter no. File No.FOREST-FCA0FC1M/33/2021-FCAI/ dated 22.06.2021 Divisional Forest Officer Sri Mukatsar Sahib has reported vide letter no. 2389 dated 15.07.2021 that the User Agency has deposited the cost of C.A, NPV, and cost of equivalent non forest land as per the In-principle approval. A Certificate has also been submitted by DFO that none of the provisions of Acts/Rules/Guidelines and circulars of Govt. of India/State Govt. is violated.

The Nodal Officer FCA has been authorized by the State Government to issue **Stage-II Approval** vide e-office file no. 72024 After careful examination of the proposal under General Approval issued by Govt. of India vide letters No F.No 5-2/2017-FC dated 28.03.2019 and "Stage-II approval" is hereby conveyed for diversion of 0.0106 ha. of forest land for the above mentioned proposal on following conditions:-

- i. The NOC is issued for non-forestry use of 0.0106 ha. of forest area only. The User Agency under no circumstances shall exceed the area limit either while in the process of development or anytime in future.
- ii. Legal status of the diverted forest land shall remain unchanged.
- iii. No trees will be felled in this case.
- iv. The Compensatory Afforestation is proposed to be raised over 0.100 ha. of Compartment No. Kotli Kassi RD 0-CB Drain R/s in Mukatsar Range Distt. Mukatsar as per proposed scheme, at a cost of 48700/- (Rupees Forty Eight Thousand Seven Hundred only) provided by the user agency.

- v. Light crown trees may be planted on the entire periphery of the petrol pump at a distance of 1.5 meter from the wall and the distance between two trees will be 1.00 to 1.5 meter.
- vi. This permission is valid for 15 years i.e. upto 31.08.2036 and thereafter a fresh permission for the user of said forest land will be taken from Government of India.
- vii. No damage will be done to the adjoining forest land.
- viii. The forest land shall not be used for any purpose other than that specified in the proposal and shall under no circumstances, be transferred to any one without prior approval of the Central/State Government.
- ix. The User Agency shall pay additional amount of NPV as and when increased in compliance to any such order of Hon'ble Supreme Court of India.
- x. Muck disposal should be taken up as per the scheme approved by the Forest Department.
- xi. The required soil conservation measures should be taken up by the User Agency for which fund should be provided as per the current rate of works.
- xii. The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required.
- xiii. No labour camp shall be established on the forest land.
- xiv. The User Agency shall provide firewood preferably alternate fuels to the laborers and the staff working at the site so as to avoid any damage and pressure on the nearby forest area.
- xv. The boundary of the diverted forest land shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar.
- xvi. The User Agency shall ensure that because of this project, no damage is caused to the wildlife available in the area.
- xvii. Any other condition that the Forest Department, Punjab may stipulate, from time to time, in the interest of conservation, protection and development of forests & Wildlife.

I/241181/2021

- xviii. The User Agency shall submit the annual self-compliance report in respect of the above conditions to the State Government and to the Regional Office regularly.
 - xix. The User Agency and the DFO shall ensure compliance all provisions of Acts, Rules, Regulations and Guidelines for the time being in force and as applicable to the project.
2. The Forest Department may revoke/suspend the NOC if implementation of any of the above conditions is not satisfactory. Divisional Forest Officer will ensure fulfillment of these conditions through Forest Department.

ADDL PRINCIPAL CHIEF CONSERVATOR OF FORESTS-CUM-NODAL OFFICER
(FCA)

Copy to:-

1. Financial Commissioner to the Govt. of Punjab, Department of of Forest and Wildlife Preservation Chandigarh.
2. Deputy Director General of Forests (C), Ministry of Environment, Forests and Climate Change, Bays No. 24-25, Sector 31-A, Chandigarh.
3. Member Secretary, Punjab Pollution Control Board, Nabha road Patiala.
4. Member Secretary SEIAA, State Level Environment Impact Assessment, Science & Technology, MGSIPA, Sector-26 Chandigarh.
5. Conservator of Forests, Ferozepur Circle, Ferozepur.
6. M/s Hindustan Petroleum Corporation Ltd. Mansa Road, Phoos Mandi Bathinda, Punjab

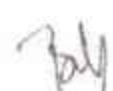
✓ Diversion of 0.0106 Hectare forest land for construction of approach road for proposed Retail Outlet at Village Bahmani Wala, Murabba no.20, Kila no.9, between km stone 6-7(LHS) on Jalalabad - Pooran Patti road, Tehsil Jalalabad Distt. Fazilka(Punjab).FP/Pb/approach/57768/2020

Plantation Model For Standard Plantation under Compensatory Afforestation
Plants Per Hectare : 1000 Nos. **Wage Rate Rs. 328**

Land bank :-Kotli kassi RD D-C.B drain R/S					
Sr. No.		Unit	Qty.	Unit Cost (in Rs.)	Amount
	Nursery				
	Nursery cost of raising plants	1100	1100	20.00	22000.00
A	Soil Work				
1	Site / Jungle Clearance (25%)	Ha.	0.5	5367.22	2683.61
2	Alignment & Dagbaling	Ha.	1	984.00	984.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	101.38	10138.00
5	Kana Stubbing 25%	Ha.	0.25	26836.00	6709.00
B	Plantation Work				
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	2747.00	2060.25
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	550.00	6050.00
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	196.80	2164.80
4	i) Carriage from site to site	100 No.	1000	131.20	1312.00
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	984.00	9840.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	205.00	2050.00
6	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
7	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
8	Weeding & Hoeing 3 Times	100 No.	3000	357.52	10725.60
9	Hand Watering (12 Times)	100 No.	12000	205.00	24600.00
10	Replanting of Plants 10%	100 No.	100	579.11	579.11
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Covering (25% plants) of plants	100 No.	250	295.20	738.00
13	Uncovering of plants	100 No.	250	32.80	82.00
14	Restubbing of Kana (1 Time)		0.25	26836.30	6709.08
15	Laying out & fixing of Barbed Wire	L/s			7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
17	Material				
	i) Insecticides / Fertilizers	L/s			5000.00
	ii) POL	L/s			5000.00
	iii) Barbed Wire	L/s			50000.00
	Sub Total				186465.05
	Maintenance 1 Year				
1	Cost of raising plants for 30% replacement	1 No.	300	20.00	6000.00
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	59.63	1341.68

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 Muktsar Forest Division
 Sri Muktsar Sahib

3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	27.47	618.08
4	Loading & Unloading of Plants	1 No.	300	2.46	738.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)	100 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	165	131.20	216.48
7	Re-Planting to plants	100 No.	165	329.08	542.98
8	Spot Irrigation	100 No.	165	205.00	338.25
9	Weeding & Hoeing (three)	100 No.	3000	357.52	10725.60
10	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
11	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
12	Hand Watering (6 Times)	100 No.	6000	357.52	21451.20
13	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
14	Restubbing of Kana	Per Ha.	0.25	26836.00	6709.00
15	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
16	Repair of Barbed Wire	L/s			5000.00
17	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				73045.06
	2nd Year Maintenance				
1	Cost of raising plants for 15% replacement	1 No.	150	20.00	3000.00
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	21.6	59.63	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	27.47	296.68
4	Loading & Unloading of Plants	1 No.	75	2.46	184.50
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	75	131.20	98.40
7	Re-Planting to plants	100 No.	75	229.09	171.82
8	Spot Irrigation	100 No.	75	205.00	153.75
9	Weeding & Hoeing (Twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Pruning to Plants	100 No.	100	387.61	387.61
13	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
14	Repair of Barbed Wire	L/s			5000.00
15	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				45880.96
	3rd Year Maintenance				
1	Cost of raising plants for 10% replacement	1 No.	100	20.00	2000.00
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m3	10	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	27.47	197.78
4	Loading & Unloading of Plants	1 No.	100	2.46	246.00



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5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	100	1.00	100.00
6	Spreading of plants pit to pit	100 No.	100	131.20	131.20
7	Re-Planting to plants	100 No.	100	229.09	229.09
8	Spot Irrigation	100 No.	100	205.00	205.00
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Pruning to Plants 20%	100 No.	200	387.61	775.22
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
Sub Total					42683.63
4th Year Maintenance					
1	Cost of raising plants for 5% replacement	1 No.	50	20.00	1000.00
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	27.47	197.78
4	Loading & Unloading of Plants	1 No.	50	2.46	123.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	50	1.00	50.00
6	Spreading of plants pit to pit	100 No.	50	131.20	65.60
7	Re-Planting to plants	100 No.	50	229.09	114.54
8	Spot Irrigation	100 No.	50	205.00	102.50
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (4 Times)	100 No.	4000	205.00	8200.00
11	Pruning to Plants 30%	100 No.	300	387.61	1162.83
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
Sub Total					39565.59
5th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
6th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
7th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60

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Sri Muktsar Sahib

8th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
9th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
10th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
Total					423457.89
Over Head expenses 5%					21172.89
Wage Enhancement @ 10%					42345.79
G. Total					486976.58
Or say					486977
					Per plant 487
1	Cost of Compensatory Afforestation $0.0106 \times 2500 = 26$ plants but minimum 100 plants @ 487/- Rs.			CA	48700.00
2	NPV OF 'area $0.0106(106.41) \times 626000$			NPV	6665.00
3				Total(1+2)	55365.00
4	Entry Point Activities(10%)(1+2)				5537.00
G.Total(3+4)					60902.00


 Divisional Forest Officer,
 Muktsar Forest Division,
 Shri Muktsar Sahib

I/257461/2021

**Government of Punjab
Department of Forests & Wildlife Preservation
O/o Principal Chief Conservator of Forests(HoFF)
Forest Complex, Sector 68, SAS Nagar
(FCA Branch)**

To

Dated 29/09/2021

Divisional Forest Officer,
Sri Mukatsar Sahib.

Subject: Diversion of 0.007 ha of forest land for construction of approach road for proposed Retail Outlet of M/s Indian Oil Corporation Ltd at Village Chibranwali on road Mukatsar-Abohar road KM 13-14 L/s Under Forest Division and Distt. Sri Mukatsar Sahib, Punjab (FP/PB/Approach/121209/2021/

The Stage-I approval was accorded to the proposal vide letter no. **File No.FOREST-FCA0FC1M/7/2021-FCAI/2021** dated 27.05.2021 Divisional Forest Officer **Sri Mukatsar Sahib** has reported vide letter no. 2088 dated 05.07.2021 that the User Agency has deposited the cost of C.A, NPV, and cost of equivalent non forest land as per the In-principle approval. A Certificate has also been submitted by DFO that none of the provisions of **Acts/Rules/Guidelines and circulars** of Govt. of India/State Govt. is violated.

The Nodal Officer FCA has been authorized by the State Government to issue **Final Approval** vide e-office file no. 72024 After careful examination of the proposal under General Approval issued by Govt. of India vide letters No F.No 5-2/2017-FC dated 28.03.2019 and "**Stage-II approval**" is hereby conveyed for diversion of 0.007 ha. of forest land for the above mentioned proposal on following conditions:-

- i. The NOC is issued for non-forestry use of 0.007 ha. of forest area only. The User Agency under no circumstances shall exceed the area limit either while in the process of development or anytime in future.
- ii. Legal status of the diverted forest land shall remain unchanged.
- iii. No trees will be felled in this case.
- iv. The Compensatory Afforestation is proposed to be raised over 0.100 ha. of Compartment No Alamwala Kassi RD 15-40 B/s in Mukatsar Range as per proposed scheme, at a cost of 48700/- (Rupees Forty Eight Thousand Seven Hundred only) provided by the user agency.
- v. Light crown trees may be planted on the entire periphery of the petrol pump at a distance of 1.5 meter from the wall and the distance between two trees will be 1.00 to 1.5 meter.

1/257461/2021

- vi. This permission is valid for 15 years i.e. upto 28.09.2036 and thereafter a fresh permission for the user of said forest land will be taken from Government of India.
- vii. No damage will be done to the adjoining forest land.
- viii. The forest land shall not be used for any purpose other than that specified in the proposal and shall under no circumstances, be transferred to any one without prior approval of the Central/State Government.
- ix. The User Agency shall pay additional amount of NPV as and when increased in compliance to any such order of Hon'ble Supreme Court of India.
- x. Muck disposal should be taken up as per the scheme approved by the Forest Department.
- xi. The required soil conservation measures should be taken up by the User Agency for which fund should be provided as per the current rate of works.
- xii. The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required.
- xiii. No labour camp shall be established on the forest land.
- xiv. The User Agency shall provide firewood preferably alternate fuels to the laborers and the staff working at the site so as to avoid any damage and pressure on the nearby forest area.
- xv. The boundary of the diverted forest land shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar.
- xvi. The User Agency shall ensure that because of this project, no damage is caused to the wildlife available in the area.
- xvii. Any other condition that the Forest Department, Punjab may stipulate, from time to time, in the interest of conservation, protection and development of forests & Wildlife.
- xviii. The User Agency shall submit the annual self-compliance report in respect of the above conditions to the State Government and to the Regional Office regularly.
- xix. The User Agency and the DFO shall ensure compliance all provisions of Acts, Rules, Regulations and Guidelines for the time being in force

1/257461/2021

and as applicable to the project.

2. The Forest Department may revoke/suspend the NOC if implementation of any of the above conditions is not satisfactory. Divisional Forest Officer will ensure fulfillment of these conditions through Forest Department.

ADDL PRINCIPAL CHIEF CONSERVATOR OF FORESTS-CUM-NODAL
OFFICER (FCA)
29/09/2021

Copy to:-

1. Financial Commissioner (Forest) Government of Punjab, Department of Forests & Wildlife Preservation, Chandigarh.
2. Deputy Director General of Forests (C), Ministry of Environment, Forests and Climate Change, Bays No. 24-25, Sector 31-A, Chandigarh.
3. Member Secretary, Punjab Pollution Control Board, Nabha road Patiala.
4. Member Secretary, SEIAA, State Level Environment Impact Assessment, Science & Technology, MGSIPA, Sector-26 Chandigarh.
5. Conservator of Forests, Ferozepur Circle, Ferozepur.
6. M/s Indian Oil Corporation Ltd. Mansa Road, Phoos Mandi Bathinda, Punjab.

Division of 0.007 Hectare forest land for construction of approach road for proposed Retail Outlet at Village Chibranwali on road Muktsar -Abohar road km 13-14 L/s Distt. Muktsar under Forest Division Sri Muktsar Sahib FP/PB/Approach/121209/2021

Plantation Model For Standard Plantation under Compensatory Afforestation
Plants Per Hectare : 1000 Nos. **Wage Rate Rs. 328**

Land bank :- Alamwala Kassi RD 15-40 B/s					
Sr. No.		Unit	Qty.	Unit Cost (in Rs.)	Amount
Nursery					
	Nursery cost of raising plants	1100	1100	20.00	22000.00
A Soil Work					
1	Site / Jungle Clearance (25%)	Ha.	0.5	5367.22	2683.61
2	Alignment & Dagbaling	Ha.	1	984.00	984.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	101.38	10138.00
5	Kana Stubbing 25%	Ha.	0.25	26836.00	6709.00
B Plantation Work					
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	2747.00	2060.25
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	550.00	6050.00
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	196.80	2164.80
4	i) Carriage from site to site	100 No.	1000	131.20	1312.00
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	984.00	9840.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	205.00	2050.00
6	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
7	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
8	Weeding & Hoeing 3 Times	100 No.	3000	357.52	10725.60
9	Hand Watering (12 Times)	100 No.	12000	205.00	24600.00
10	Replanting of Plants 10%	100 No.	100	579.11	579.11
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Covering (25% plants) of plants	100 No.	250	295.20	738.00
13	Uncovering of plants	100 No.	250	32.80	82.00
14	Restubbing of Kana (1 Time)		0.25	26836.30	6709.08
15	Laying out & fixing of Barbed Wire	L/s			7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
17	Material				
	i) Insecticides / Fertilizers	L/s			5000.00
	ii) POL	L/s			5000.00
	iii) Barbed Wire	L/s			50000.00
Sub Total					186465.05
Maintenance 1 Year					
1	Cost of raising plants for 30% replacement	1 No.	300	20.00	6000.00
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	59.63	1341.68
3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	27.47	618.08

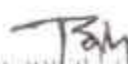
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 Muktsar Forest Division
 Sri Muktsar Sahib

4	Loading & Unloading of Plants	1 No.	300	2.46	738.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)	100 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	165	131.20	216.48
7	Re-Planting to plants	100 No.	165	329.08	542.98
8	Spot Irrigation	100 No.	165	205.00	338.25
9	Weeding & Hoeing (three)	100 No.	3000	357.52	10725.60
10	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
11	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
12	Hand Watering (6 Times)	100 No.	6000	357.52	21451.20
13	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
14	Restubbing of Kana	Per Ha.	0.25	26836.00	6709.00
15	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
16	Repair of Barbed Wire	L/s			5000.00
17	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				73045.06
	2nd Year Maintenance				
1	Cost of raising plants for 15% replacement	1 No.	150	20.00	3000.00
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	21.6	59.63	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	27.47	296.68
4	Loading & Unloading of Plants	1 No.	75	2.46	184.50
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	75	131.20	98.40
7	Re-Planting to plants	100 No.	75	229.09	171.82
8	Spot Irrigation	100 No.	75	205.00	153.75
9	Weeding & Hoeing (Twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Pruning to Plants	100 No.	100	387.61	387.61
13	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
14	Repair of Barbed Wire	L/s			5000.00
15	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				45880.96
	3rd Year Maintenance				
1	Cost of raising plants for 10% replacement	1 No.	100	20.00	2000.00
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m3	10	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	27.47	197.78
4	Loading & Unloading of Plants	1 No.	100	2.46	246.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	100	1.00	100.00

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Divisional Forest Officer
Muktar Forest Division
Sri Muktar Sahib

6	Spreading of plants pit to pit	100 No.	100	131.20	131.20
7	Re-Planting to plants	100 No.	100	229.09	229.09
8	Spot Irrigation	100 No.	100	205.00	205.00
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Pruning to Plants 20%	100 No.	200	387.61	775.22
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				42683.63
	4th Year Maintenance				
1	Cost of raising plants for 5% replacement	1 No.	50	20.00	1000.00
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	27.47	197.78
4	Loading & Unloading of Plants	1 No.	50	2.46	123.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	50	1.00	50.00
6	Spreading of plants pit to pit	100 No.	50	131.20	65.60
7	Re-Planting to plants	100 No.	50	229.09	114.54
8	Spot Irrigation	100 No.	50	205.00	102.50
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (4 Times)	100 No.	4000	205.00	8200.00
11	Pruning to Plants 30%	100 No.	300	387.61	1162.83
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				39565.59
	5th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	6th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	7th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60


 District Forest Officer
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 Muktesar Sahyadri

	8th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	9th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	10th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	Total				423457.89
	Over Head expenses 5%				21172.89
	Wage Enhancement @ 10%				42345.79
	G. Total				486976.58
	Or say				486977
				Per plant	487
1	Cost of Compensatory Afforestation minimum 100 plants planted @ 487/- Rs.			CA	48700.00
2	NPV OF 'area 0.007*626000			NPV	4382.00
3				Total(1+2)	53082.00
4	Entry Point Activities(10%)(1+2)				5308
	G.Total(3+4)			Grand Total	58390


 Divisional Forest Officer,
 Muktsar Forest Division
 Shri Muktsar Sahib 

I/263077/2021

**Government of Punjab
Department of Forests & Wildlife Preservation
O/o Principal Chief Conservator of Forests(HoFF)
Forest Complex, Sector 68, SAS Nagar
(FCA Branch)**

To

Dated 08/10/2021

Divisional Forest Officer,
Sri Mukatsar Sahib.

Subject: Diversion of 0.04455 ha of forest land for proposed M/s HSD Retail Outlet Dealership of M/s Hindustan Petroleum Corporation Limited at Village Painchan Wali, (Fazilka WML) on Fazilka-Malout Road KM 48-9 R/s Tehsil Fazilka Under Forest Division and Distt. Sri Mukatsar Sahib, Punjab (FP/PB/Approach/ 64247/ 2020/

The Stage-I approval was accorded to the proposal vide letter no File No.FOREST-FCA0FC1M/6/2021-FCA I/190564/2021 dated 01.06.2021 Divisional Forest Officer Sri Mukatsar Sahib has reported vide letter no. 4679 dated 30.09.2021 that the User Agency has deposited the cost of C.A, NPV, and cost of equivalent non forest land as per the Stage-1 approval. A Certificate has also been submitted by DFO that none of the provisions of **Acts/Rules/Guidelines and circulars** of Govt. of India/State Govt. is violated.

The Nodal Officer, FCA has been authorized by the State Government to issue **Stage-II Approval** vide e-office file no. 72024 After careful examination of the proposal under General Approval issued by Govt. of India vide letters No F.No 5-2/2017-FC dated 28.03.2019 and "**Stage-II approval**" is hereby conveyed for diversion of 0.04455 ha. of forest land for the above mentioned proposal on following conditions:-

- i. The NOC is issued for non-forestry use of 0.04455 ha. of forest area only. The User Agency under no circumstances shall exceed the area limit either while in the process of development or anytime in future.
- ii. Legal status of the diverted forest land shall remain unchanged.
- iii. 01 tree will be felled in this case.
- iv. The Compensatory Afforestation is proposed to be raised over 0.112 ha. of Compartment No Kotli Kassi RD 0-CB Drain R/s in Mukatsar Range Distt Sri Mukatsar Sahib as per proposed scheme, at a cost of 54544/- (Rupees Fifty Four Thousand Five Hundred Forty Four only) provided by the User Agency.

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- v. Light crown trees may be planted on the entire periphery of the petrol pump at a distance of 1.5 meter from the wall and the distance between two trees will be 1.00 to 1.5 meter.
- vi. This permission is valid for 15 years i.e. upto 08.10.2036 and thereafter a fresh permission for the user of said forest land will be taken from Government of India.
- vii. No damage will be done to the adjoining forest land.
- viii. The forest land shall not be used for any purpose other than that specified in the proposal and shall under no circumstances, be transferred to any one without prior approval of the Central/State Government.
- ix. The User Agency shall pay additional amount of NPV as and when increased in compliance to any such order of Hon'ble Supreme Court of India.
- x. Muck disposal should be taken up as per the scheme approved by the Forest Department.
- xi. The required soil conservation measures should be taken up by the User Agency for which fund should be provided as per the current rate of works.
- xii. The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required.
- xiii. No labor camp shall be established on the forest land.
- xiv. The User Agency shall provide firewood preferably alternate fuels to the laborers and the staff working at the site so as to avoid any damage and pressure on the nearby forest area
- xv. The boundary of the diverted forest land shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar.
- xvi. The User Agency shall ensure that because of this project, no damage is caused to the wildlife available in the area.
- xvii. Any other condition that the Forest Department, Punjab may stipulate, from time to time, in the interest of conservation, protection and development of forests & Wildlife
- xviii. The User Agency shall submit the annual self-compliance report in respect of the above conditions to the State Government and to the

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- Regional Office regularly.
- xix. The User Agency and the DFO shall ensure compliance all provisions of Acts, Rules, Regulations and Guidelines for the time being in force and as applicable to the project.

2. The Forest Department may revoke/suspend the NOC if implementation of any of the above conditions is not satisfactory. Divisional Forest Officer will ensure fulfillment of these conditions through Forest Department..

Praveen Kumar Ifs
ADDL PRINCIPAL CHIEF CONSERVATOR OF FORESTS-CUM-NODAL
OFFICER (FCA)

Copy to:-

1. Additional Chief Secretary (Forest). Government of Punjab, Department of Forests & Wildlife Preservation, Chandigarh.
2. Deputy Director General of Forests (C), Ministry of Environment, Forests and Climate Change, Bays No. 24-25, Sector 31-A, Chandigarh.
3. Member Secretary, Punjab Pollution Control Board, Nabha road Patiala.
4. Member Secretary, SEIAA, State Level Environment Impact Assessment, Science & Technology, MGSIPA, Sector-26 Chandigarh.
5. Conservator of Forests, Ferozepur Circle,
6. M/s Hindustan Petroleum Corporation Ltd. Mansa Road, Phoos Mandi Bathinda, Punjab.


Diversion of 0.04455 Ha. of Forest Land for Proposed MS/HSD Retail outlet dealership of Hindustan Petroleum Corporation Limited at Village Painchan Wali, (Fazilka WML) on Fazilka - Malout Road, km 48-49 R/S Tehsil Fazilka, Distt. Fazilka. Under Forest Division Sri Muktsar Sahib.

Plantation Model For Standard Plantation under Compensatory Afforestation
Plants Per Hectare : 1000 Nos. **Wage Rate Rs. 328**


Land bank :-Kotli kassi RD D-C.B drain R/S					
Sr. No.		Unit	Qty.	Unit Cost (in Rs.)	Amount
Nursery					
	Nursery cost of raising plants	1100	1100	20.00	22000.00
A Soil Work					
1	Site / Jungle Clearance (25%)	Ha.	0.5	5367.22	2683.61
2	Alignment & Dagbaling	Ha.	1	984.00	984.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	101.38	10138.00
5	Kana Stubbing 25%	Ha.	0.25	26836.00	6709.00
B Plantation Work					
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	2747.00	2060.25
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	550.00	6050.00
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	196.80	2164.80
4	i) Carriage from site to site	100 No.	1000	131.20	1312.00
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	984.00	9840.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	205.00	2050.00
6	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
7	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
8	Weeding & Hoeing 3 Times	100 No.	3000	357.52	10725.60
9	Hand Watering (12 Times)	100 No.	12000	205.00	24600.00
10	Replanting of Plants 10%	100 No.	100	579.11	579.11
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Covering (25% plants) of plants	100 No.	250	295.20	738.00
13	Uncovering of plants	100 No.	250	32.80	82.00
14	Restubbing of Kana (1 Time)		0.25	26836.30	6709.08
15	Laying out & fixing of Barbed Wire	L/s			7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
17	Material				
	i) Insecticides / Fertilizers	L/s			5000.00
	ii) POL	L/s			5000.00
	iii) Barbed Wire	L/s			50000.00
	Sub Total				186465.05
Maintenance 1 Year					
1	Cost of raising plants for 30% replacement	1 No.	300	20.00	6000.00
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	59.63	1341.68

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 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib


3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	27.47	618.08
4	Loading & Unloading of Plants	1 No.	300	2.46	738.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)	100 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	165	131.20	216.48
7	Re-Planting to plants	100 No.	165	329.08	542.98
8	Spot Irrigation	100 No.	165	205.00	338.25
9	Weeding & Hoeing (three)	100 No.	3000	357.52	10725.60
10	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
11	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
12	Hand Watering (6 Times)	100 No.	6000	357.52	21451.20
13	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
14	Restubbing of Kana	Per Ha.	0.25	26836.00	6709.00
15	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
16	Repair of Barbed Wire	L/s			5000.00
17	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				73045.06
	2nd Year Maintenance				
1	Cost of raising plants for 15% replacement	1 No.	150	20.00	3000.00
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	21.6	59.63	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	27.47	296.68
4	Loading & Unloading of Plants	1 No.	75	2.46	184.50
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	75	131.20	98.40
7	Re-Planting to plants	100 No.	75	229.09	171.82
8	Spot Irrigation	100 No.	75	205.00	153.75
9	Weeding & Hoeing (Twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Pruning to Plants	100 No.	100	387.61	387.61
13	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
14	Repair of Barbed Wire	L/s			5000.00
15	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				45880.96
	3rd Year Maintenance				
1	Cost of raising plants for 10% replacement	1 No.	100	20.00	2000.00
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m3	10	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	27.47	197.78
4	Loading & Unloading of Plants	1 No.	100	2.46	246.00


 Divisional Forest Officer
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5	Carriage of Plants 50 avg. distance upto 10 Km.)				
6	Spreading of plants pit to pit	100 No.	100	1.00	100.00
7	Re-Planting to plants	100 No.	100	131.20	131.20
8	Spot Irrigation	100 No.	100	229.09	229.09
9	Weeding & Hoeing (twice)	100 No.	100	205.00	205.00
10	Hand Watering (5 Times)	100 No.	2000	357.52	7150.40
11	Pruning to Plants 20%	100 No.	5000	205.00	10250.00
12	Watch & Ward for every 10 Ha.	100 No.	200	387.61	775.22
13	Repair of Barbed Wire	Man Year	1/10 Man Yr.	8528.00	5969.60
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				5000.00
					42683.63
4th Year Maintenance					
1	Cost of raising plants for 5% replacement				
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 No.	50	20.00	1000.00
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	5	5963.00	429.34
4	Loading & Unloading of Plants	1 m3	3.75	27.47	197.78
5	Carriage of Plants 50 avg. distance upto 10 Km.)	1 No.	50	2.46	123.00
6	Spreading of plants pit to pit	100 No.	50	1.00	50.00
7	Re-Planting to plants	100 No.	50	131.20	65.60
8	Spot Irrigation	100 No.	50	229.09	114.54
9	Weeding & Hoeing (twice)	100 No.	50	205.00	102.50
10	Hand Watering (4 Times)	100 No.	2000	357.52	7150.40
11	Pruning to Plants 30%	100 No.	4000	205.00	8200.00
12	Watch & Ward for every 10 Ha.	100 No.	300	387.61	1162.83
13	Repair of Barbed Wire	Man Year	1/10 Man Yr.	8528.00	5969.60
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				39565.59
5th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
6th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
7th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60


 Divisional Forest Officer,
 Muktsar Forest Division
 Sri Muktsar Sahib

8th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
9th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
10th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
Total					423457.89
Over Head expenses 5%					21172.89
Wage Enhancement @ 10%					42345.79
G. Total					486976.58
Or say					486977
				Per plant	487
1	Cost of Compensatory Afforestation $0.04455 \times 2500 = 112$ plants @ 487/- Rs.			CA	54544.00
2	NPV OF 'area 0.04455×626000			NPV	27890.00
3	Entry Point activities(10% On Compensatory afforestation)			EPA	5455.00
Grand Total(1+2+3)				Grand Total	87889.00


 Divisional Forest Officer,
 Muktsar Forest Division,
 Shri Muktsar Sahib



भारत सरकार
GOVERNMENT OF INDIA
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
एकीकृत क्षेत्रीय कार्यालय, चंडीगढ़ / Integrated Regional Office,
Chandigarh



मिसिल संख्या :- 9-PBB363/2021-CHA

दिनांक :27-10-2021

संवा में,

अतिरिक्त मुख्य सचिव (वन),
पंजाब सरकार, लघु सचिवालय,
सेक्टर-9, चण्डीगढ़।
(fcf@punjab.gov.in)

विषय:- Diversion of 0.098 ha of forest land in favour of Indian Oil Corporation Ltd., for construction of approach road to proposed retail outlet of IOCL at Village Midda, Malouto-Fazilka road km. 17-18 L/side, Tehsil Malout, under Forest Division and District Sri Muktsar Sahib, Punjab (Online proposal No. FP/PB/Approach/123395/2021)-regarding

संदर्भ (i) State Government online proposal received on dated 27.05.2021.

(ii) नोडल अधिकारी के पत्र संख्या FOREST-FCA0FC1M/17/2021-FCA दिनांक 09.10.2021.

सहोदय,

कृपया उपर्युक्त विषय में संदर्भित पत्र का अवलोकन करें जिसमें वन (संरक्षण) अधिनियम, 1980 की धारा- 2 के अधीन केन्द्रीय सरकार की अनुमति मांगी गई है। इस प्रस्ताव में इस कार्यालय के सम्मंखक पत्र दिनांक 01.06.2021 द्वारा सैधांतिक स्वीकृति प्रदान की गई थी जिसकी अनुपालना रिपोर्ट नोडल अधिकारी के पत्र संख्या FOREST-FCA0FC1M/17/2021-FCA दिनांक 09.10.2021 (ऑनलाइन पोर्टल) द्वारा प्राप्त होने के उपरान्त केन्द्र सरकार द्वारा उपर्युक्त उद्देश्य हेतु 0.098 हेक्टेयर वन भूमि के उपयोग हेतु स्वीकृति निम्नलिखित शर्तें पूरी करने पर प्रदान की जाती है:-

- वन भूमि की विधिक परिस्थिति बदली नहीं जाएगी।
- प्रस्ताव के अनुसार कम से कम वृक्ष काटे जायेंगे और काटे जाने वाले वृक्षों की संख्या 13 से अधिक नहीं होगी।
- प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार Alamwala Kassi RD 15-40 B/side in Muktsar Range of District Muktsar, में प्रयोक्ता एजेंसी से प्राप्त 1,19,315/- रुपये (Rupees one lakh nineteen thousand three hundred & fifteen only) की राशि में 0.245 हेक्टेयर वन क्षेत्र में पौधे लगाकर किया जायेगा।
- प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
- राज्य सरकार प्रयोक्ता एजेंसी को वन भूमि को गैर वानिकी कार्यों के लिए हस्तान्तरण से पूर्व स्वीकृत प्रतिपूर्ति पौधारोपण (CA) क्षेत्र की KML फाइल को भारतीय वन सर्वेक्षण (FSI) के E-Green Watch पोर्टल पर अपलोड करना सुनिश्चित करेगी।
- यह अनुमति 15 वर्षों के लिए वैध होगी, इसके उपरान्त पुनः यह अनुमति भारत सरकार से प्राप्त करनी होगी।
- वन भूमि का प्रयोग प्रस्ताव में दर्शाये गये उद्देश्य के अलावा किसी अन्य उद्देश्य के लिये नहीं किया जायेगा।
- जब कभी भी NPV की राशि बढ़ाई जायेगी तो उस बड़ी हुई NPV की राशि को जमा करने के लिए प्रयोक्ता एजेंसी बाध्य होगी।
- पेट्रोल पम्प की पूरी परिधि (Periphery) पर दिवार से 1.5 मीटर जगह छोड़कर 1.0 से 1.5 मीटर के अन्तराल पर Light Crown पेड़ों का वृधारोपण किया जाये।

- x. प्रयोक्ता एजेंसी द्वारा पंहुत मार्ग (Entry/Exit Or Deceleration/Acceleration) व विभाजक द्वीप (Separator Island) पर भी परीक्षण किया जायेगा तथा इस विभाजक द्वीप का कोई भी व्यापारिक उपयोग नहीं किया जायेगा।
 - xi. माथ लगते वन और वन भूमि को किमी तर्ज का कोई तुकमान नहीं पंहुचाया जायेगा और माथ लगते हुए वन और वन भूमि को बचाने के लिये सभी प्रयत्न किये जायेंगे।
 - xii. स्थानान्तरण के लिए प्रस्तावित वन भूमि को केंद्रीय सरकार की पूर्व अनुमति के बिना किसी भी परिस्थिति में किमी अन्य एजेंसी, विभाग या व्यक्ति विशेष को हस्तांतरित नहीं किया जायेगा।
 - xiii. केंद्रीय सरकार की अनुमति के बिना प्रस्ताव की ले आउट प्लान को बदला नहीं जायेगा।
 - xiv. कूड़ा कर्कट निपटारा जारी योजना के अनुसार किया जायेगा।
 - xv. अन्य कोई भी शर्त इस क्षेत्रीय कार्यालय द्वारा वन तथा वन्य जीवों के संरक्षण, सुरक्षा तथा विकास हेतु समय - समय पर लगाई जा सकती है।
 - xvi. यदि आवश्यक हो तो प्रयोक्ता एजेंसी पर्यावरण (सुरक्षा) अधिनियम 1986, के अनुसार पर्यावरण अनुमति प्राप्त करेगी।
 - xvii. इनमें से किमी भी शर्त का उल्लंघन वन संरक्षण अधिनियम, 1980 का उल्लंघन होगा तथा पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय के दिशानिर्देशों 1.21 के अनुसार कार्यवाही की जायेगी।
 - xviii. यदि कोई अन्य सम्बंधित अधिनियम/अनुच्छेद/नियम/न्यायालय आदेश/अनुदेश आदि इस प्रस्ताव पर लागू होते हैं तो उनके अधीन जरूरी अनुमति लेना राज्य सरकार की जिम्मेवारी होगी।
2. मंत्रालय इस स्वीकृति को स्थगित/रद्द कर सकता है यदि उपरोक्त शर्तों में से किमी भी शर्त का कार्यान्वयन सन्तोषप्रद नहीं है। राज्य सरकार वन विभाग के माध्यम से इन शर्तों का पालन सुनिश्चित करेगी।

भवदीय,

हस्ता/-
(सी०डी०सिंह)
क्षेत्रीय अधिकारी MoEF&CC

प्रतिनिधि:-

1. अपर वन महानिदेशक (वन), पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, इन्द्रा पर्यावरण भवन, जोर बाग, अलीगंज, नई दिल्ली | (adgfc-mef@nic.in)
2. प्रधान मुख्य वन संरक्षक, पंजाब, फॉरेस्ट कॉम्प्लेक्स, नै०-68, एम० ए० एस० नगर, मोहाली, पंजाब | (pccfpunjab@gmail.com)
3. अतिरिक्त प्रधान मुख्य वन संरक्षक एवं नोडल ऑफिसर, पंजाब, फॉरेस्ट कॉम्प्लेक्स, नै० 68, एम० ए० नगर, मोहाली, पंजाब | (fcaforest@gmail.com)
4. वन मण्डल अधिकारी, वन मण्डल और जिला श्री मुक्तसर साहिब, पंजाब | (dfomks@gmail.com)
5. Indian Corporation Limited, Bathinda Divisional Office, Phoose Mandi, Mansa Road, Bathinda (nipun0123987@gmail.com)

Signed by C D Singh


Date: 27-10-2021 13:12:39

Reason: Approved


Diversion of 0.098 Hectare forest land for construction of approach road for proposed Retail Outlet at Village Midla, Malout-Fazilka road km 17-18 L/s IOCL, Jeth. Malout Distt. Muktsar under Forest Division Sri Muktsar Sahib.

Plantation Model For Standard Plantation under Compensatory Afforestation
Plants Per Hectare : 1000 Nos. **Wage Rate Rs. 328**

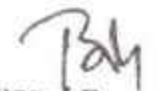
Land bank :- Alamwala Khaal RD 15-40 B/s					
Sr. No.		Unit	Qty.	Unit Cost (In Rs.)	Amount
Nursery					
	Nursery cost of raising plants	1100	1100	20.00	22000.00
A Soil Work					
1	Site / Jungle Clearance (25%)	Ha.	0.5	5367.22	2683.61
2	Alignment & Dagbaling	Ha.	1	984.00	984.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	101.38	10138.00
5	Kana Stubbing 25%	Ha.	0.25	26836.00	6709.00
B Plantation Work					
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	2747.00	2060.25
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	550.00	6050.00
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	196.80	2164.80
4	i) Carriage from site to site	100 No.	1000	131.20	1312.00
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	984.00	9840.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	205.00	2050.00
6	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
7	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
8	Weeding & Hoeing 3 Times	100 No.	3000	357.52	10725.60
9	Hand Watering (12 Times)	100 No.	12000	205.00	24600.00
10	Replanting of Plants 10%	100 No.	100	579.11	579.11
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Covering (25% plants) of plants	100 No.	250	295.20	738.00
13	Uncovering of plants	100 No.	250	32.80	82.00
14	Restubbing of Kana (1 Time)		0.25	26836.30	6709.08
15	Laying out & fixing of Barbed Wire	L/s			7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
17	Material				5000.00
	i) Insecticides / Fertilizers	L/s			5000.00
	ii) POL	L/s			50000.00
	iii) Barbed Wire	L/s			
Sub Total					186465.05
Maintenance 1 Year					
1	Cost of raising plants for 30% replacement	1 No.	300	20.00	6000.00
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	59.63	1341.68
3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	27.47	618.08


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4	Loading & Unloading of Plants	1 No.	300	2.46	738.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)	100 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	165	131.20	216.48
7	Re-Planting to plants	100 No.	165	329.08	542.98
8	Spot Irrigation	100 No.	165	205.00	338.25
9	Weeding & Hoeing (three)	100 No.	3000	357.52	10725.60
10	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
11	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
12	Hand Watering (6 Times)	100 No.	6000	357.52	21451.20
13	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
14	Restubbing of Kana	Per Ha.	0.25	26836.00	6709.00
15	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
16	Repair of Barbed Wire	L/s			5000.00
17	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
Sub Total					73045.06
2nd Year Maintenance					
1	Cost of raising plants for 15% replacement	1 No.	150	20.00	3000.00
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	21.6	59.63	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	27.47	296.68
4	Loading & Unloading of Plants	1 No.	75	2.46	184.50
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	75	131.20	98.40
7	Re-Planting to plants	100 No.	75	229.09	171.82
8	Spot Irrigation	100 No.	75	205.00	153.75
9	Weeding & Hoeing (Twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Pruning to Plants	100 No.	100	387.61	387.61
13	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
14	Repair of Barbed Wire	L/s			5000.00
15	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
Sub Total					45880.96
3rd Year Maintenance					
1	Cost of raising plants for 10% replacement	1 No.	100	20.00	2000.00
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m3	10	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	27.47	197.78
4	Loading & Unloading of Plants	1 No.	100	2.46	246.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	100	1.00	100.00


 Divisional Forest Officer
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6	Spreading of plants pit to pit	100 No.	100	131.20	131.20
7	Re-Planting to plants	100 No.	100	229.09	229.09
8	Spot Irrigation	100 No.	100	205.00	205.00
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Pruning to Plants 20%	100 No.	200	387.61	775.22
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				42683.63
4th Year Maintenance					
1	Cost of raising plants for 5% replacement	1 No.	50	20.00	1000.00
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	27.47	197.78
4	Loading & Unloading of Plants	1 No.	50	2.46	123.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	50	1.00	50.00
6	Spreading of plants pit to pit	100 No.	50	131.20	65.60
7	Re-Planting to plants	100 No.	50	229.09	114.54
8	Spot Irrigation	100 No.	50	205.00	102.50
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (4 Times)	100 No.	4000	205.00	8200.00
11	Pruning to Plants 30%	100 No.	300	387.61	1162.83
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				39565.59
5th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
6th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
7th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
8th Year Maintenance					


 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib

1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
9th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
10th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	Total				423457.89
	Over Head expenses 5%				21172.89
	Wage Enhancement @ 10%				42345.79
	G. Total				486976.58
	Or say				486977
				Per plant	487
1	Cost of Compensatory Afforestation $0.098 \times 2500 = 245$ plants but minimum 100 plants @ 487/- Rs.			CA	119315.00
2	NPV OF 'area 0.098×8.03 lac			NPV	78694.00
3	EPA 10% CA				11932.00
	G.Total(1+2+3)				209941.00


 Divisional Forest Officer,
 Muktsar Forest Division,
 Shri Muktsar Sahib

I/274553/2021

Government of Punjab
Department of Forests & Wildlife Preservation
O/o Principal Chief Conservator of Forests(HoFF)
Forest Complex, Sector 68, SAS Nagar
(FCA Branch)

To

Dated 09/11/2021

Divisional Forest Officer,
Sri Mukatsar Sahib.

Subject: Diversion of 0.00227 ha (instead of 0.0043 ha) of forest land for construction of approach access to the proposed M/s/HSD a Site Kisan seva Kendra retail outlet M/s Indian Oil Corporation Limited at Village Kularan on Sito Kularan Dode wala link road KM 19-20 L/s Under Forest Division Sri Mukatsar Sahib, Punjab (FP/PB/ Approach/51419/2020/

The Stage-I approval was accorded to the proposal vide letter no File No.FOREST-FCA0FC1M/23/2020-FCA I/206242/2021 dated 22.06.2021 Divisional Forest Officer Sri Mukatsar Sahib has reported vide letter no. 4466 dated 21.09.2021 that the User Agency has deposited the cost of C.A,NPV, and cost of equivalent non forest land as per the Stage-1 approval. A Certificate has also been submitted by DFO that none of the provisions of **Acts/Rules/Guidelines and circulars** of Govt. of India/State Govt. is violated.

The Nodal Officer FCA has been authorized by the State Government to issue **Stage II Approval** vide e-office file no. 72024 After careful examination of the proposal under General Approval issued by Govt. of India vide letters No F.No 5-2/2017-FC dated 28.03.2019 and "**Stage-II approval**" is hereby conveyed for diversion of 0.00227 ha (instead of 0.0043)ha. of forest land for the above mentioned proposal on following conditions:-

- i. The NOC is issued for non-forestry use of 0.00227 ha (instead of 0.0043) ha. of forest area only. The User Agency under no circumstances shall exceed the area limit either while in the process of development or anytime in future.
- ii. Legal status of the diverted forest land shall remain unchanged.
- iii. No trees will be felled in this case.
- iv. The Compensatory Afforestation is proposed to be raised over 0.100 ha. of Compartment No Kotli Kassi RD 0-CB Drain R/s Mukatsar Range Distt Mukatsar Sahib as per proposed scheme, at a cost of 48700/- (Rupees Forty

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Eight Thousand Seven Hundred only) provided by the user agency.

- v. Light crown trees may be planted on the entire periphery of the petrol pump at a distance of 1.5 meter from the wall and the distance between two trees will be 1.00 to 1.5 meter.
- vi. This permission is valid for 15 years i.e. upto 09.11.2036 and thereafter a fresh permission for the user of said forest land will be taken from Government of India.
- vii. No damage will be done to the adjoining forest land.
- viii. The forest land shall not be used for any purpose other than that specified in the proposal and shall under no circumstances, be transferred to any one without prior approval of the Central/State Government.
- ix. The User Agency shall pay additional amount of NPV as and when increased in compliance to any such order of Hon'ble Supreme Court of India.
- x. Muck disposal should be taken up as per the scheme approved by the Forest Department.
- xi. The required soil conservation measures should be taken up by the User Agency for which fund should be provided as per the current rate of works.
- xii. The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required.
- xiii. No labour camp shall be established on the forest land.
- xiv. The User Agency shall provide firewood preferably alternate fuels to the laborers and the staff working at the site so as to avoid any damage and pressure on the nearby forest area
- xv. The boundary of the diverted forest land shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar.
- xvi. The User Agency shall ensure that because of this project, no damage is caused to the wildlife available in the area.
- xvii. Any other condition that the Forest Department, Punjab may stipulate, from time to time, in the interest of conservation, protection and development of

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forests & Wildlife

- xviii. The User Agency shall submit the annual self-compliance report in respect of the above conditions to the State Government and to the Regional Office regularly.
- xix. The User Agency and the DFO shall ensure compliance all provisions of Acts, Rules, Regulations and Guidelines for the time being in force and as applicable to the project.
2. The Forest Department may revoke/suspend the NOC if implementation of any of the above conditions is not satisfactory. Divisional Forest Officer will ensure fulfilment of these conditions through Forest Department..

Praveen Kumar I/s

ADDL PRINCIPAL CHIEF CONSERVATOR OF FORESTS-CUM-NODAL OFFICER
(FCA)

Copy to:-

1. Add. Chief Secretary to the Govt. of Punjab, Department of of Forest and Wildlife Preservation Chandigarh.
2. Deputy Director General of Forests (C), Ministry of Environment, Forests and Climate Change, Bays No. 24-25, Sector 31-A, Chandigarh.
3. Member Secretary, Punjab Pollution Control Board, Nabha road Patiala.
4. Member Secretary SEIAA, State Level Environment Impact Assessment, Science & Technology, MGSIPA, Sector-26 Chandigarh.
5. Conservator of Forests, Ferozepur Circle,
6. M/s Indian Oil Corporation Ltd, Mansa Road, Phoos Mandi Bathinda, Punjab.

Div. of 0.00227 ha. (instead of 0.0043 ha.) of forest land for construction of approach access to the proposed MS/HSD a site kisan seva Kendra retail outlet of IOCL situated at vill. Kularan, on Kularan-Dodewala road, Tehsil Abohar Distt. Fazilka (PB) under Forest division Sri Muktsar Sahib. FP/Pb/approach/51419/2020

Plantation Model For Standard Plantation under Compensatory Afforestation
Plants Per Hectare : 1000 Nos. **Wage Rate Rs. 328**

Land bank :-Kotli kassi RD 0-C.B drain R/S					
Sr. No.		Unit	Qty.	Unit Cost (In Rs.)	Amount
	Nursery				
	Nursery cost of raising plants	1100	1100	20.00	22000.00
A	Soil Work				
1	Site / Jungle Clearance (25%)	Ha.	0.5	5367.22	2683.61
2	Alignment & Dagbaling	Ha.	1	984.00	984.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	101.38	10138.00
5	Kana Stubbing 25%	Ha.	0.25	26836.00	6709.00
B	Plantation Work				
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	2747.00	2060.25
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	550.00	6050.00
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	196.80	2164.80
4	i) Carriage from site to site	100 No.	1000	131.20	1312.00
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	984.00	9840.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	205.00	2050.00
6	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
7	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
8	Weeding & Hoeing 3 Times	100 No.	3000	357.52	10725.60
9	Hand Watering (12 Times)	100 No.	12000	205.00	24600.00
10	Replanting of Plants 10%	100 No.	100	579.11	579.11
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Covering (25% plants) of plants	100 No.	250	295.20	738.00
13	Uncovering of plants	100 No.	250	32.80	82.00
14	Restubbing of Kana (1 Time)		0.25	26836.30	6709.08
15	Laying out & fixing of Barbed Wire	L/s			7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
17	Material				
	i) Insecticides / Fertilizers	L/s			5000.00
	ii) POL	L/s			5000.00
	iii) Barbed Wire	L/s			50000.00
	Sub Total				186465.05
	Maintenance 1 Year				
1	Cost of raising plants for 30% replacement	1 No.	300	20.00	6000.00
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	59.63	1341.68

Tol
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 District Forest Office
 Sri Muktsar Sahib

3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m ³	21.6	27.47	618.08
4	Loading & Unloading of Plants	1 No.	300	2.46	738.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)	100 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	165	131.20	216.48
7	Re-Planting to plants	100 No.	165	329.08	542.98
8	Spot Irrigation	100 No.	165	205.00	338.25
9	Weeding & Hoeing (three)	100 No.	3000	357.52	10725.60
10	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
11	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
12	Hand Watering (6 Times)	100 No.	6000	357.52	21451.20
13	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
14	Restubbing of Kana	Per Ha.	0.25	26836.00	6709.00
15	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
16	Repair of Barbed Wire	L/s			5000.00
17	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				73045.06
	2nd Year Maintenance				
1	Cost of raising plants for 15% replacement	1 No.	150	20.00	3000.00
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m ³	21.6	59.63	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m ³	21.6	27.47	296.68
4	Loading & Unloading of Plants	1 No.	75	2.46	184.50
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	75	131.20	98.40
7	Re-Planting to plants	100 No.	75	229.09	171.82
8	Spot Irrigation	100 No.	75	205.00	153.75
9	Weeding & Hoeing (Twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Pruning to Plants	100 No.	100	387.61	387.61
13	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
14	Repair of Barbed Wire	L/s			5000.00
15	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				45880.96
	3rd Year Maintenance				
1	Cost of raising plants for 10% replacement	1 No.	100	20.00	2000.00
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m ³	10	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m ³	7.5	27.47	197.78
4	Loading & Unloading of Plants	1 No.	100	2.46	246.00

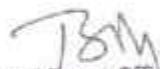

 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib

5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	100	1.00	100.00
6	Spreading of plants pit to pit	100 No.	100	131.20	131.20
7	Re-Planting to plants	100 No.	100	229.09	229.09
8	Spot Irrigation	100 No.	100	205.00	205.00
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Pruning to Plants 20%	100 No.	200	387.61	775.22
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				42683.63
	4th Year Maintenance				
1	Cost of raising plants for 5% replacement	1 No.	50	20.00	1000.00
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	27.47	197.78
4	Loading & Unloading of Plants	1 No.	50	2.46	123.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	50	1.00	50.00
6	Spreading of plants pit to pit	100 No.	50	131.20	65.60
7	Re-Planting to plants	100 No.	50	229.09	114.54
8	Spot Irrigation	100 No.	50	205.00	102.50
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (4 Times)	100 No.	4000	205.00	8200.00
11	Pruning to Plants 30%	100 No.	300	387.61	1162.83
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				39565.59
	5th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	6th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
	7th Year Maintenance				
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60

TSM

Divisional Forest Officer
Muktar Forest Division
Sri Muktar Sahib

8th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
9th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
10th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
Total					423457.89
Over Head expenses 5%					21172.89
Wage Enhancement @ 10%					42345.79
G. Total					486976.58
Or say					486977
				Per plant	487
1	Cost of Compensatory Afforestation minium 100 plants @ 487/- Rs.			CA	48700.00
2	NPV OF 'area 0.00227*626000			NPV	1425.00
				Total(1+2)	50125.00
3					5013.00
4	Entry Point Activities(10%)(1+2)				55138.00
G.Total(3+4)					


 Divisional Forest Officer,
 Muktsar Forest Division,
 Muktsar Sahib,
 Sri Muktsar Sahib

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Government of Punjab
Department of Forests & Wildlife Preservation
O/o Principal Chief Conservator of Forests(HoFF)
Forest Complex, Sector 68, SAS Nagar
(FCA Branch)

T o

Dated 13/12/2021

Divisional Forest Officer,
 Sri Mukatsar Sahib.

Subject: Diversion of 0.0857 ha of forest land for construction of approach road for proposed retail outlet of Indian Oil Corporation Limited at village Killi, Khasra No 8//17/1, CHKM 83,697 R/s, SH-20 on Ferozepur-Fazilka road KM 83-84 R/s Tehsil and Distt. Fazilka Under Forest Division Sri Mukatsar Sahib, Punjab (FP/PB/ Approach/145517/2021/

The Stage-I approval was accorded to the proposal vide letter no File No.FOREST-FCA0FC1M/25/2021-FCAI/272442/2021 dated 02.11.2021 Divisional Forest Officer **Sri Mukatsar Sahib** has reported vide letter no. 5450 dated 17.11.2021 that the User Agency has deposited the cost of C.A,NPV, and cost of equivalent non forest land as per the In-principle approval. A Certificate has also been submitted by DFO that none of the provisions of **Acts/Rules/Guidelines and circulars** of Govt. of India/State Govt. is violated.

The Nodal Officer FCA has been authorized by the State Government to issue **Stage-II Approval** vide e-office file no. 72024 After careful examination of the proposal under General Approval issued by Govt. of India vide letters No F.No 5-2/2017-FC dated 28.03.2019 and "**Stage-II approval**" is hereby conveyed for diversion of 0.0857 ha. of forest land for the above mentioned proposal on following conditions:-

- i. The NOC is issued for non-forestry use of 0.0857 ha. of forest area only. The User Agency under no circumstances shall exceed the area

I/291300/2021

- limit either while in the process of development or anytime in future.
- ii. Legal status of the diverted forest land shall remain unchanged.
 - iii. 10 trees and 01 pole will be felled in this case.
 - iv. The Compensatory Afforestation is proposed to be raised over 0.218 ha. (CA area 0.214 ha and tall plants 2 planted in 0.004 ha) of Compartment Alamwala Kassi RD 15-40 B/s In Mukatsar Rang) Distt Sri Mukatsar Sahib as per proposed scheme, at a cost of 104218/- (Rupees One Lakh Four Thousand Two Hundred Eighteen only) and 1352 (Rupees In Addl. CA One Thousand Three Hundred Fifty Two only) provided by the user agency.
 - v. Light crown trees may be planted on the entire periphery of the petrol pump at a distance of 1.5 meter from the wall and the distance between two trees will be 1.00 to 1.5 meter.
 - vi. This permission is valid for 15 years i.e. upto 06.12.2036 and thereafter a fresh permission for the user of said forest land will be taken from Government of India.
 - vii. No damage will be done to the adjoining forest land.
 - viii. The forest land shall not be used for any purpose other than that specified in the proposal and shall under no circumstances, be transferred to any one without prior approval of the Central/State Government.
 - ix. The User Agency shall pay additional amount of NPV as and when increased in compliance to any such order of Hon'ble Supreme Court of India.
 - x. Muck disposal should be taken up as per the scheme approved by the Forest Department.
 - xi. The required soil conservation measures should be taken up by the User Agency for which fund should be provided as per the current rate of works.
 - xii. The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required.
 - xiii. No labour camp shall be established on the forest land.

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- xiv. The User Agency shall provide firewood preferably alternate fuels to the laborers and the staff working at the site so as to avoid any damage and pressure on the nearby forest area.
- xv. The boundary of the diverted forest land shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar.
- xvi. The User Agency shall ensure that because of this project, no damage is caused to the wildlife available in the area.
- xvii. Any other condition that the Forest Department, Punjab may stipulate, from time to time, in the interest of conservation, protection and development of forests & Wildlife.
- xviii. The User Agency shall submit the annual self-compliance report in respect of the above conditions to the State Government and to the Regional Office regularly.
- xix. The User Agency and the DFO shall ensure compliance to the provisions of all the Acts, Rules, Regulations and Guidelines for the time being in force and as applicable to the project.

2. The Forest Department may revoke/suspend the NOC if implementation of any of the above conditions is not satisfactory. Divisional Forest Officer will ensure fulfillment of these conditions through Forest Department.

ADDL PRINCIPAL CHIEF CONSERVATOR OF FORESTS-CUM-NODAL
OFFICER (FCA)

Copy to:-

1. Deputy Director General of Forests (C), Ministry of Environment, Forests and Climate Change, Bays No. 24-25, Sector 31-A, Chandigarh.
2. Add. Chief Secretary to the Govt. of Punjab, Department of Forest and Wildlife Preservation Chandigarh.
3. Chairman Punjab Pollution Control Board, Nabha road Patiala.
4. Member Secretary SEIAA, State Level Environment Impact

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Assessment, Science & Technology, MGSIPA, Sector-26 Chandigarh.

5. Conservator of Forests, Ferozepur Circle,
6. M/s Indian Oil Corporation Ltd. Mansa Road, Phoos Mandi Bathinda, Punjab.

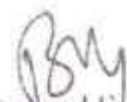
Div. of 0.0857 ha. forest land for construction of approach road for proposed Retail outlet at vill. Killi
 Khasra no. 8/17/1, CHKM 83,697 (RHS) , SH-20, on Ferzopur -Fazilka Road , tehsil & Distt.
 Fazilka (Punjab) FP/PB/Approach/1455/7/2021

Plantation Model For Standard Plantation under Compensatory Afforestation
Plants Per Hectare : 1000 Nos.
Wage Rate Rs. 328

Land bank :- Alamwala Kasal RD 15-40 B/s					
Sr. No.		Unit	Qty.	Unit Cost (In Rs.)	Amount
Nursery					
	Nursery cost of raising plants	1100	1100	20.00	22000.00
A Soil Work					
1	Site / Jungle Clearance (25%)	Ha.	0.5	5367.22	2683.61
2	Alignment & Dagbaling	Ha.	1	984.00	984.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	101.38	10138.00
5	Kana Stubbing 25%	Ha.	0.25	26836.00	6709.00
B Plantation Work					
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	2747.00	2060.25
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	550.00	6050.00
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	196.80	2164.80
4	i) Carriage from site to site	100 No.	1000	131.20	1312.00
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	984.00	9840.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	205.00	2050.00
6	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
7	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
8	Weeding & Hoeing 3 Times	100 No.	3000	357.52	10725.60
9	Hand Watering (12 Times)	100 No.	12000	205.00	24600.00
10	Replanting of Plants 10%	100 No.	100	579.11	579.11
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Covering (25% plants) of plants	100 No.	250	295.20	738.00
13	Uncovering of plants	100 No.	250	32.80	82.00
14	Restubbing of Kana (1 Time)		0.25	26836.30	6709.08
15	Laying out & fixing of Barbed Wire	L/s			7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
17	Material				
	i) Insecticides / Fertilizers	L/s			5000.00
	ii) POL	L/s			5000.00
	iii) Barbed Wire	L/s			50000.00
Sub Total					186465.05
Maintenance 1 Year					
1	Cost of raising plants for 30% replacement	1 No.	300	20.00	6000.00
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	59.63	1341.68


 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib


3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	27.47	618.08
4	Loading & Unloading of Plants	1 No.	300	2.46	738.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)	100 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	165	131.20	216.48
7	Re-Planting to plants	100 No.	165	329.08	542.98
8	Spot Irrigation	100 No.	165	205.00	338.25
9	Weeding & Hoeing (three)	100 No.	3000	357.52	10725.60
10	Application of Insecticide (2 Times)	100 No.	1000	41.00	410.00
11	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
12	Hand Watering (6 Times)	100 No.	6000	357.52	21451.20
13	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
14	Restubbing of Kana	Per Ha.	0.25	26836.00	6709.00
15	Watch & Ward for every 10 Ha. (10 Months)	Man Year	1/10 Man Yr.	8528.00	5969.60
16	Repair of Barbed Wire	L/s			5000.00
17	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				73045.06
	2nd Year Maintenance				
1	Cost of raising plants for 15% replacement	1 No.	150	20.00	3000.00
2	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	21.6	59.63	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	27.47	296.68
4	Loading & Unloading of Plants	1 No.	75	2.46	184.50
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	75	131.20	98.40
7	Re-Planting to plants	100 No.	75	229.09	171.82
8	Spot Irrigation	100 No.	75	205.00	153.75
9	Weeding & Hoeing (Twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Pruning to Plants	100 No.	100	387.61	387.61
13	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
14	Repair of Barbed Wire	L/s			5000.00
15	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				45880.96
	3rd Year Maintenance				
1	Cost of raising plants for 10% replacement	1 No.	100	20.00	2000.00
2	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 m3	10	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	27.47	197.78
4	Loading & Unloading of Plants	1 No.	100	2.46	246.00


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5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	100	1.00	100.00
6	Spreading of plants pit to pit	100 No.	100	131.20	131.20
7	Re-Planting to plants	100 No.	100	229.09	229.09
8	Spot Irrigation	100 No.	100	205.00	205.00
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Pruning to Plants 20%	100 No.	200	387.61	775.22
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				42683.63
4th Year Maintenance					
1	Cost of raising plants for 5% replacement	1 No.	50	20.00	1000.00
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	27.47	197.78
4	Loading & Unloading of Plants	1 No.	50	2.46	123.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	50	1.00	50.00
6	Spreading of plants pit to pit	100 No.	50	131.20	65.60
7	Re-Planting to plants	100 No.	50	229.09	114.54
8	Spot Irrigation	100 No.	50	205.00	102.50
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (4 Times)	100 No.	4000	205.00	8200.00
11	Pruning to Plants 30%	100 No.	300	387.61	1162.83
12	Watch & Ward for every 10 Ha.	Man Year	1/10 Man Yr.	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				39565.59
5th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
6th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60
7th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
	Sub Total				5969.60


 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib

8th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
9th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
10th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Motnts)	Man Year	1/10 Man Yr.	8528.00	5969.60
Sub Total					5969.60
Total					423457.89
Over Head expenses 5%					21172.89
Wage Enhancement @ 10%					42345.79
G. Total					486976.58
Or say					486977
				Per plant	487
1	Cost of Compensatory Afforestation $0.0857 \times 2500 = 214$ plants @ 487/- Rs.			CA	104218.00
2	NPV OF 'area 0.0857×803000			NPV	68817.00
3	ACA pole $1 \times 2 = 2$ tall plants @ 676/-			ACA	1352.00
4	Entry Point Activities (10% on CA)			EPA	10422.00
G.Total				Grand Total	184809


 Divisional Forest Officer,
 Muktsar Forest Division,
 Shri Muktsar Sahib



भारत सरकार
GOVERNMENT OF INDIA
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
एकीकृत क्षेत्रीय कार्यालय, चंडीगढ़ / Integrated Regional Office,
Chandigarh



मिसिल संख्या :- 9-PBC451/2021-CHA

दिनांक 17-12-2021

सेवा में,

अतिरिक्त मुख्य सचिव (वन),
पंजाब सरकार, लघु सचिवालय,
सेक्टर-9, चण्डीगढ़।
(fci@punjab.gov.in)

विषय:- Diversion of 58.7329 ha of forest land in favour of PIU, NHAI, Bathinda for 4 laning from Malout (Design Ch 7+000, Existing KM 7+000 of NH-09) to Mandi Dabwali (Design Ch 29+500, Existing KM 29+500 of NH-09) Design length=22.500 KM in state of Punjab under Bharatmala Pariyojna, under forest division and District Sri Muktsar Sahib, Punjab (Online proposal no. FP/PB/Road/116797/2020 regarding

संदर्भ (i) State Government online proposal received on dated 05.10.2021

(ii) अतिरिक्त प्रधान मुख्य वन संरक्षक व नोडल अधिकारी (FCA), पंजाब सरकार के पत्र संख्या FOREST-FCA0FCIM/20/2021-FCA दिनांक 06.12.2021.

महोदय,

कृपया उपर्युक्त विषय में संदर्भित पत्र का अवलोकन करें, जिसमें वन (संरक्षण) अधिनियम, 1980 की धारा- 2 के अधीन केन्द्रीय सरकार की अनुमति मांगी गई है। इस प्रस्ताव में इस कार्यालय के समसंख्यक पत्र दिनांक 19.10.2021 द्वारा सैद्धांतिक स्वीकृति प्रदान की गई थी जिसकी अनुपालना रिपोर्ट अतिरिक्त प्रधान मुख्य वन संरक्षक व नोडल अधिकारी के पत्र संख्या FOREST-FCA0FCIM/20/2021-FCA दिनांक 06.12.2021 (E-mail) द्वारा प्राप्त होने के उपरान्त केन्द्र सरकार द्वारा उपर्युक्त उद्देश्य हेतु 58.7329 हेक्टेयर वन भूमि के उपयोग हेतु स्वीकृति निम्नलिखित शर्तें पूरी करने पर प्रदान की जाती है:-

- वन भूमि की विधिक स्थिति बदली नहीं जाएगी।
- प्रस्ताव के अनुसार कम से कम वृक्ष/पौधों काटे जायेंगे और काटे जाने वाले वृक्षों की संख्या 8,230 पौधों की संख्या 26,213 से अधिक नहीं होगी।
- प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार (i) Ferozepur-Fazilka Railway line km. 50-85 (Fazilka Range), (ii) Abohar Fazilka Railway line from km. 28.42 B/side (Fazilka Range), (iii) Southern disty 0-29 B/side (Sadran distry) (Fazilka Range) & (iv) Southern disty 29-60 B/side (Sadran Disty) (Fazilka Range) में प्रयोज्य एजेंसी से ग्राम CA की धनराशि 5,72,05,942/- रुपये (Rupees five crore seventy two lakh five thousand nine hundred & forty two only) से 117,466 हेक्टेयर वन क्षेत्र में पौधे लगाकर किया जायेगा।
- अतिरिक्त प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार (i) Ditch drain RD 0-50 L/side (Fazilka Range), (ii) Jalalabad Drain RD 12-110 B/side (Fazilka Range), (iii) Bikaner Canal RD 234-264 B/side (Fazilka Range), (iv) Bikaner Canal RD 274-294 L/side (Fazilka Range) & (v) Tarohari Drain 0-30 B/side, में प्रयोज्य एजेंसी से ग्राम ACA की धनराशि 3,54,39,976/- रुपये (Rupees three crore fifty four lakh thirty nine thousand nine hundred & seventy six only) से 104,852 हेक्टेयर वन क्षेत्र में पौधे लगाकर किया जायेगा।
- प्रतिपूर्ति पौधारोपण और अतिरिक्त प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
- राज्य सरकार प्रयोज्य एजेंसी को वन भूमि को गैर वानिकी कार्यों के लिए हस्तान्तरण से पूर्व स्वीकृत प्रतिपूर्ति पौधारोपण (CA) क्षेत्र की KML फाइल को भारतीय वन सर्वेक्षण (FSI) के E-Green Watch पोर्टल पर अपलोड करना सुनिश्चित करेगी।
- The Divisional Forest Officer shall ENSURE that the approved CA site(s) will not be changed without the approval of competent authority.
- The CEO, State CAMPA Authority shall ENSURE that the funds under State CAMPA will be released to Divisional Forest Officer as per approved CA scheme.

- ix. वन भूमि का प्रयोग प्रस्ताव में दर्शाये गये उद्देश्य के अलावा किसी अन्य उद्देश्य के लिए नहीं किया जायेगा।
 - x. जब कभी भी NPV की राशि बढ़ाई जायेगी तो उस बड़ी हुई NPV की राशि को जमा करने के लिए प्रयोक्ता एजेंसी बाध्य होगी।
 - xi. साथ लगते वन और वन भूमि को किसी तरह का कोई नुकसान नहीं पहुंचाया जायेगा और साथ लगते हुए वन और वन भूमि को बचाने के लिये सभी प्रयत्न किये जायेंगे।
 - xii. स्थानान्तरण के लिए प्रस्तावित वन भूमि को केंद्रीय सरकार की पूर्व अनुमति के बिना किसी भी परिस्थिति में किसी अन्य एजेंसी, विभाग या व्यक्ति विशेष को हस्तांतरित नहीं किया जायेगा।
 - xiii. केंद्रीय सरकार की अनुमति के बिना प्रस्ताव की नए आउट प्लान को बदला नहीं जायेगा।
 - xiv. एवेन्यु वृक्षारोपण, मडक के दोनों ओर व मध्य भाग पर आईआरसी विनिर्देश के अनुसार उपयोगकर्ता एजेंसी द्वारा किया जाएगा।
 - xv. वन भूमि पर किसी भी प्रकार का कोई श्रमिक शिविर नहीं लगाया जायेगा।
 - xvi. यदि आवश्यक हो तो प्रयोक्ता एजेंसी द्वारा भूमि संरक्षण के लिए वर्तमान दरों पर धनराशि उपलब्ध करायी जायेगी।
 - xvii. प्रयोक्ता एजेंसी द्वारा श्रमिकों तथा कार्वस्थल पर कार्वरत मटाफ को अधिमानतः वैकल्पिक इंधन उपलब्ध करायेगी, ताकि साथ लगते वन क्षेत्र को किसी प्रकार के नुकसान तथा दबाव से बचाया जा सके।
 - xviii. यदि आवश्यक हो तो प्रयोक्ता एजेंसी पर्यावरण (सुरक्षा) अधिनियम 1986, के अनुसार पर्यावरण अनुमति प्राप्त करेगी।
 - xix. कूड़ा कर्वेट निपटान जारी योजना के अनुसार किया जायेगा।
 - xx. अन्य कोई भी शर्त इस क्षेत्रीय कार्यालय द्वारा वन तथा वन्य जीव का संरक्षण, सुरक्षा तथा विकास के लिए समय - समय पर लगाई जा सकती है।
 - xxi. यदि कोई अन्य संबंधित अधिनियम/अनुच्छेद/नियम/न्यायालय आदेश/अनुदेश आदि इस प्रस्ताव पर लागू होते हैं तो उनके अधीन जरूरी अनुमति लेना प्रयोक्ता एजेंसी व राज्य सरकार की जिम्मेवारी होगी।
3. मंत्रालय इस स्वीकृति को स्थगित/रद्द कर सकता है यदि उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन मन्तोपप्रद नहीं है। राज्य सरकार वन विभाग के माध्यम से इन शर्तों का पालन सुनिश्चित करेगी।

भवदीय,

हस्ता/-

(सी०डी०सिंह)

क्षेत्रीय अधिकारी MoEF&CC

प्रतिनिधि:-

1. अपर वन महानिदेशक (वन), पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, इंदिरा पर्यावरण भवन, जोर बाग, अलीमंज, नई दिल्ली। (adgfc-mef@nic.in)
2. प्रधान मुख्य वन संरक्षक, पंजाब, फॉरेस्ट कॉम्प्लेक्स, सै०-68, एम० ए० एस० नगर, मोहाली, पंजाब। (pccf@punjab@gmail.com)
3. मुख्य कार्यकारी अधिकारी, CAMPA, फॉरेस्ट कॉम्प्लेक्स, सै०-68, एम० ए० एस० नगर, मोहाली, पंजाब। (cco.puncamps@gmail.com)
4. वन मण्डल अधिकारी, वन मण्डल और जिला भी मुक्तनर साहिब, पंजाब। (dfomks@gmail.com)
5. PIU BATHINDA NHAI, House no 16308, Street No 13/9, Dhillon Colony, Barnala Road, Bathinda (piubathinda@nhai.org)

Signed by C D Singh

Date: 17-12-2021 14:11:35

ब्लॉक नं. 24-25, सेक्टर-31 ग, चंडीगढ़-160030 / Bays No. 24-25, Sector-31 A, Chandigarh-160030

दूरभाष/Tel No : 0172-2638061 Fax No : 0172-2638135 Email : ronz.chd-mef@nic.in

Reason: Approved

Div. of 58.7329 ha. of forest land for 4 laning from Malout (Design ch: 7+000, Existing Km 7+000 of NH-09) to Mandi Dabwali (Design ch: 29+500, Existing Km 29+500 of NH-09) Design length=22.500 Km in the State of Punjab under Bharatmala Pariyojana under Muktsar Forest Division.

Plantation Model For Standard Plantation under Compensatory Afforestation
Plants Per Hectare : 1000 Nos.

Wage Rate Rs. 328


List attached in land suitability

Sr. No.	Unit	Qty.	Unit Cost (In Rs.)	Amount
Nursery				
	Nursery cost of raising plants	1100	20.00	22000.00
A Soil Work				
1	Site / Jungle Clearance (25%)	Ha.	0.5	5367.22
2	Alignment & Dagbaling	Ha.	1	984.00
3	Earth works in Digging of Pits 1000 x 0.5 m x 0.5 m x 0.4 m	1 M3	100	101.38
4	Kana Stubbing 25%	Ha.	0.25	26836.00
B Plantation Work				
1	Refilling of Pits 1000x0.5mx0.5mx0.3	100 cum	75	2747.00
2	Loading & Unloading of Plants (1000+10% Wastage=1100)	100 No.	1100	550.00
3	Carriage of Plants (1000+10% wastage =1100 avg. distance upto 10 km.)	100 No.	1100	196.80
4	i) Carriage from site to site	100 No.	1000	131.20
	ii) Planting of Plants (1000 No. including 10% replacement)	100 No.	1000	984.00
5	Spot Irrigation (1000 Plants)	100 No.	1000	205.00
6	Application of Insecticide (2 Times)	100 No.	1000	41.00
7	Application of Fertilizers (2 Times)	100 No.	1000	41.00
8	Weeding & Hoeing 3 Times	100 No.	3000	357.52
9	Hand Watering (12 Times)	100 No.	12000	205.00
10	Replanting of Plants 10%	100 No.	100	579.11
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00
12	Covering (25% plants) of plants	100 No.	250	295.20
13	Uncovering of plants	100 No.	250	32.80
14	Restubbing of Kana (1 Time)		0.25	26836.30
15	Laying out & fixing of Barbed Wire	L/s		7872.00
16	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00
17	Material			5969.60
	i) Insecticides / Fertilizers	L/s		
	ii) POL	L/s		5000.00
	iii) Barbed Wire	L/s		5000.00
	Sub Total			50000.00
				186465.05
Maintenance 1 Year				
1	Cost of raising plants for 30% replacement	1 No.	300	20.00
2	Reopening of Pits 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	59.63
3	Refilling of pits with earth in other soils 300 x 0.50 x 0.50 x 0.30	1 m3	21.6	27.47
				618.08


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4	Loading & Unloading of Plants	1 No.	300	2.46	738.00
5	Carriage of Plants (300+10% Wastage = 330 avg. distance upto 10 Km.)				
6	Spreading of plants pit to pit	100 No.	1	196.20	196.20
7	Re-Planting to plants	100 No.	165	131.20	216.48
8	Spot Irrigation	100 No.	165	329.08	542.98
9	Weeding & Hoeing (three)	100 No.	165	205.00	338.25
10	Application of Insecticide (2 Times)	100 No.	3000	357.52	10725.60
11	Application of Fertilizers (2 Times)	100 No.	1000	41.00	410.00
12	Hand Watering (6 Times)	100 No.	1000	41.00	410.00
13	Rejungle Clearance (2 Times)	100 No.	6000	357.52	21451.20
14	Restubbing of Kana	Per Ha.	1	2378.00	2378.00
15	Watch & Ward for every 10 Ha. (10 Months)	Per Ha.	0.25	26836.00	6709.00
16	Repair of Barbed Wire	Man Year	1/10		5969.60
17	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				5000.00
					73045.06
	2nd Year Maintenance				
	Cost of raising plants for 15% replacement				
1	Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 No.	150	20.00	3000.00
2	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	59.63	644.00
3	Refilling of pits with earth in other soils 150x 0.60 x 0.60 x 0.40	1 m3	21.6	27.47	296.68
4	Loading & Unloading of Plants	1 No.	75	2.46	184.50
5	Carriage of Plants Wastage = 75 avg. distance upto 10 Km.)	500 No.	1	196.20	196.20
6	Spreading of plants pit to pit	100 No.	75	131.20	98.40
7	Re-Planting to plants	100 No.	75	229.09	171.82
8	Spot Irrigation	100 No.	75	205.00	153.75
9	Weeding & Hoeing (Twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Rejungle Clearance (2 Times)	Per Ha.	1	2378.00	2378.00
12	Pruning to Plants	100 No.	100	387.61	387.61
13	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
14	Repair of Barbed Wire	L/s			5000.00
15	POL & Machinery	L/s			5000.00
18	Material and Supply	L/s			5000.00
	Sub Total				45880.96
	3rd Year Maintenance				
	Cost of raising plants for 10% replacement				
1	Reopening of Pits 100 x 0.50 x 0.50 x 0.40	1 No.	100	20.00	2000.00
2	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	10	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	7.5	27.47	197.78
4	Loading & Unloading of Plants	1 No.	100	2.46	246.00


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5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	100	1.00	100.00
6	Spreading of plants pit to pit	100 No.	100	131.20	131.20
7	Re-Planting to plants	100 No.	100	229.09	229.09
8	Spot Irrigation	100 No.	100	205.00	205.00
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (5 Times)	100 No.	5000	205.00	10250.00
11	Pruning to Plants 20%	100 No.	200	387.61	775.22
12	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				42683.63
	4th Year Maintenance				
1	Cost of raising plants for 5% replacement	1 No.	50	20.00	1000.00
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	5	5963.00	429.34
3	Refilling of pits with earth in other soils 100 x 0.50 x 0.50 x 0.30	1 m3	3.75	27.47	197.78
4	Loading & Unloading of Plants	1 No.	50	2.46	123.00
5	Carriage of Plants 50 avg. distance upto 10 Km.)	100 No.	50	1.00	50.00
6	Spreading of plants pit to pit	100 No.	50	131.20	65.60
7	Re-Planting to plants	100 No.	50	229.09	114.54
8	Spot Irrigation	100 No.	50	205.00	102.50
9	Weeding & Hoeing (twice)	100 No.	2000	357.52	7150.40
10	Hand Watering (4 Times)	100 No.	4000	205.00	8200.00
11	Pruning to Plants 30%	100 No.	300	387.61	1162.83
12	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
13	Repair of Barbed Wire	L/s			5000.00
14	POL & Machinery	L/s			5000.00
15	Material and Supply	L/s			5000.00
	Sub Total				39565.59
	5th Year Maintenance				
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
	Sub Total				5969.60
	6th Year Maintenance				
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
	Sub Total				5969.60
	7th Year Maintenance				
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
	Sub Total				5969.60


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8th Year Maintenance					
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
Sub Total					5969.60
9th Year Maintenance					
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
Sub Total					5969.60
10th Year Maintenance					
1	Watch & Ward for every 10 Ha. (7 Months)	Man Year	1 Man 7 Month	8528.00	5969.60
Sub Total					5969.60
Total					423457.89
Over Head expenses 5%					21172.89
Wage Enhancement @ 10%					42345.79
G. Total					486976.58
Or say					486977
				Per plant	487

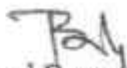
1	Cost of Compensatory Afforestation 58.7329*2000=117466 Plants @ 487/-		CA	57205942.0
2	NPV OF 'area 58.7329*8.87		NPV	52096082.0
3	Cost of Compensatory Afforestation (Tall Plants 26213*2 =52426 Tall Plants @ 676 Rs.PER Tall Plants Planted in 104.852 Ha.		ACA	35439976
4	Entry Point Activities(10%)			5720594.00
5	Mesquite removal 15% total plantaion area(CA and Tall plant area)plantation area 222.318 ha , Mesquite estimate per ha. 148631/- (estimate attached)			4956502.00
6	Other Charges			
	(i)Field Vehicle for monitoring of CAMPA & C.A plantations L/S	1	Others	1416500
	(ii) Tractor Nos. 2 @558000 (without RC)	2		1116000
	(iii) Water Tanker Nos 2 @175000	2		350000.00
	(iv) ENGINE PUMP SET Nos 2 @50000 LS	2		100000.00
	(v)Trolley 2 No.s @ 1.5 lac	2		300000.00
	(vi)SUBMERSIBLE PUMP WITH Accessories 2 no.s @2.5 lac	2		500000.00
	(vii)Laptop no s 1 @58000	1.00		58000.00
	(viii)Tata 407	1.00		850000.00
	(ix)SILENT D G SET 15 KV SP AMP Wot (ASHOK LEVLAND - CSII) (CSH AL 0015 SDG 15 KVA SP AMP)@352000	1 No.s		352000.00
	(x)Xerox Multifuntion Machine	No1		150000.00
	(xi) Auger L/S @50000(hole digger)	5.00	250000.00	
	(xii)Tree Guard 2500 nos. L.S@1800	2500.00	4500000.00	
7	Sub Total Others Charges			9942500.00
	Grand Total(1+2+3+4+5+6+7)		Grand Total	165361596.0

DT. 10.5.21


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Muktsar Forest Division,
Shri Muktsar Sahib

Div. of 58.7329 ha. of forest land for 4 laning from Malout (Design ch: 7+000, Existing Km 7+000 of NH-9) to Mandi Dabwali (Design ch: 29+500, Existing Km 29+500 of NH-9) Design length=22.500 Km in the State of Punjab under Bharatmala Pariyojana under Muktsar Forest Division.

Land suitability attached		Rate= 328		
Estimate for planting of Tall plants				
Name of Work	Unit	Unit Cost (In Rs.)	Qty	Total Amt
Nursery				
Cost of Tall plants	1 No	60	550	33000.00
Soil Works				
1 Site /Jungle Clearance (50%)	Ha.	5367.22	0.5	2683.61
2 Alignment & Dagballing	Ha.	984	1	984.00
3 Earth Work- Digging of Pits 500x 0.6m x0.6m x0.5m Heavy Soil	1M ³	101.39	90	9124.20
4 Kana Stubbing 25%	Ha.	26836.3	0.25	6709.08
Planting				
1 Refilling of Pits	100 cum	2747	72	1977.84
2 Loading & Unloading of Plants (500+10% Wastage=550)	100 No	246	550	1353.00
3 Carriage of Plants (500+10% Wastage=550 avg. distance upto 10 km.)500 Trolly	100 No	196.8	1	196.80
4 i) Carriage from site to site	100 No	131.2	550	721.60
ii) Planting of Plants (500 No Including 10% replacement)	100 No	984	550	5412.00
5 Spot Irrigation (500 Plants)	100 No	205	500	1025.00
6 Application of Insecticide (2 times)	100 No	41	1000	410.00
7 Application of Fertilizers (2 times)	100 No	41	1000	410.00
8 Weeding & Hoeing 3 times	100 No	357.52	1500	5362.80
9 Hand Water 6 months x 2 times =12 times	100 No	205	6000	12300.00
10 Replanting of Plants 10%	100 No	579.11	50	289.56
11 Rejungle Clearance (2 times)	Per Ha.	2378	1	2378.00
12 Covering (25% plants) of plants	100 No	295.2	125	369.00
13 Uncovering of plants	100 No	32.8	125	41.00
14 Restubbing of Kana (1 time)	Ha.	26836.3	0.25	6709.08
15 Laying out & fixing of Barbed Wire	L/s			4200.00
16 Watch & Ward for every 10 Ha. (7 months)	Man year	8528	1Man 7 Month	5969.60
17 Material				
i) Insecticides/Fertilizers	L/s			5000.00
ii) POL	L/s			5000.00
			Sub Total	111626.16
Maintenance 1 Year				
1 Cost of plants for 30% replacement	1 No.	60	150	9000.00
2 Reopening of Pits 150 x 0.60 x 0.60 x 0.40	1 m3	59.63	21.6	1288.01
3 Refilling of pits with earth in other soils 150 x 0.60 x 0.60 x 0.40	1 m3	27.47	21.6	593.35
4 Loading & Unloading of Plants	1 No.	2.46	150	369.00


 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib

5	Carriage of Plants (150+10% Wastage=330 avg. distance upto 10 km.)	500 No	196.2	1	196.20
6	Spreading of plants pit to pit	100 No	131.2	165	216.48
7	Re-planting Tall Plants	100 No	329.08	165	542.98
8	Spot Irrigation	100 No.	205	165	338.25
9	Weeding & Hoeing (thrice)	100 No	357.52	1500	5362.80
10	App. Of Fertilizer (two times)	100 No	41	1000	410.00
11	App. Of Insecticide (two times)	100 No	41	1000	410.00
12	Hand watering 6 months x 2 times =12 times	100 No	357.52	6000	21451.20
13	Rejungle Clearance (2 times)	Ha.	2378	1	2378.00
14	Restubbing of Kana	Ha.	26836	0.25	6709.00
15	Watch & Ward for every 10 Ha. (10 months)	Man year	8528	1/10 Man yr.	8528.00
16	POL	L/s			5000.00
17	Material and supply	L/s			5000.00
				Sub Total	67793.27
Maintenance II Year					
1	Cost of plants for 15% replacement	No.	60	75	4500.00
2	Reopening of Pits 75 x 0.60 x 0.60 x 0.40	1 m3	59.63	10.8	644.00
3	Refilling of pits with earth in other soils 75 x 0.60 x 0.60 x 0.40	1 m3	27.47	10.8	296.68
4	Loading & Unloading of Plants	1 No.	2.46	75	184.50
5	Carriage of Plants = 75 avg. distance upto 10 km.)	500 No	196.2	1	196.20
6	Spreading of plants pit to pit	100 No	131.2	75	98.40
7	Re-planting to tall plants	100 No	229.08	75	171.81
8	Spot Irrigation	100 No.	205	75	153.75
9	Weeding & Hoeing (twice)	100 No	357.52	1500	5362.80
10	Hand Watering 10 Times	100 No	205	5000	10250.00
11	Rejungle Clearance (2 times)	Ha.	2378	1	2378.00
12	Stubbing of Kana	Ha.	26836	0.1	2683.60
13	Pruning to plants	100 No.	387.61	100	387.61
14	Watch & Ward for every 10 Ha.	Man year	8528	1/10 Man yr.	8528.00
15	POL	L/s			5000.00
16	Material and supply	L/s			5000.00
				Sub Total	45835.35
Maintenance III Year					
1	Cost of plants for 10% replacement	1 No.	60	50	3000.00
2	Reopening of Pits 50 x 0.60 x 0.60 x 0.40	1 m3	59.63	7.2	429.34
3	Refilling of pits with earth in other soils 50 x 0.60 x 0.60 x 0.40	1 m3	27.47	7.2	197.78
4	Loading & Unloading of Plants	1 No.	2.46	50	123.00
5	Carriage of Plants 50 avg. distance upto 10 km.)	500 No	196.2	1	196.20
6	Spreading of plants pit to pit	100 No	131.2	50	65.60
7	Re-planting to plants	100 No	229.08	50	114.54
8	Spot Irrigation	100 No.	205	50	102.50
9	Weeding & Hoeing (thrice)	100 No	357.52	1500	5362.80


 Divisional Forest Officer
 Muktsar Forest Division
 Sri Muktsar Sahib


Annexure -

Estimate Cost of Removal of Mesquite by JCB and Manual Labour (per Ha.)

Labour Rate: 328/-

Sr.No.	Component	Unit	Qty.	Rate/Unit	Cost (Rs.)
1	Mesquite Removal with JCB				
	(i) Mesquite Removal	Ha.	1	82374.433	82374.433
	(ii) Levelling of Mesquite removed area with JCB Grader	Ha.	1	7488.587	7488.5865
	(iii) Ploughing (Twice)	Ha.	2	5941.731	11883.462
2	Removal of remaining Mesquite (area not approachable to JCB) and uproots from JCB work area	Ha.	1	26835.067	26835.067
				Sub Total	128581.55
3	Mesquite removal with manual labour during second maintenance	Ha.	0.25	26149.875	6537.4688
				Sub Total	6537.4688
				Total	135119.02
4	Overhead Cost (OE etc.) @ 10%			Sub Total	13512
				G.Total	148631
	Calculation				
	Total Plantation area 222.318			33.3477	
	Estimate per Ha. 148631(222.318*148631)				33043347
	Mesquite removal 15%				4956502

DT. 10.5.21


 Divisional Forest Officer
 Sri Muktsar Sahib

Division wise detail of Entry Point Activities/ Mesquite removal under APO 2022-23					
Sr. No.	Govt. of India/State Govt. Approval No.	Approval Date	Forest area diverted (in Ha.)	Amount Entry Point Activities	Mesquite removal
Sri Mukatsar Sahib Forest Division					
1	9PBC313/2019-CHA	25.10.2019	22.1701	4859306	
2	9PBC320/2020-CHA	08.07.2020	77.3655	8862080	
3	9PBB355/2019-CHA	11.05.2020	4.8714	935240	
4	9-PBB384/2020-CHA	10.05.2021	2.1190	397185	385430
5	9-PBB384/2020-CHA	04.06.2021	3.9520	742230	722710
6	File No. Forest-FCAOFC/M/8/2021-FCA	07.12.2021	0.1000	12175	
7	File No. Forest-FCAOFC/M/5/2021-FCA	16.07.2021	0.0896	10910	
8	File No. Forest-FCAOFC/M/11/2021-FCA	22.07.2021	0.0064	4870	
9	File No. Forest-FCAOFC/M/1/2021-FCA	23.07.2021	0.00485	5174	
10	File No. Forest-FCAOFC/4R/22/2020-FCA	31.07.2021	0.0140	5770	
11	9-PBB333/201-CHA	19.08.2021	0.848	134412	
12	9-PBB361/2021-CHA	10.08.2021	0.1465	17824	
13	File No.FOREST-FCA0FC1M/33/2020-FCA	02.09.2021	0.0106	5537	
14	File No. Forest-FCAOFC/1M/7/2021-FCA	29.09.2021	0.007	5308	
15	File No.FOREST-FCA0FC1M/6/2021-FCA	08.10.2021	0.04455	5455	
16	9-PBB363/2021-CHA	27.10.2021	0.098	11932	
17	File No.FOREST-FCA0FC1M/23/2020-FCA	09.11.2021	0.00227	5013	
18	File No.FOREST-FCA0FC1M/25/2021-FCA	13.12.2021	0.0857	10422	
19	9-PBC451/2021-CHA	17.12.2021	58.733	5720594	4956502
SubTotal				21751437	6064642
Total (EPA+Mesquite Removal)				27816079	
Bathinda Forest Division					
1	9PBC320/2020-CHA	08.07.2020	77.3655	6187623	
2	I/167143/2021	07.04.2021	0.0935	25997	
3	9-PBB340/2021-CHA	05.08.2021	0.0747	20992	
4	9-PBB315/2021-CHA	12.05.2021	0.0737	21006	
5	I/206876/2021	30.06.2021	0.011461	4870	
6	I/215250/2021	20.07.2021	0.0167	4870	
7	I/215887/2021	22.07.2021	0.00342	4870	
8	I/221105/2021	31.07.2021	0.0169	4870	
9	9-PBB365/2021-CHA	04.08.2021	0.6424	78212	
10	9-PBB325/2021-CHA	13.08.2021	0.0683	28319	
11	I/241161/2021	02.09.2021	0.015864	4870	
12	I/250651/2021	17.09.2021	0.0118	4870	
13	I/257918/2021	30.09.2021	0.003772	4870	
14	I/264378/2021	12.10.2021	0.0180	4870	
15	9-PBB338/2021-CHA	22.10.2021	3.461	337588	
16	I/296849/2021	21.12.2021	0.0402	4919	
17	I/271995/2021	28.10.2021	0.6812	85570	
18	9-PBC440/2021-CHA	22.12.2021	35.264	4752914	
19	I/292030/2021	13.12.2021	0.0419	6871	
20	I/296868/2021	21.12.2021	0.0655	7987	
21	I/295153/2021	17.12.2021	0.007446	6898	
Total				11603856	

Sr. No.	Govt. of India/State Govt. Approval No.	Approval Date	Forest area diverted (in Ha.)	Amount Entry Point Activities	Mesquite removal
Ferozepur Forest Division					
1	9PBBB381/2020-CHA	29.06.2021	0.078535	11466	
2	I/196145/2021	11.06.2021	0.005246	5850	
3	I/208389/2021	07.07.2021	0.02504	5850	
4	I/208391/2021	07.07.2021	0.04978	5850	
5	I/206175/2021	02.07.2021	0.00313	5850	
6	Forest-FCA0FC1F/11/2021-FCA	26.08.2021	0.0921	13455	
7	I/288523/2021	30.09.2021	0.0106	5850	
			Total	54171	
Ropar Forest Division					
1	9PBC314/2020-CHA	12.11.2020	35.9767	200000	
2	9PBB320/2021-CHA	16.08.2021	0.4670	56500	
3	9PBB317/2021-CHA	19.08.2021	1.03	100000	
4	9-PBC432/2021-CHA	12.11.2021	9.171	300000	
			Total	656500	
S.A.S Nagar Forest Division					
1	Forest-FCA0FC4S/14/2021-FCA	24.08.2021	0.0280	4870	
Nawanshaheer Forest Division					
1	9PBB318/2021-CHA	20.07.2021	4.80	48697	
2	I/254230/2021	23.09.2021	0.0227	4870	
			Total	53567	
Amritsar Forest Division					
1	9PBB382/2021-CHA	08.09.2021	0.4285	40297	
2	9PBB355/2021-CHA	08.09.2021	0.0975	11882	
3	I/257091/2021	19.10.2021	0.1182	14390	
4	Forest-FCA0FC5A/39/2021-FCA	25.10.2021	0.0140	4870	
			Total	71439	
Gurdaspur Forest Division					
1	I/218595/2021	27.07.2021	0.0123	7139	
2	9PBB372/2021-CHA	23.09.2021	0.0063	7139	
3	I/234352/2021	21.08.2021	2.0554	6425	
4	I/140478/2021	05.02.2021	0.0111	10707	
5	I/276577/2021	12.11.2021	0.0142	7138	
			Total	38548	
Hoshiarpur Forest Division					
1	9-PBB359/2021-CHA	20.07.2021	0.0792	14122	
Pathankot Forest Division					
1	9-PBB378/2021-CHA	23.09.2021	0.1637	23093	
2	9-PBB369/2009-CHA	03.01.2022	3.1000	350073	
			Total	373166	
Patiala Forest Division					
1	I/157868/2021	17.03.2021	0.0168	5795	
2	9-PBB322/2021-CHA	24.05.2021	0.143	20745	
3	9-PBB323/2021-CHA	22.07.2021	0.0443	10431	
4	9-PBB305/2021-CHA	13.05.2021	0.2408	40564	
5	9-PBB375/2021-CHA	24.09.2021	2.40	278150	
6	9-PBB341/2021-CHA	04.08.2021	0.5325	44391	
7	9-PBB364/2021-CHA	11.08.2021	0.0076	3335	
8	9-PBC367/2020-CHA	23.03.2021	5.1622	401554	
			Total	804965	
Mansa Forest Division					
1	9-PBB316/2021-CHA	09.06.2021	0.0134	4870	
2	I/225581/2021	06.08.2021	0.0111	4870	
3	9-PBB372/2021-CHA	27.07.2021	0.0240	4870	
			Total	14610	

Sr. No.	Govt. of India/State Govt. Approval No.	Approval Date	Forest area diverted (in Ha.)	Amount Entry Point Activities	Mesquite removal
Sangrur Forest Division					
1	9-PBB314/2021-CHA	20.05.2021	0.081513	12169	
2	9-PBB328/2021-CHA	07.06.2021	0.1905	11068	
3	Forest-FCA0FC2S/20/2021-FCA	01.07.2021	0.0071	5795	
4	9-PBB332/2021-CHA	20.07.2021	0.09312	7533	
5	I/215889/2021	22.07.2021	0.0856	12400	
6	I/250842/2021	17.09.2021	0.025	5795	
7	I/252792/2021	21.09.2021	0.0133	5795	
8	9-PBC368/2020-CHA	01.04.2021	15.46441	3584657	
	I/257479/2021	20.09.2021	0.00385	5795	
			Total	3651007	
			G.Total	45156900	

**Abstract of Information regarding APO of 2022-23
State Authority (CAMPA), PUNJAB**

Sr. No.	Particular	Annexure	Page No.
1	Certificate	Annexure-A	1
2	Detail of Enhanced cost of wages under CA	Annexure-B	2
3	Labour Department, Punjab letter (Minimum wage rate)	Annexure-C	3-7
4	Entry Point Activities under CA	Annexure-D	8-12
5	Various Cost Models of plantation	Annexure-E	13-31
6	Document of Demarcation/ Digitization of Forest Boundaries	Annexure-F	32-34
7	Estimate of Soil Conservation works	Annexure-G	35-51
8	Information regarding Forest Fire Action Plan	Annexure-H	52
9	Information regarding Wildlife Activities Action Plan	Annexure-I	53

Certificate

It is certified that

- 1 That the proposed activities of the State Authority, Punjab are in accordance with the relevant provisions of CAF Act, 2016 and CAF Rules, 2018.
- 2 That activities proposed in the APO 2022-23 over forest lands are under the control of State Forest Department of State Government and have been prepared in consultation with Gram Sabha or village Forest Management Committee (as case may be) of the Forest Division and are in consonance with the provisions of the Scheduled Tribes and other Traditional forest Dwellers (Recognition of Forest Rights) Act, 2006 and the said activities shall be carried out as per the working plan /Management Plan which is approved by MoFF&CC Govt. of India.


Chief Executive Officer,
State Authority (CAMP A)

P
27/7/22 o/c
JS
27/7/22

Details of enhanced cost of wages during 2022-23 @ Rs 387 per day

S. No.	Name of Division	2018-19		2019-20		2020-21		2021-22		Total	
		Area in ha.	Amount (Rs.)	Area in ha.	Amount (Rs.)	Area in ha.	Amount (Rs.)	Area in ha.	Amount (Rs.)	Area in ha.	Amount (Rs.)
1	Amritsar	11.00	63,657	16.76	96,990	4.50	26,042	101.07	5,84,892	133.33	7,71,581
2	Bathinda	-	-	-	-	1.85	10,694	89.91	5,20,309	91.76	5,31,004
3	Mohali	4.58	26,487	3.10	17,928	0.20	1,157	4.05	23,460	11.93	69,033
4	Ropar	-	-	-	-	81.95	4,74,245	48.25	2,79,223	130.20	7,53,467
5	Garhshankar	-	-	-	-	0.15	868	16.83	97,395	16.98	98,263
6	Pathankot	-	-	22.00	1,27,314	-	-	11.73	67,882	33.73	1,95,196
7	Dassuya	-	-	-	-	-	-	5.64	32,621	5.64	32,621
8	Muktsar	-	-	-	-	0.38	2,187	505.24	29,23,824	505.62	29,26,011
9	Ferozepur	-	-	0.34	1,973	3.27	18,935	35.11	2,03,182	38.72	2,24,090
10	Jalandhar	0.67	3,900	0.20	1,157	126.12	7,29,856	196.27	11,35,814	323.26	18,70,729
11	Gurdaspur	-	-	-	-	0.58	3,356	93.75	5,42,531	94.33	5,45,888
12	Hoshiarpur	-	-	308.00	17,82,396	1.72	9,954	103.18	5,97,103	412.90	23,89,452
13	Mansa	-	-	-	-	-	-	26.14	1,51,272	26.14	1,51,272
14	Patiala	12.32	71,296	1.37	7,917	12.16	70,381	43.00	2,48,841	68.85	3,98,435
15	Ludhiana	-	-	5.71	33,044	23.46	1,35,763	189.53	10,96,810	218.70	12,65,617
16	Sangrur	26.15	1,51,330	3.61	20,891	2.97	17,187	32.11	1,85,832	64.84	3,75,241
Total		54.72	3,16,670	361.09	20,89,610	259.31	15,00,627	1,501.81	86,90,992	2,176.93	1,25,97,900

Less ACA for 474.89 Ha

During the year 2022-23 plantation proposed to be done = **864 ha.**

Enhanced cost of plantation in 864 ha. = 4999968/- . Say Rs. 50.00 lakh

Total backlog CA **1,702.04** **98,49,711**

Ha Rs


Chief Executive Officer (CEO) Punjab

2

Annexure - B

OFFICE OF THE LABOUR COMMISSIONER, PUNJAB
Model Welfare Centre, Labour Bhawan, Ph. 10, Mohali.
(Statistical Branch)

Dated: 30/11/2021

No.ST/17065

ADJUSTMENT OF MINIMUM RATES OF WAGES W.E.F. 01.03.2020 & 01.09.2020 IN THE STATE OF PUNJAB

The minimum rates of wages for Un-skilled workers and for other categories of workers in respect of Scheduled Employments vide notification No.S.O.22/C.A./11/1948/S.3&5/2015 dated 26.05.2015 have been linked with Consumer Price Index Numbers (Centre Series 2001=100) compiled by Labour Bureau, Govt. of India. In view of the above mentioned notification, minimum rates of wages have been fixed with average C.P.I base index ending August, 2013. The average C.P.I number for six months ending August 2013 (Base Index) is 227. The average C.P.I number for six months from September 2019 to February 2020 is 333.6. Thus, the minimum rates of wages for Un-skilled workers are Rs. 9181.71 w.e.f 01.03.2020. The average C.P.I number for six months from March 2020 to August 2020 is 334. Thus, the minimum rates of wages for Un-skilled workers are Rs. 9192.72 w.e.f 01.09.2020. The details of adjusted minimum rates of wages in these Scheduled Employments are given in following tables:-

TABLE No. I

Sr. No.	Categories	W.E.F. 1/9/2013 Monthly Daily Per Hour	W.E.F. 1/3/2014 Monthly Daily Per Hour	W.E.F. 1/9/2014 Monthly Daily Per Hour	W.E.F. 1/3/2015 Monthly Daily Per Hour	W.E.F. 1/9/2015 Monthly Daily Per Hour	W.E.F. 1/3/2016 Monthly Daily Per Hour	W.E.F. 1/9/2016 Monthly Daily Per Hour	W.E.F. 1/3/2017 Monthly Daily Per Hour	W.E.F. 1/9/2017 Monthly Daily Per Hour	W.E.F. 1/3/2018 Monthly Daily Per Hour	W.E.F. 1/9/2018 Monthly Daily Per Hour	W.E.F. 1/3/2019 Monthly Daily Per Hour	W.E.F. 1/9/2019 Monthly Daily Per Hour	W.E.F. 1/3/2020 Monthly Daily Per Hour	W.E.F. 1/9/2020 Monthly Daily Per Hour
1	Un-Skilled	6247.75 240.64 30.08	6467.67 249.11 31.13	6660.10 256.52 32.06	6853.15 263.95 32.99	6935.62 267.13 33.39	7210.52 277.72 34.71	7458.56 287.27 35.90	7568.52 291.51 36.43	7623.50 293.62 36.70	7852.17 302.41 37.79	8077.71 311.12 38.89	8451.95 325.53 40.69	8776.83 338.05 42.25	9181.71 353.14 44.14	9192.72 353.56 44.19
2	Semi-Skilled	7027.75 270.64 33.88	7247.67 279.11 34.93	7440.10 286.52 35.86	7633.15 293.95 36.79	7715.62 297.13 37.19	7990.52 307.72 38.51	8238.56 317.27 39.70	8348.52 321.51 40.23	8403.50 323.62 40.50	8632.17 332.41 41.59	8857.71 341.12 42.69	9231.95 355.53 44.49	9556.83 368.05 46.05	9961.71 383.14 47.89	9972.72 383.56 47.94
3	Skilled	7924.75 305.14 38.18	8144.67 313.61 39.23	8337.10 321.02 40.16	8530.15 328.45 41.09	8612.62 331.63 41.49	8887.52 342.22 42.81	9135.56 351.77 44.00	9245.52 356.01 44.53	9300.50 358.12 44.80	9529.17 366.91 45.89	9754.71 375.62 46.99	10128.95 390.03 48.79	10453.83 402.55 50.35	10858.71 417.64 52.20	10869.72 418.06 52.25
4	Highly-Skilled	8956.75 344.84 43.18	9176.67 353.31 44.23	9369.10 360.72 45.16	9562.15 368.15 46.09	9644.62 371.33 46.49	9919.52 381.92 47.81	10167.56 391.47 49.00	10277.52 395.71 49.53	10332.50 397.82 49.80	10561.17 406.61 50.89	10786.71 415.32 51.99	11160.95 429.73 53.79	11485.83 442.25 55.35	11890.71 457.33 57.16	11901.72 457.75 57.21

3

Answer - C

TABLE No. II

Minimum wages of staff categories as mentioned in the table below shall be applicable only to Scheduled Employments under the Government of Punjab, the Local Authority and the Boards, Corporations or any agency (by whatever name it is called) under the control of the Govt. of Punjab in respect of the Staff employed through outsourcing or employed casually or on daily wages.

Sr. No.	Categories	W.E.F. 1/9/2013 Monthly Daily Per Hour	W.E.F. 1/3/2014 Monthly Daily Per Hour	W.E.F. 1/9/2014 Monthly Daily Per Hour	W.E.F. 1/3/2015 Monthly Daily Per Hour	W.E.F. 1/9/2015 Monthly Daily Per Hour	W.E.F. 1/3/2016 Monthly Daily Per Hour	W.E.F. 1/9/2016 Monthly Daily Per Hour	W.E.F. 1/3/2017 Monthly Daily Per Hour	W.E.F. 1/9/2017 Monthly Daily Per Hour	W.E.F. 1/3/2018 Monthly Daily Per Hour	W.E.F. 1/9/2018 Monthly Daily Per Hour	W.E.F. 1/3/2019 Monthly Daily Per Hour	W.E.F. 1/9/2019 Monthly Daily Per Hour	W.E.F. 1/3/2020 Monthly Daily Per Hour	W.E.F. 1/9/2020 Monthly Daily Per Hour
1.	Staff Category-A	11417.75 439.54 54.98	11637.67 448.01 56.03	11830.10 455.42 56.96	12023.15 462.85 57.89	12105.62 466.03 58.29	12380.52 476.62 59.61	12628.56 486.17 60.80	12738.52 490.41 61.33	12793.50 492.52 61.60	13022.17 501.31 62.69	13247.71 510.02 63.79	13621.95 524.43 65.59	13946.83 536.95 67.15	14351.71 551.98 68.99	14362.72 552.41 69.05
2.	Staff Category-B	9747.75 375.34 46.98	9967.67 383.81 48.03	10160.10 391.22 48.96	10353.15 398.65 49.89	10435.62 401.83 50.29	10710.52 412.42 51.61	10958.56 421.97 52.80	11068.52 426.21 53.33	11123.50 428.32 53.60	11352.17 437.11 54.69	11577.71 445.82 55.79	11951.95 460.23 57.59	12276.83 472.75 59.15	12681.71 487.75 60.96	12692.72 488.18 61.02
3.	Staff Category-C	8247.75 317.63 39.78	8467.67 326.11 40.83	8660.10 333.52 41.76	8853.15 340.95 42.69	8935.62 344.13 43.09	9210.52 354.72 44.41	9458.56 364.27 45.60	9568.52 368.76 46.13	9623.50 370.87 46.40	9852.17 379.66 47.49	10077.71 388.37 48.59	10451.95 402.78 50.39	10776.83 415.30 51.95	11181.71 430.06 53.75	11192.72 430.48 53.81
4.	Staff Category-D	7047.75 271.44 33.98	7267.67 279.91 35.03	7460.10 287.32 35.96	7653.15 294.75 36.89	7735.62 297.93 37.29	8010.52 308.52 38.61	8258.56 318.07 39.80	8368.52 322.31 40.33	8423.50 324.42 40.60	8652.17 333.21 41.69	8877.71 341.92 42.79	9251.95 356.33 44.59	9576.83 368.85 46.15	9981.71 383.91 47.98	9992.72 384.33 48.04

TABLE No. III

Minimum rates of wages in Agriculture (Unskilled workers) attached labour (Consolidated per annum with meals or food grains equivalent thereof). (As per the notification dated 15/11/2012)

Agriculture labour Yearly basis (in Rs.)
Consolidated per annum with meals or food grains

S. No.	w.e.f.	Yearly (in Rs.)
1.	01-09-2013	46232.30
2	01-03-2014	47551.82
3	01-09-2014	48706.40
4	01-03-2015	49864.70
5	01-09-2015	50359.52
6	01-03-2016	52008.92
7	01-09-2016	53497.16
8.	01-03-2017	54156.92
9.	01.09.2017	54486.50
10.	01.03.2018	55858.82
11.	01.09.2018	57212.06
12.	01.03.2019	59460.50
13.	01.09.2019	61409.78
14.	01.03.2020	63839.06
15.	01.09.2020	63905.12

TABLE No. IV

Other Agriculture labour Daily basis (In Rs.)
(As per the notification dated 15/11/2012)

S.No.	w.e.f.	with meals (in Rs.)	Without meals (in Rs.)
1	01-09-2013	225.44	250.64
2	01-03-2014	233.91	259.11
3	01-09-2014	241.32	266.52
4	01-03-2015	248.75	273.95
5	01-09-2015	251.93	277.13
6	01-03-2016	262.52	287.72
7	01-09-2016	269.13	299.21
8	01-03-2017	273.09	303.62
9	01.09.2017	275.08	305.83
10	01.03.2018	283.33	315.00
11	01.09.2018	291.47	324.05
12	01.03.2019	304.97	339.06
13	01.09.2019	316.69	352.09
14	01.03.2020	331.30	368.34
15	01.09.2020	331.68	368.76

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TABLE No. V
BRICK KILN (PIECE RATE) PER 1000 BRICKS/TILES (in Rs.)

Sr. No.		01.09.2013	1.3.2014	1.9.2014	1.3.2015	1.9.2015	1.3.2016	1.9.2016	1.3.2017	1.9.2017	1.3.2018	1.9.2018	1.3.2019	1.9.2019	1.3.2020	1.9.2020
1	Pathera with jama-dari commission Bricks	515.02	532.08	547.02	562.00	568.40	589.74	614.83	623.89	628.42	647.27	665.86	696.71	723.50	756.87	757.74
	Tiles	573.12	590.18	605.12	620.10	626.50	647.84	684.19	694.27	699.32	720.29	740.98	775.31	805.11	842.25	843.23
2	Pathera without jamadari commission Bricks	484.92	501.98	516.92	531.90	538.30	559.64	578.89	587.43	591.69	609.44	626.95	655.99	681.21	712.63	713.46
	Tiles	545.72	562.78	577.72	592.70	599.10	620.44	651.48	661.08	665.88	685.86	705.56	738.25	766.62	801.99	802.91
3	Bbaraiwala Donkeys/ Khacher, loader, Rehri, jhota, Thela, etc. Animal driven.)	191.36	198.09	203.98	209.90	212.42	220.84	228.44	231.81	233.49	240.50	247.40	259.27	268.82	281.22	281.54
	Tempo. Truck (Mechanical Driven)	166.46	172.31	177.44	182.58	184.78	192.11	198.71	201.64	203.11	209.20	215.21	225.18	233.84	244.62	244.91
	Truck Trolley loading Unloading (Pacca Bricks)	142.06	147.06	151.43	155.82	157.70	163.95	169.59	172.47	173.34	178.54	183.66	192.17	199.56	208.77	209.01
4	ChunaiWala	38.46	39.81	40.99	42.18	42.69	44.38	45.91	46.59	46.92	48.33	49.72	52.02	54.02	56.52	56.58
5	Keri wala	32.36	33.49	34.49	35.49	35.92	37.34	38.63	39.20	39.48	40.67	41.83	43.77	45.45	47.55	47.61
6	Nikasiwala	122.69	127.00	130.78	134.57	136.19	141.59	146.46	148.62	149.70	154.19	158.62	165.97	172.35	180.30	180.51
7	Mistri	95.39	98.74	101.68	104.63	105.89	110.08	113.87	115.35	116.39	119.88	123.32	129.04	134.00	140.18	140.34

NOTE:- Increase in Minimum rates of wages payable to different categories of workers be done on the pattern of wages of Un-skilled workers.


 For Labour Commissioner, Punjab.

Activities Proposed to be undertaken under the component Entry Point Activities (CA)

- Oxy Parks/Nanak Bagichis
- Solar lighting in villages adjacent to forest area
- Training & Hands-on exercises for JFMCs/SHGs for providing income generating activities and strengthening the institutions of JFMCs and SHGs
- Drinking water provisions for the villages adjoining to the forest area

9 ENTRY POINT ACTIVITIES

Annexure C

GUIDELINES FOR CREATION OF Nanak Bagichis(MICRO OXY PARKS)

Objectives:

- Improvement of ecosystem services, specially air quality,
- To add to biological diversity of the area
- Recreation of the people in vicinity
- Awareness creation amongst community about environment protection, importance of biodiversity and to connect people.

1. Area requirement

- These mini forests shall be created within urban areas on government institutional lands with a minimum area of 180-200 sq mts and a maximum area of 550 sq mts.
- The area should be preferably Forest lands/ institutional lands in urban areas or fringes of urban areas.

2. Roles and responsibilities

- The roles and responsibilities should be clearly defined through a MoU, if ownership is other than Forest Department which should be signed before the works are executed.
- Forest Department will create the mini forests and handover it to the voluntary institutions just after creation.
- MoU should mandate that the maintenance of such mini forests would vest with the voluntary institutions. (Annexure-A)

3. Components

All the identified project sites shall be demarcated and their KML files shall be prepared. Barbed wire fencing shall be done @ Rs. 15000 per park by the Department. Any additional cost required on this account will be borne by the institution. Indicative species: All oxygen rich species like Pipal, Neem, Bohar, Berri, Aam, Shisham, Jand, Plah, Ritha, medicinal, aromatic, flowering, bamboo plants etc should be planted.

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4. Cost

- Financial outlay for smaller mini forest would be Rs. 1.36 lacs. (Annexure-B)
- In case institution insists on any other type of fencing like chain link fencing, then the additional cost shall be borne by the institution.
- In case the institution insists on more features they will be undertaking on cost to the institution. This should clearly be reflected in the MoU.

5. Maintenance

- Repair of fencing and maintenance of plantations including watering of plants would be the responsibility of the concerned institution.
- Once mini forest is created it will be formally handed over to the institution for maintenance.
- Forest Department will not incur any recurring cost on account of maintenance after creation year.

6. Monitoring

- CF (Extension) will keep a data base of all such mini forest for future reference and share the data with the Monitoring wing as well as CF(Research)
- The kmi files of all such mini forests will be created and kept for record with CF (Extension).
- Monitoring wing will inspect few mini forests during their field checking.

ਇਕਰਾਰਨਾਮਾ (ਐਮ.ਓ.ਯੂ.)

ਅਸੀਂ ਪਿੰਡ..... ਦੇ ਤਹਿਸੀਲ ਅਤੇ ਜਿਲ੍ਹਾ ਦੀ ਪੰਚਾਇਤ/ਵਟ ਵਣ ਸੁਰੱਖਿਆ ਕਾਰਜਕਾਰਨੀ ਕਮੇਟੀ ਦੇ ਮੈਂਬਰ ਅਤੇ ਪਿੰਡ ਵਾਸੀ ਪਿੰਡ ਦੇ ਸਰਕਾਰੀ ਜੰਗਲ/ਪੰਚਾਇਤੀ ਰਕਬੇ ਵਿੱਚ ਵਣ ਵਿਭਾਗ ਵੱਲੋਂ ਗਰੀਨ ਪੰਜਾਬ ਮਿਸ਼ਨ ਸਕੀਮ ਅਧੀਨ ਤਿਆਰ ਕੀਤੇ ਜਾ ਰਹੇ ਅਕਸੀਜਨ ਪਾਰਕ/ਗੁਰੂ ਕੇ ਬਾਗ..... ਦੇ ਕੰਮਾਂ ਨੂੰ ਕਰਵਾਉਣ ਸਬੰਧੀ ਆਪਣੇ ਹੱਕ-ਹਕੂਕਾਂ ਦੀ ਰਜ਼ਾਮਤੀ ਦਿੰਦੇ ਹਾਂ।

- 1) ਵਣ ਵਿਭਾਗ ਵੱਲੋਂ ਪਲਾਂਟੇਸ਼ਨ ਦਾ ਕੰਮ ਸਮਾਪਤ ਕਰਾਉਣ ਤੋਂ ਬਾਅਦ ਇਹਨਾਂ ਪਲਾਂਟੇਸ਼ਨਾਂ ਦੀ ਸੁਭ-ਸੰਭਾਲ ਅਤੇ ਰਖਵਾਲੀ ਪਿੰਡ ਦੀ ਪੰਚਾਇਤ/ਵਟ ਸੁਰੱਖਿਆ ਕਮੇਟੀ/ਪਿੰਡ ਵਾਸੀਆਂ/ਮਾਲਕਾਂ ਵੱਲੋਂ ਕੀਤੀ ਜਾਵੇਗੀ।
- 2) ਪਿੰਡ ਦੇ ਇਹਨਾਂ ਰਕਬਿਆਂ ਵਿੱਚੋਂ ਘਾਹ ਅਤੇ ਹੋਰ ਛੋਟੀ ਵਣ ਉਪਜਾਂ ਲਈ ਪਿੰਡ ਵਾਸੀ ਨਿਯਮਾਂ ਅਨੁਸਾਰ ਹੱਕਦਾਰ ਹੋਣਗੇ।
- 3) ਪਿੰਡ ਦੀ ਪੰਚਾਇਤ/ ਵਣ ਸੁਰੱਖਿਆ ਕਮੇਟੀ/ਪਿੰਡ ਵਾਸੀ ਇਹਨਾਂ ਰਕਬਿਆਂ ਨੂੰ ਅੱਗ, ਚੋਰੀ, ਨਜਾਇਜ਼ ਕਟਾਈ ਚਰਾਈ ਜਾਂ ਕੋਈ ਜੰਗਲ ਜੁਰਮ ਤੋਂ ਬਚਾਉਣ ਲਈ ਹਰ ਸੰਭਵ ਕੋਸ਼ਿਸ ਕਰਨਗੇ ਅਤੇ ਵਣ ਵਿਭਾਗ ਨੂੰ ਇਸ ਬਾਰੇ ਪੂਰਾ ਸਹਿਯੋਗ ਦੇਣਗੇ।
- 4) ਪਿੰਡ ਦੀ ਪੰਚਾਇਤ/ ਵਣ ਸੁਰੱਖਿਆ ਕਮੇਟੀ ਅਤੇ ਹੋਰ ਪਿੰਡ ਵਾਸੀ ਸਮੇ-2 ਤੇ ਪੰਜਾਬ ਵਣ ਵਿਭਾਗ ਵੱਲੋਂ ਇਸ ਸਬੰਧ ਵਿੱਚ ਜਾਰੀ ਹਦਾਇਤਾਂ/ਨਿਯਮਾਂ ਜਾਂ ਪ੍ਰਚਲਿਤ ਹਦਾਇਤਾਂ/ਨਿਯਮਾਂ ਵਿੱਚ ਕੀਤੀਆਂ ਸੇਧਾਂ ਦੀ ਪਾਲਣਾ ਕਰਨਗੇ।
- 5) ਇਹਨਾਂ ਰਕਬਿਆਂ ਦੀ ਦੇਖਭਾਲ/ਨਿਯੰਤਰਣ ਲਈ ਵਣ ਵਿਭਾਗ ਦੇ ਅਧਿਕਾਰ ਪੂਰਨ ਸੁਰੱਖਿਅਤ ਰਹਿਣਗੇ ਪ੍ਰਧਾਨ ਅਤੇ ਸਕੱਤਰ ਵਣ ਸੁਰੱਖਿਆ ਕਮੇਟੀ ਦੀ ਕਾਰਜਕਾਰਨੀ ਦੀ ਮੀਟਿੰਗ ਹਰ ਮਹੀਨੇ ਦੀ ਦੂਜੇ ਹਫਤੇ ਨੂੰ ਬਾਅਦ ਦੁਪਹਿਰ ਪਿੰਡ ਦੀ ਸਰਾਂ ਵਿੱਚ ਬੁਲਾਇਆ ਕਰਨਗੇ।
- 6) ਸਰਪੰਚ ਗ੍ਰਾਮ ਪੰਚਾਇਤ/ਪ੍ਰਧਾਨ ਅਤੇ ਸਕੱਤਰ ਵਣ ਸੁਰੱਖਿਆ ਕਮੇਟੀ ਪਿੰਡ ਦੀ ਪੰਚਾਇਤ/ਕਾਰਜਕਾਰਨੀ ਦੀ ਮੀਟਿੰਗ ਹਰ ਤਿਮਾਹੀ ਕਰਕੇ ਇਨ੍ਹਾਂ ਕੰਮਾਂ ਦੀ ਸੁਭ ਸੰਭਾਲ ਰੀਵਿਊ ਕਰਨਗੇ।
- 7) ਪਿੰਡ ਵਿੱਚ ਪ੍ਰੋਜੈਕਟ ਅਧੀਨ ਜੇ ਕੰਮ ਕਰਵਾਏ ਜਾਣਗੇ, ਉਹਨਾਂ ਵਿੱਚ ਵੱਧ ਤੋਂ ਵੱਧ ਸਮੂਲੀਅਤ ਦੇ ਰੂਪ ਵਿੱਚ ਪਿੰਡ ਵਾਸੀਆਂ ਵੱਲੋਂ ਯੋਗਦਾਨ ਪਾਇਆ ਜਾਵੇਗਾ।

ਇਹ ਇਕਰਾਰਨਾਮਾ ਗ੍ਰਾਮ ਪੰਚਾਇਤ ਪਿੰਡ...../ਵਣ ਸੁਰੱਖਿਆ ਕਮੇਟੀ ਪਿੰਡ..... ਨੂੰ ਮਨਜ਼ੂਰ ਹੈ ਅਤੇ ਰਜ਼ਾਮਤੀ ਨਾਲ ਇਸ ਤੇ ਸਹੀ ਪਾਉਂਦੇ ਹਾਂ।

Estimate cost for creating of Pavitter Nanak Begeechi with Mayawaki technique					
Approx 180-200 sq.mtr. Acre (For 500 plants)					
(Year 2021-22)					
Sr. No.	Description of item	Quantity	Unit	Rate	Approx cost
1	Water retention material shredded wheat straw.	800	Kg	6	4800
2	Perforation material rice husk	1000	Kg	7	7000
3	Farm Yard Manure	1500	Kg	3	4500
4	Mulching material paddy straw	800	Kg	6	4800
5	Soil Microbiology Enhancer - Jeevamrit	75	Ltr	20	1500
6	Bamboo sticks 5 feet	500	No.	10	5000
7	Earth movers JCB 3DX for one meter deep earthwork and mixing the whole material	12	Hours	816.4	9797
8	Saplings Multiple native species	500	No	30	15000
9	Labour	26	Days	352	9152
10	Transport of material, POL other movables and misc. etc.		L/s		10000
11	One man for hand watering, watch & ward and maintenance (12 days per month x 9 months)	108	Days	352	38016
12	Event photography and sign boards etc.		L/s		10000
13	Contingency & misc. items @ 2%				7391
Grand Total:					121956
					Or say: 1,22,000/-
Note	If required Fixing of barbed wire, five stand and one cross etc.	60	Rmt	250	15000

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Estimated cost of per ha of model of Degraded forest area					
Proposed Rs. 383/-					
Sr. No.	Name of Work	Unit	Unit Cost W.R 383	Qty.	Amount wage rate 383
A	Nursery				
	Nursery cost of raising plants (10% beating up of failure, 10% wastage in Nursery and 5% transportation wastage)	No	15.61	1250	19512.50
					0.00
B	Soil Work				
	1. Jungle Clearance	Ha	6264.79	0.50	3132.40
	II. Kana Stubbing	Ha	31334.88	0.25	7833.72
	2. Alignment and Dag bailing	Ha	1149.00	1	1149.00
	3. Earthwork (500 X 0.50 X 0.50 X 0.40) 50% Hard Soil	cmt	118.48	50	5924.00
	(500*0.5*0.5*0.4m) 50% Medium Soil	cmt	90.54	50.00	4527.00
	Sub Total				22566.12
	Total (Nursery+ Soil work)				42078.62
C	Plantation				
	1. Loading & Unloading of Plants	No	0.46	1100	528.00
	2. Carriage of Plants	No	2.30	1100	2530.00
	(avg. distance upto 10 Km)		0.00		0.00
	3. Refilling of pits 1000 x 0.50 x 0.50 x 0.30	m3	31.32	75	2349.00
	4. Planting	No.	4.15	1000	4150.00
	4. Application of Insecticide (2 Times)	No.	0.47	2000	940.00
	5. Spot Irrigation	No.	3.45	1000	3450.00
	5. Maintenance		0.00		0.00
	1. Re Kana Stubbing (2nd time)	ha	9575.00	0.25	2393.75
	2. Re Jungle Clearance (2nd time)	ha	2774.01	0.50	1387.01
	3. Replacement of 10% failures	No.	16.40	100	1640.00
	4. Weeding & Hoing (Twice)	No	4.15	2000	8300.00
	5. Application of Fertilizers (twice)	No	0.47	2000	940.00
	6. Spot Irrigation (8 times)	No.	3.45	8000	27600.00
	7. Watch & Ward for every 10 Ha of plantation	Man/Year	9958		9958.00
	8. Covering (25% plants)	No	3.45	250	862.50
	9. Uncovering	No	0.38	250	95.00
	Total				67123.26
	Material and Supply 3% of Plantation Cost (insecticide)				2013.70
	i) POL and Machinery 2% of plantation cost (Fertilizer)				1342.47
	ii) Other Charges 5% of Plantation Cost				3356.16
	Total Plantation cost				73835.58
	Total Cost Nursery+ Earthwork+ Plantation (planting year)				115914.20
	Maintenance 1 Year				0.00
A	Nursery				
	Nursery cost of raising plants 25% (including 10% wastage in Nursery and 5% transportation wastage)	1 No.	15.61	287.00	4480.48
					0.00
B	Planting				
	1. Re Kana Stubbing (2nd time)	ha	9575.00	0.25	2393.75
	2. Re Jungle Clearance (2nd time)	ha	2774.01	0.50	1387.01
	3. Reopening of Pits 250 x 0.50 x 0.50 x 0.40	1 m3	69.64	25.00	1741.00
	4. Refilling of pits 250 x 0.50 x 0.50 x 0.30	1 m3	31.33	18.75	567.44
	5. Loading/Unloading of plants	No	0.47	262.00	123.14
	6. Carriage of plants (avg. distance of 10 km)	No	2.30	262.00	602.60
	7. i. Planting	No	4.15	250.00	1037.50
	ii. Reopening of pits	Cmt	0.00		0.00
	iii. Carriage from site to site	No	0.15	250.00	37.50
	8. Spot irrigation (Once)	No	3.45	250.00	862.50
C	Maintenance				
	1. Application of fertilizer (Twice)	No.	0.47	2000.00	940.00
	2. Spot Irrigation (8 times)	No.	3.45	6000.00	20700.00
	3. Weeding & Hoing (Twice)	No.	4.15	2000.00	8300.00
	5. Watch & Ward	Man/Year	9958	10/12	9958.00
	6. Singing and Pruning to plants 50%	No	3.51	500.00	1755.00
	Sub total				50425.43
	i) POL and Machinery of plantation cost (Fertilizer)	Kg			1512.76
	Material and Supply 3% of Plantation Cost				1008.51
	ii) POL and Machinery 2% of plantation cost (Fertilizer)				1008.51
	iii) Other Charges 5% of Plantation Cost				2521.27
	Maintenance Cost without nursery				55467.98
	Total Cost of 1st Year maintenance including nursery				59948.45

Sr. No.	Name of Work	Unit	Unit Cost W.R 383	Proposed Rs. 383/-	
				Qty.	Amount wage rate 383
					0.00
	Maintenance 2nd year				0.00
A	Nursery				2700.77
	Nursery cost of raising plants 15% (including 10% wastage in Nursery and 5% transportation wastage)	No.	15.61	173.00	
					0.00
B	Planting				73.79
1	Loading/Unloading of plants	No.	0.47	157.00	
					0.00
2	Carriage of plants (avg. distance of 10 km)	No.	2.30	157.00	361.10
3	Re opening of pits 150 x 0.50 x 0.50 x 0.40	Cmt	69.59	15.00	1043.65
4	Refilling of pits 150 x 0.50 x 0.50 x 0.30	1 m3	31.33	11.25	352.46
5	I Planting	No.	4.15	150.00	622.50
	II Carriage from site to site	No.	0.15	150.00	22.50
6	Spot Irrigation (Once)	No.	3.45	150.00	517.50
7	ReJungle Clearance	ha	2774.01	0.50	1387.01
8	Singling and Pruning to plants 50%	No.	3.51	500.00	1755.00
					0.00
C	Maintenance				4150.00
1	Weeding & hoeing (once)	No.	4.15	1000.00	4150.00
2	Spot Irrigation (6 times)	No.	3.45	900.00	3105.00
3	Watch & Ward	Man/Year	9958	10/12	9958.00
	Sub total				23348.71
					466.97
4	i) POL and Machinery 2% of plantation cost				1167.44
	ii) Other Charges 5% of Plantation Cost				24983.12
	Cost of 2nd year maintenance without Nursery				27683.89
	Total Cost of 2nd Year Maintenance including Nursery				0.00
	3rd Year Maintenance				0.00
A	Nursery				1795.31
	Nursery cost of raising plants 10% (including 10% wastage in Nursery and 5% transportation wastage)	No.	15.61	115.00	
					0.00
B	Planting				1387.01
1	ReJungle Clearance	ha	2774.01	0.50	1387.01
2	Re opening of pits 100 x 0.50 x 0.50 x 0.40	Cmt	69.59	10.00	695.90
3	Refilling of pits 100 x 0.50 x 0.50 x 0.30	1 m3	31.33	7.50	234.98
4	Loading/Unloading of plants	No.	0.47	105.00	49.35
5	Carriage of plants (avg. distance of 10 km)	No.	2.3	105.00	241.50
6	I Planting	No.	4.15	100.00	415.00
	II Carriage from site to site	No.	0.15	100.00	15.00
7	Spot Irrigation (Once)	No.	3.45	100.00	345.00
	Watch and ward				0.00
					0.00
C	Maintenance				9958.00
1	One man per 10 hac. for tending operations like singling and pruning, weeding, hand watering etc. as per site requirements and simultaneous protection works.	No.	9958	1.00	9958.00
	Cost of 3rd year maintenance without Nursery				13341.73
	Total Cost of 3rd Year Maintenance including Nursery				15137.04
	Grand Total (planting year upto 3rd year Maintenance)				218683.58
	4th Year Maintenance				0.00
	One man for tending operations like singling and pruning, weeding, hand watering etc. as per site requirements and simultaneous protection works.	Man/Year	9958.00	1.00	9958.00
	5th Year Maintenance				0.00
1	One man per 20 hac. for tending operations like singling and pruning, weeding, hand watering etc. as per site requirements and simultaneous protection works.	Man/Year	9958.00	1.00	4979.00
	Entry Point Activities 15 % of Plantation Cost (only for CA)				0.00
	Grand total				233620.58

				Proposed Rs. 383/-	
Sr. No.	Name of Work	Unit	Unit Cost W.R 383	Qty.	Amount wage rate 383
Abstract of Degraded Plantation					
Sr. No.	Component	Wage Rate			Rs.383
1	Plantation Year	Nursery			19512.50
		Earth			22566.12
		Plantation			73835.58
Sub total					115914.20
2	1st Maintenance	Nursery			4480.48
		maintenance works			55467.98
Sub total					59948.45
3	2nd Maintenance	Nursery			2700.77
		maintenance works			24983.12
Sub total					27683.89
4	3rd Maintenance	Nursery			1795.31
		maintenance works			13341.73
Sub total					15137.04
5	4th Maintenance				9958.00
6	5th Maintenance				4979.00
Grand Total					233620.58

1. This is an indicative cost model for CA plantations which can be modified in a site specific manner as per site requirements. While formulating CA schemes for FCA cases all site specific interventions including barbed wire can be incorporated.

2. For NPV component plantations shall be maintained only for three subsequent years after their creation.
3. By remaining within the total annual financial outlay operations can be changed in a site specific manner after recording reasons in writing by DFO after his personal site inspection.
4. In exceptional cases if site treatment requires some additional expenditure it shall involve a prior approval from competent authority after personal inspection and certificate DFO and recommendation from CF.

ESTIMATED COST FOR ENRICHMENT PLANTING IN SHIWALIKS (BOULDERY SOIL)

					Plants/Ha :500
Sr. No.	Nature of Work	Unit	Unit Cost	Quantity	Amount @383
Component					
A. Nursery					
1	Cost of seedling including (a) Original planting=500 Plants. (b) Replacement 10%= 50 Plants (C) Wastage 15 % = 75 Plants Total 625 No. in P. bag	No	15.61	625	9756.25
Sub Total Nursery work					9756.25
B. Soil /Adv Works.					0.00
2	Cutting of Lantana/Mallaha etc. i.e. Jungle clearance 1st time	Ha.	20890.75	0.50	10445.38
3	Lantana stubbing for trenches	Ha.	31335.56	0.10	3133.56
4	Survey and alignment	Ha	1532.00	1.00	1532.00
5	Earth work i.e. digging of trenches of Bouldry Soil size 500 No. x 2 Mtr. x .35 Mtr x .30 Mtr	M3	167.12	105	17547.60
Sub Total Earth Work					32658.53
C. Plantation.					0.00
6	Refilling of trenches 500 No x .0.50 Mtr x .35 Mtr x .25 Mtrm = 21.87 m3	M3	30.93	21.87	676.44
7	Carriage of seedlings by Tractor-Trolley	No	4.04	500	2020.00
8	Carriage of seedlings by M/L lead 500mt.	Mtr	3.58	500	1790.00
9	Loading & unloading of plants	100 No	47.85	5	239.25
10	Planting of seedlings	No	4.86	500	2430.00
11	Planting of Bhabbar Grass including extraction and carriage of tussocks around trenches 5000 and 500 replacements.	100 No	124.48	55	6846.40
12	Preparation of continues brushwood fencing including cutting carriage material (with binding)	100 Mtr	1915	0.5	957.50
13	Application of Insecticides 500 x 1 times = 500	100 No	67	5	335.00
14	Application of fertilizers (twice) 500 x 1 times = 500	100 No	67	5	335.00
15	Preparation of inspection path in Bouldry Soil 50 Mtr x .10 Mtr x 1Mtr= 5 M3	M3	167.12	5	835.60
D. Mtc in Planting Year					
16	Repair i.e. cleaning and dressing of inspection path	M3	167.12	5	835.60
17	Watch and ward for 7 months	Man/ year	6971.02	1/7 man year	9958.00
18	Re-Cutting of lantana/mallaha lind and Illrd times. 0.50 x 2= 1	Ha	6963.12	1.00	6963.12
19	Weeding hoeing i.e. 1000m x 2 = 2000 m	Mtr	2.39	2000	4780.00
20	Application of Insecticides 500 x 1 times = 500	100 No	67.00	5	335.00
21	Application of fertilizers (twice) 500 x 1 times = 500	100 No	67.00	5	335.00

Sr. No.	Nature of Work	Unit	Unit Cost	Quantity	Amount @383
22	i) Desilting of trenches 500 No. x 1.50 mtr x .35 m x .20 = 52.50 M3	M3	63.20	52.5	3318.00
23	Carriage of seedlings by M/L lead 500mt	Mtr	3.58	50	179.00
24	Loading & unloading of plants	100 No	47.85	0.5	23.93
25	Re -Planting of seedlings	No	4.86	50	243.00
26	Covering (25% Plants)	No.	3.42	125	427.50
27	Uncovering	No.	0.37	125	46.25
28	Providing thorny protection to plants against porcupine attack	No.	1.92	150.00	287.25
Sub Total (C+D)					43909.58
E. Material					
29	Material Supply 3% (Plantation & Mtc of Planting Year)				1317.29
30	POL & Machinery 2% (Plantation & Mtc of Planting Year)				878.19
31	Other Charges 5% (Plantation & Mtc of Planting Year)				2195.48
Sub Total Plantation					48300.54
Total Cost of Planting Year (Nursery+Earth work+Plantation)					90715.32
First Maintenance					0.00
1	Nursery cost of seedling (a) Original planting = 125 Plants (b) Replacement 10% = 13 Plants (C) Wastage 15 % = 19 Plants Total 157 No. in P. bag	No	15.61	157	2450.77
2	Re-opening of trenches for replacement 125 no x 50 m x .35m x 0.30m = 6.56 m3	M3	63.20	6.56	414.59
3	Refilling of trenches 125 No. x 0.50m x 0.35m x 0.25m = 5.47 m3	M3	39.76	5.47	217.49
4	Carriage of seedlings by Tractor-Trolly	No	4.04	125	505.00
	Planting of seedlings	No			0.00
5	Carriage of seedlings by manual labour lead 500mt.	100 Mtr	3.58	125	447.50
6	Loading & unloading of plants	100 No	47.85	125	59.81
7	Re- Planting of seedlings	No	4.86	125	607.50
8	Repair of continue brushwood fencing including cutting carriage material 1 Time	100 Mtr	612.78	50	306.39
9	Weeding and hoeing to trenches (Twice)	Mtr	2.39	2000	4780.00
10	i) Desilting of trenches 500 No. x 1.50 mtr x .35 m x .15 = 39.38 M3	M3	63.20	39.38	2488.82
11	Application of insecticides (Twice)	100 No	67.00	10	670.00
12	Application of fertilizers (twice)	100 No	67.00	10	670.00
13	Repair of inspection path 50 Mtr x 10 Mtr x 1Mtr = 5 M3	M3	167.12	5	835.60
14	Re-Cutting of lantana/mallah etc. per ha II & III times	Ha	6963.16	1.00	6963.16
15	Watch and ward for 10 Months	No	9958.00	1/10 man year	9958.00
16	Covering (25% Plants)	No.			0.00
17	Uncovering	No.	0.37	125	46.25

Sr. No.	Nature of Work	Unit	Unit Cost	Quantity	Amount @383
18	Tightening of thorny bushes around the young plants (padding) including cutting and carriage of materials	No.	4.75	120	570
Sub Total 1st maintenance					28970.11
Cost of material					
19	Material Supply 3% (Plantation & Mtc of Planting Year) (insecticides)				795.58
20	POL & Machinery 2% (Plantation & Mtc of Planting Year) (Fertilizers)				530.39
21	Other Charges 5% (Plantation & Mtc of Planting Year)				1325.97
Sub Total 1st year maintenance excluding Nursery					31622.04
Total Cost of First Year Maintenance including Nursery					34072.81
Second Year Maintenance					0.00
1	Nursery cost of seedling (a) Original planting = 75 Plants. (b) Replacement 10% = 8 Plants (C) Wastage 15 % = 11 Plants Total 94 No. in P. bag	No	15.61	94	1467.34
2	Reopening of trenches for replacement 75 no x .50 m x .35 x .30m = 3.94 m3	M3	63.20	3.94	249.01
3	Refilling of trenches 75 No. x 0.50m x 0.35m x 0.25m = 3.28 m3	M3	39.76	3.28	130.41
4	Carriage of seedlings in P bags i) M/L Average Lead 1.5 km	No	3.58	75	268.50
5	ii) Tractor trolley average lead 15 km (1000 plants per trolley)	No	4.04	75	303.00
6	Loading & unloading of plants from T/ Trolley	100 No	47.85	75	35.89
7	Re -Planting of seedlings	No	4.86	75	364.50
8	Repair of continue brushwood fencing including cutting carriage material 1 Time	100 Mtr	612.78	50	306.39
9	Weeding and hoeing to tranches (Once)	Mtr.	2.39	1000	2390.00
10	Application of insecticides (Once)	100 No	67.00	5	335.00
11	Application of fertilizers (Once)	100 No	67.00	5	335.00
12	Repair of inspection path 50 Mtr x .10 Mtr x 1Mtr = 5 M3	M3	167.12	5	835.60
13	Re-cutting of Lantana (subsequent time 0.50 Ha) x 2 times =1.00	Ha	6266.59	1.00	6266.59
14	Providing thorny protection to plants against porcupine attack	No.	1.92	150.00	287.25
15	Watch and ward for 10 Months	No	9958.00	1/10 man year	9958.00
Sub Total excluding nursery					22065.14
Cost of material					

Sr. No.	Nature of Work	Unit	Unit Cost	Quantity	Amount @383
16	Material Supply 3% (Plantation & Mtc of Planting Year) (insecticides)	Litre			617.93
17	POL & Machinery 2% (Plantation & Mtc of Planting Year) (fertilizers)	kg			411.96
18	Other Charges 5% (Plantation & Mtc of Planting Year)				1029.89
Sub Total 2nd year maintenance excluding Nursery					24124.92
Total Cost of Second Year maintenance including Nursery					25592.26
Third Year Maintenance					0.00
1	Nursery cost of seedling (a) Original planting = 50 Plants (b) Replacement 10% = 5 plants (C) Wastage 15 % = 8 Plants Total 63 No. in P. bag	No	15.61	63	983.43
2	Reopening of trenches for replacement 50 no x .50 m x .35 x .30m= 2.63 M3	M3	63.20	2.63	166.22
3	Refilling of trenches 50 No. x 0.50m x 0.35m x 0.25m= 2.19 M3	M3	39.76	2.19	87.07
4	Carriage of seedlings by manual labour lead 500mt.	100 Mtr.	3.58	50	179.00
5	Loading & unloading of plants from T/ Trolly	100 No	47.85	50	23.93
6	ii) Tractor trolly average lead 15 km (1000 plants per trolly)	No	4.04	50	202.00
7	Planting of seedlings	No	4.86	50	243.00
8	Tightening of thorny bushes around the young plants (padding) including cutting and carriage of materials	No.	4.75	50	237.42
9	One Man per ha. For tending Operations like singling pruning, weeding, jungle clearance, repair of inspection path etc. as per site requirements and simultaneous protection work.	Man/ year	9958.00	1/10 man year	9958.00
Sub Total 3rd year maintenance excluding Nursery					11096.63
Cost of material					
10	Material Supply 3% (Plantation & Mtc of Planting Year) (insecticides)				303.40
11	POL & Machinery 2% (Plantation & Mtc of Planting Year) (Fertilizers)				202.26
12	Other Charges 5% (Plantation & Mtc of Planting Year)				505.66
Total 3rd year maintenance excluding Nursery					12107.95
Total Cost of 3rd maintenance					13091.38
4th Year Maintenance					

Sr. No.	Nature of Work	Unit	Unit Cost	Quantity	Amount @383
1	One man for tending operations like singling and pruning, weeding, hand watering etc. as per site requirements and simultaneous protection works	No.		9958.00	9958
	Total cost of 4th Year Maintenance				9958
	5th Year Maintenance				
1	One man per 20 hac. for tending operations like singling and pruning, weeding, hand watering etc. as per site requirements and simultaneous protection works	No.		9958.00	4979
	Total cost of 5th Year Maintenance				4979
	Grand Total				178408.77

ABSTRACT

Sr. No.	Particular	Component	Daily Wage Rate @383
1	Plantation Year	Nursery	9756.25
		Earth work	32658.53
		Plantation	48300.54
	Sub total		90715.32
2	1st Maintenance	Nursery	2450.77
		maintenance works	31622.04
	Sub total		34072.81
3	2nd Maintenance	Nursery	1467.34
		maintenance works	24124.92
	Sub total		25592.26
4	3rd Maintenance	Nursery	983.43
		maintenance	12107.95
	Sub total		13091.38
5	4th Maintenance		9958
6	5th Maintenance		4979
	Grand Total		178408.77

1. This is an indicative cost model for NPV component plantations which shall be maintained only for three subsequent years after their creation.
2. For NPV component plantations shall be maintained only for three subsequent years after their creation.
3. By remaining within the total annual financial outlay operations can be changed in a site specific manner after recording reasons in writing by DFO after his personal site inspection.
4. In exceptional cases if site treatment requires some additional expenditure it shall involve a prior approval from competent authority after personal inspection and certificate DFO and recommendation from CF.

Estimated Cost For Enrichment Planting In Plains			Plants : 500/ Hec.		
Sr. No.	Name of Work	Unit	Unit Cost (in Rs.)	Qty.	Amount
Nursery					
	Nursery cost of raising plants (10% beating up of failure, 10% wastage in Nursery and 5% transportation wastage)	No.	15.61	625	9756.25
A Soil Work					
1	Site / Jungle Clearance (50%)	Ha.	6264.80	0.50	3132.40
2	Alignment & Dagbaling	Ha.	1149.00	1	1149.00
3	Earth works in Digging of Pits 500 x 0.5 m x 0.5 m x 0.4 m (heavy Soil)	1 M3	118.48	50	5924.00
	Kana Stubbing 15%	Ha.	31334.88	0.15	4700.23
Sub Total					14905.63
Total Nursery +Earth Work					24661.88
B Plantation Work					
1	Refilling of Pits 500 x 0.5m x 0.5mx 0.3	1 cum	31.32	37.5	1174.50
2	Loading & Unloading of Plants including 10% replacement and 5% transportation wastage (500+50)	1 No.	0.47	575	270.25
3	Carriage of Plants (including 10% beating up failure+ 5% transportation wastage distance upto 10 km.)	No.	2.30	550	1265.00
4	i) Carriage from Stock site to Pits	No.	0.24	550	132.00
	ii) Planting of Plants	No.	4.15	500	2075.00
5	Spot Irrigation	No.	3.45	500	1725.00
6	Application of Insecticide (2 Times)	No.	0.47	1000	470.00
7	Application of Fertilizers (2 Times)	No.	0.47	1000	470.00
8	Weeding & Hoeing 2 Times	No.	4.15	1000	4150.00
9	Hand Watering (12 Times) Above 50 Mt. Distance	No.	3.45	6000	20700.00
10	Replanting of Plants 10%	No.	16.40	50	820.00
11	Rejungle Clearance (2 Times)	Per Ha.	2774.01	1	2774.01
12	Covering (25% plants) of plants	No.	3.45	125	431.25
13	Uncovering of plants	No.	0.38	50	19.00
14	Restubbing of Kana (1 Time)	Per Ha.	9575.00	0.15	1438.25
15	Round Fencing to individual plants 50%	No.	0.00	0	0.00
16	Laying out & fixing of Barbed Wire	L/s	0.00		0.00
17	Watch & Ward for every 5 Ha. (7 Months)	Man/ Year	9958.00	7/12	9958.00
18	Pruning of Plants 50%	1 No.	3.48	250	870.00
Sub total					48740.26
Material & supply 5%					2437.01
Other charges 5%					2437.01
Total Plantation Cost					53614.29
Total Cost (Nursery+Earth work+Plantation) Planting Year					78276.17
Maintenance 1st. Year					
1	Nursery cost of raising plants 25% (including 10% wastage in Nursery and 5% transportation wastage)	1 No.	15.61	145	2263.45
2	Reopening of Pits 125 x 0.50 x 0.50 x 0.40	1 m3	69.64	12.5	870.50
3	Refilling of pits with earth in other soils 125 x 0.50 x 0.50 x 0.30	1 m3	31.33	9.37	293.56
4	Loading & Unloading of Plants including 5% transportation wastage)	1 No.	0.47	132	62.04

Estimated Cost For Enrichment Planting in Plains

Plants : 500/ Hec.

Sr. No.	Name of Work	Unit	Unit Cost (in Rs.)	Qty.	Amount
5	Carriage of Plants (including 5% transportation wastage) avg. distance upto 10 Km.)	No.	2.34	125	292.50
6	Carriage from Stock site to Pits	No.	0.24	125	30.00
7	Re-Planting to plants	No.	4.15	125	518.75
8	Spot Irrigation	No.	3.44	125	430.00
9	Weeding & Hoeing (Twice)	No.	4.15	1000	4150.00
10	Application of Insecticide (2 Times)	No.	0.47	1000	470.00
11	Application of Fertilizers (2 Times)	No.	0.47	1000	470.00
12	Hand Watering (8 Times) Above 50 Mt. Distance	No.	3.44	4000	13760.00
13	Rejungle Clearance (2 Times)	Per Ha.	2774.01	1	2774.01
14	Restubbing of Kana	Per Ha.	9575.00	0.15	1438.25
15	Watch & Ward for every 5 Ha. (10 Months)	Man/ Year	9958.00	7/12	9958.00
16	Repair of Round Fencing 50%	No.		0	
17	Pruning of Plants 75%	No.	3.49	375	1308.75
18	Repair of Barbed Wire	L/s	0.00		
Sub Total					36824.36
	Material and Supply(5%)	L/s			1841.22
	Other charges(5%)	L/s			1842.14
First year maintenance cost without Nursery Sub Total					40507.72
First year maintenance cost including Nursery Total					42771.17
2nd Year maintenance					
1	Nursery cost of raising plants 15% (including 10% wastage in Nursery and 5% transportation wastage)	1 No.	15.61	87	1358.07
2	Reopening of Pits 75 x 0.50 x 0.50 x 0.40	1 m3	69.64	7.5	522.30
3	Refilling of pits with earth in other soils 75 x 0.50 x 0.50 x 0.30	1 m3	31.33	5.62	176.07
4	Loading & Unloading of Plants including 5% transportation wastage)	1 No.	0.47	79	37.13
5	Carriage of Plants (including 5% transportation wastage) avg. distance upto 10 Km.)	No.	2.30	75	172.50
6	Carriage from Stock site to Pits	No.	0.24	75	18.00
7	Re-Planting to plants	No.	4.15	75	311.25
8	Spot Irrigation	No.	3.44	75	258.00
9	Weeding & Hoeing (Twice)	No.	4.15	1000	4150.00
10	Hand Watering (8 Times) Above 50 Mt. Distance	No.	3.44	4000	13760.00
11	Rejungle Clearance (2 Times)	Per Ha.	2774.01	1	2774.01
12	Pruning to Plants 85%	No.	3.49	425	1483.25
13	Watch & Ward for every 5 Ha. (10 Months)	Man/ Year	9958.00	10/12	9958.00
Sub Total					33620.51
	Other charges(5%)				1681.03
2nd year maintenance cost excluding Nursery Sub Total					35301.54
2nd year maintenance cost including Nursery Total					36659.61
3rd Year Maintenance					
1	Nursery cost of raising plants 10% (including 10% wastage in Nursery and 5% transportation wastage)	No.	15.61	58	905.38
2	Reopening of Pits 50 x 0.50 x 0.50 x 0.40	1 m3	69.64	5	348.20
3	Refilling of pits with earth in other soils 50 x 0.50 x 0.50 x 0.30	1 m3	31.33	3.75	117.49

Estimated Cost For Enrichment Planting In Plains

Plants : 500/ Hec.

Sr. No.	Name of Work	Unit	Unit Cost (in Rs.)	Qty.	Amount
4	Loading & Unloading of Plants (including 5% transportation wastage)	No.	0.47	53	24.91
5	Carriage of Plants (including 5% transportation wastage avg. distance upto 10 Km.)	No.	2.30	50	115.00
6	Carriage from Stock site to Pits	No.	0.24	50	12.00
7	Re-Planting to plants	No.	4.15	50	207.50
8	Spot Irrigation	No.	3.44	50	172.00
9	Weeding & Hoeing (twice)	No.	4.15	1000	4150.00
10	Hand Watering (8 Times) Above 50 Mt. Distance	No.	3.44	4000	13760.00
11	Pruning to Plants 50%	No.	3.49	250	872.50
12	Watch & Ward for every 5 Ha. (10 Months)	Man/ Year	9958.00	10/12.	9958.00
Sub Total					29737.60
Other charges(5%)					1486.88
3rd year maintenance cost excluding Nursery Sub Total					31224.48
3rd year maintenance cost including Nursery Total					32129.86
4th Year Maintenance					
1	Watch & Ward for every 10 Ha. (10 Months)	Man/ Year	9958	10/12.	9958
Sub Total					9958.00
5th Year Tending Operations					
1	Watch & Ward for every 10 Ha. (10 Months)	Man/ Year	9958	10/12.	4979
Sub Total					4979.00
Grand Total					204773.81

Abstract

Sr. No.	Particular	Component	Wage Rate
			383
1	Plantation Year	Nursery	9756.25
		Earth work	14905.63
		Plantation	53614.29
	Sub total		78276.17
2	1st Maintenance	Nursery	2263.45
		maintenance works	40507.72
	Sub total		42771.17341
3	2nd Maintenance	Nursery	1358.07
		maintenance works	35301.54
	Sub total		36659.61033
4	3rd Maintenance	Nursery	905.38
		maintenance works	31224.48
	Sub total		32129.85738
	4th Maintenance		9958.00
	5th Maintenance		4979.00
	Grand Total		204773.81

1. This is an indicative cost model for NPV component plantations which shall be maintained only for three subsequent years after their creation.
2. For NPV component plantations shall be maintained only for three subsequent years after their creation.
3. By remaining within the total annual financial outlay operations can be changed in a site specific manner after recording reasons in writing by DFO after his personal site inspection.
4. In exceptional cases if site treatment requires some additional expenditure it shall involve a prior approval from competent authority after personal inspection and certificate DFO and recommendation from CF

Estimated cost for Waterlogged plantation under NPV

Daily Wage Rate: Rs. 383

S.No	Component	Unit			
			Qty	Unit cost W.R (383)	Amount @ WR 383
A	Nursery				
	Nursery cost of raising plants (10% beating up of failure, 10% wastage in Nursery and 5% transportation wastage)	No.	1250	15.61	19512.5
	Soil Works				
1	Site clearance				
i	Jungle Clearance	Ha	0.25	6264.79	1566.2
ii	stubbing of tall grasses	Ha	0.15	31334.88	4700.2
2	Alignment and Dag bailing	Ha	1	1149.00	1149.0
3	Earthwork 3000 Mt. Long				
	Ridge base 1.00 M	cum	1200	90.54	108648.0
	Top 0.6 M				
	Height 0.5 M				
	Sub Total				116063.4
	Total (Nursery+ Earth work)				135575.9
C	Plantation				
1	Loading & Unloading of plants	No.	1100	0.48	528.0
2	Carriage of plants (avg. distance upto 10 Km)	No.	1100	2.30	2530.0
3 i.	Digging of slots (Size .30*.30*.20m on ridge)	cmt.	18	69.60	1252.8
ii	Planting	No.	1000	4.15	4150.0
iii	Carriage from site to site	No.	1000	0.15	150.0
4	Application of insecticides	No.	1000	0.47	470.0
5	Spot irrigation	No.	1000	3.45	3450.0
D	Maintenance				
1	Re stubbing of tall grasses	ha.	0.15	9575.00	1436.3
2	Re Jungle Clearance (2 times)	ha.	0.5	2744.01	1372.0
3	Replacement of failures including reopening of slots 10%	No.	100	16.40	1640.0
4	Weeding & hoeing (twice)	No.	2000	4.15	8300.0
5	Application of fertilizer (twice)	No.	2000	0.47	940.0
6	Sport irrigation (3 times)	No.	3000	3.44	10320.0
7	Watch & Ward for every 10 ha. Of plantations	Man/ Year	07/12.	9958	9958.0
					46497.1
E	Material				
3	Material and Supply 3% of Plantation Cost				1394.9
4	POI. and Machinery 2% of plantation cost				929.9
5	Other Charges 5% of Plantation Cost				2324.9
	Total Cost of Plantation				51146.8

S.No	Component	Unit			
			Qty	Unit cost W.R (383)	Amount @ WR 383
	Total Cost of Planting Year (Nursery+Earthwork+Plantation)				186722.7
FIRST MAINTENANCE					
A	Nursery				
	Nursery cost of raising plants 25% (including 10% wastage in Nursery and 5% transportation wastage)	No.	287	15.61	4480.1
B	Planting				
1	Re stubbing of tall grasses	Ha.	0.15	9575.00	1436.3
2	Re Jungle Clearance (2 times)	Ha.	0.50	2774.01	1387.0
3	Loading/ unloading of plants	No.	250	0.47	117.5
4	Carriage of plants (avg. distance upto 10 Km)	No.	250	2.30	575.0
5 i.	Planting	No.	250	4.15	1037.5
ii	Re opening 250*.30*.30*.10	cmt	2.25	69.59	156.6
iii	Carriage from site to site	No.	250	0.15	37.5
6	Spot irrigation (Once)	No.	250	3.45	862.5
C	Maintenance				
1	Application of fertilizers (twice)	No.	2000	0.44	880.0
2	Spot irrigation (2 times)	No.	2000	3.44	6880.0
3	Weeding & hoeing (twice)	No.	2000	3.86	7720.0
4	Watch & Ward for every 10 ha. Of plantations	Man/ Year	10/12.	9958.00	9958.0
5	Singling and Pruning to plants 50%	No.	500	3.51	1755.0
					32802.8
D	Material				
3	Material and Supply 3% of Plantation Cost				984.1
4	POL and Machinery 2% of plantation cost				656.1
5	Other Charges 5% of Plantation Cost				1640.1
	Maintenance cost without Nursery				36083.1
	Total cost of First Year Maintenance including Nursery				40563.2
SECOND MAINTENANCE					
A	Nursery				
	Nursery cost of raising plants 15% (including 10% wastage in Nursery and 5% transportation wastage)	No.	173	15.61	2700.5
B	Planting				
1	Loading/ unloading of plants	No.	150	0.47	70.5
2	Carriage of plants (avg. distance upto 10 Km)	No.	150	2.30	345.0
3 i.	Planting	No.	150	4.15	622.5
ii	Re opening 150*.30*.30*.10	cmt	1.35	69.59	93.9
iii	Carriage from site to site	No.	150	0.15	22.5
4	Spot irrigation (Once)	No.	150	3.44	516.0
C	Maintenance				0.0
1	Weeding & hoeing	No.	1000	4.15	4150.0

S.No	Component	Unit			
			Qty	Unit cost W.R (383)	Amount @ WR 383
2	Spot irrigation to replacement (Thrice)	No.	450	3.44	1548.0
4	Watch & Ward for every 10 ha. Of plantations	Man/ Year	10/12.	9958.00	9958.0
5	Jungle Clearance	Ha.	0.25	2774.01	693.5
6	Singling and Pruning to plants 40%	No.	400	3.51	1404.0
Sub Total					19423.9
D	Material				
1	Material and Supply 3% of Plantation Cost				582.7
2	POL and Machinery 2% of plantation cost				388.5
3	Other Charges 5% of Plantation Cost				971.2
2nd year Maintenance cost without Nursery					21366.3
Total cost of Second Year Maintenance including Nursery					24066.9
THIRD MAINTENANCE					
S.No	Component	Unit			
A	Nursery				
	Nursery cost of raising plants 10% (including 10% wastage in Nursery and 5% transportation wastage)	No.	115	15.61	1795.2
B	Planting				
1	Loading/ unloading of plants	No.	100	0.47	47.0
2	Carriage of plants (avg. distance upto 10 Km)	No.	100	2.30	230.0
3 i.	Planting	No.	100	4.15	415.0
ii	Re opening 100*.30*.30*.10	cmt	0.90	69.59	62.6
iii	Carriage from site to site	No.	100	0.15	15.0
4	Spot irrigation (Once)	No.	100	3.44	344.0
Watch & Ward					
C	Maintenance				
1	One man per 10 hac. for tending operations like singling and pruning, weeding, hand watering etc. as per site requirements and simultaneous protection works	Man/ Year		9958	9958.00
3rd Year Maintenance cost without Nursery					11071.63
Total cost of Third Year Maintenance including Nursery					12866.78
1	4th Year Maintenance				
	One man for tending operations like singling and pruning, weeding, hand watering etc. as per site requirements and simultaneous protection works	No.		9958	9958.0

S.No	Component	Unit			
			Qty	Unit cost W.R (383)	Amount @ WR 383
	Total cost of 4th Year Maintenance				9958.0
1	5th Year Maintenance				
	One man per 20 hac. for tending operations like singling and pruning, weeding, hand watering etc. as per site requirements and simultaneous protection works	No.		9958	4979.0
	Total cost of 5th Year Maintenance				4979.0
	Entry Point Activities 15 % of Plantation Cost (only for CA)				
	G. Total				279156.53

Abstract

Sr. No.	Particular	Component	Daily Wage Rate @383
1	Plantation Year	Nursery	19513
		Earth work	116063.43
		Plantation	51146.76
	Sub total		186723
2	1st Maintenance	Nursery	4480.07
		maintenance works	36083.12
	Sub total		40563.18575
3	2nd Maintenance	Nursery	2700.53
		maintenance works	21366.34
	Sub total		24066.8739
4	3rd Maintenance	Nursery	1795.15
		maintenance works	11071.63
	Sub total		12866.781
	4th Maintenance		9958
	5th Maintenance		4979
	Grand Total		279156.53

- Note: 1.** This is an indicative cost model for CA plantations which can be modified in a site specific manner as per site requirements. While formulating CA schemes for FCA cases other site specific interventions including barbed wire can be incorporated.
- 2.** For NPV component plantations shall be maintained only for three subsequent years after their creation.
- 3.** By remaining within the total annual financial outlay operations can be changed in a site specific manner after recording reasons in writing by DFO after his personal site inspection.
- 4.** In exceptional cases if site treatment requires some additional expenditure it shall involve a prior approval from competent authority after personal inspection and certificate DFO and recommendation from CF.

Estimated cost per ha of plantation of Alkaline Model under NPV					
Daily Wage Rate: Rs.383					
S.No	Component	Unit	Qty	Unit cost W.R Rs. 383	Amount wage rate 383
A	Nursery				
	Nursery cost of raising plants (10% beating up of failure, 10% wastage in Nursery and 5% transportation wastage)	No.	1250	15.61	19512.50
B	Soil Working				
1	Site clearance				
i	Jungle Clearance	Ha	0.25	6264.79	1566.20
ii	II. Kana Stubbing	Ha	0.10	31334.19	3133.42
iii	Ploughing (Twice)	Ha	2.00	6965.12	13930.24
iv	Harrowing (Twice)	Ha	2.00	0.00	0.00
	Alignment and Dag bailing	Ha	1.00	1915.00	1915.00
3	EARTH WORK				
	Channels 2500m x .30m x .30m				
	Pasels 200m x .5m x .4m				
	M. Khal 100m x 1m x .5m				
	Pits 1000m x .5m x .5m x .4m	cum	415.0	118.41	49140.15
	Total Cost on advance work				69685.01
	Total cost of advance work including Nursery				89197.51
C	Plantation				
1	Loading & Unloading of plants	No.	1100	0.47	517.00
2	Carriage of plants (avg. distance upto 10 Km)	No.	1100	2.30	2530.00
3 i.	Planting	No.	1000	4.15	4150.00
ii	Carriage of plants (avg. distance upto 10 Km)	No.	1000	0.15	150.00
iii	Refilling of Pits 1000*.50*.50*.30	m3	75	1.21	90.75
4	Application of gypsum	No.	1000	0.47	470.00
5	Application of FYM	No.	1000	0.47	470.00
6	Application of insecticides to Plants	No.	1000	0.47	470.00
7	Spot irrigation	No.	1000	3.45	3450.00
D	Maintenance				
1	Re Jungle Clearance (2 times)	Ha.	0.50	2774.01	1387.01
2	Application of fertilizer (twice)	No.	2000	0.47	940.00
3	Replacement of failures including reopening of slots 10%	No.	100	11.17	1117.00
4	Weeding & hoeing (twice)	No.	2000	4.15	8300.00
5	Flow irrigation 10 times	Ha.	10	766.00	7660.00
6	Watch & Ward one labourer for each 10 ha. Of plantation for 7 Month	man year	7/12.	9958	9958.00
7	Harrowing twice between lines	Ha.	2.00	3830.00	7660.00
8	Clearance of trenches, pasels & khals (twice)	M	5600	2.30	12880.00
9	Covering (50% Plants)	No.	500	3.45	1725.00
10	Uncovering	No.	500	0.38	190.00
	Sub Total				64114.76
E	Material				0.00
1	insecticides	Lts.	5	736.54	3682.70
2	Fertilizer	Kg.	100	11.78	1178.00
3	Gypsum including carriage	Qtl.	50	250.43	12521.50
4	FYM	Qtl.	50	117.85	5892.50
5	i) POL and Machinery 2% of plantation cost				1282.30

No	Component	Unit	Qty	Unit cost W.R Rs. 383	Amount wage rate 383
	ii) Other Charges 5% of Plantation Cost				3205.74
	Sub Total of Material				27762.73
	Total Cost of Plantation				91877.49
	Total Cost of Planting Year (Nursery+Earthwork+ Plantation)				181074.99
FIRST MAINTENANCE					
A	Nursery				
	Nursery cost of raising plants 25% (including 10% wastage in Nursery and 5% transportation wastage)	No.	287.00	15.61	4480.07
F	Planting				
1	Re Jungle Clearance (2 times)	Ha.	0.5	2774.01	1387.01
2	Loading/ unloading of plants	No.	262.00	0.47	123.14
3	Carriage of plants	No.	262.00	2.30	602.60
4	Planting including reopening of slots and carriage from sites to site	No.	250.00	7.78	1945.00
5	Sport Watering	No.	250.00	3.45	862.50
C	Maintenance			0.00	0.00
1	Weeding & hoeing 2 times	No.	2000	4.15	8300.00
2	Flow irrigation 8 times	Ha.	8	766.00	6128.00
3	Application of fertilizers 2 times	No.	2000	0.47	940.00
4	Harrowing twice between lines	Ha.	2.00	3830.00	7660.00
5	Clearance of trenches etc.	M	2800	2.30	6440.00
6	Watch and Ward	man/ year	10/12.	9958.00	9958.00
	Sub Total				44346.25
7	i)Material Supply 3 % plantation cost				1330.39
	ii) POL and Machinery 2% of plantation cost				886.92
	iii) Other Charges 5% of Plantation Cost				2217.31
	Cost of First year Maintenance without Nursery				48780.87
	Total cost of First year Maintenance including Nursery				53260.94
SECOND YEAR MAINTENANCE					
A	Nursery				
	Nursery cost of raising plants 15% (including 10% wastage in Nursery and 5% transportation wastage)	No.	173	15.61	2700.53
B	Planting				0.00
1	Re Jungle Clearance	Ha.	0.1	2774	277.40
2	Loading/ unloading of plants	No.	157	0	0.00
3	Carriage of plants	No.	157	2	314.00

No	Component	Unit	Qty	Unit cost W.R Rs. 383	Amount wage rate 383
4	Replanting including reopening of slots and carriage from sites to site	No.	150	8	1200.00
5	Sport Watering	No.	150	3	450.00
C Maintenance					0
1	Weeding & hoeing	No.	1000	4	4000.00
2	Flow irrigation 4 times	Ha.	4	766	3064.00
3	Application of fertilizers 2 times	No.	2000	0.47	940.00
4	Harrowing twice between lines	Ha.	2.00	3830	7660.00
5	Clearance of trenches etc.	M	2800	2	5600.00
6	Watch and Ward	man/ year	10/12.	9958.00	9958.00
Sub total					33463.40
i) Material Supply 3 % plantation cost					1003.90
ii) P.O.I. and Machinery 2% of plantation cost					669.27
iii) Other Charges 5% of Plantation Cost					1673.17
Cost of Second year Maintenance without Nursery					36809.74
Total cost of Second year Maintenance including Nursery					39510.27
THIRD YEAR MAINTENANCE					
A	Nursery				
	Nursery cost of raising plants 10% (including 10% wastage in Nursery and 5% transportation wastage)	No.	115	15.61	1795.15
B	Planting				
1	Re Jungle Clearance	Ha.	0.10	2774.01	277.40
2	Loading/ unloading of plants	No.	105	0.47	49.35
3	Carriage of plants	No.	105	2.30	241.50
3	Replanting including reopening of slots and carriage from sites to site	No.	100	7.77	777.00
4	Sport Watering	No.	100	3.44	344.00
C	Maintenance				
1	One man per 10 hac. for tending operations like singling and pruning, weeding, hand watering etc. as per site requirements and simultaneous protection works	No.		9958	9958.00
Cost of Third year Maintenance without Nursery					11647.25
Total cost of Third year Maintenance including Nursery					13442.40

S.No	Component	Unit	Qty	Unit cost W.R Rs. 383	Amount wage rate 383
1	4th Year Maintenance				
	One man for tending operations like singling and pruning, weeding, hand watering etc. as per site requirements and simultaneous protection works	No.	1	9958	9958.00
	Total cost of 4th year Maintenance				9958.00
1	5th Year Maintenance				
	One man per 20 hac. for tending operations like singling and pruning, weeding, hand watering etc. as per site requirements and simultaneous protection works	No.	0.50	9958	4979.00
	Total cost of 5th year Maintenance				4979.00
	Entry Point Activities 15 % of Plantation Cost (only for CA)				
	Grand Total				302225.60

Abstract

Sr. No.	Component	Wage Rate	Daily Wage Rate @383
1	Plantation Year	Nursery	19513
		Earth work	69685.01
		Plantation	91877.49
	Sub total		181075
2	1st Maintenance	Nursery	4480.07
		maintenance	48780.87
	Sub total		53260.94
3	2nd Maintenance	Nursery	2700.53
		maintenance	36809.74
	Sub total		39510.27
4	3rd Maintenance	Nursery	1795
		maintenance works	11647.25
	Sub total		13442
	4th Maintenance		9958
	5th Maintenance		4979
	Grand Total		302225.60

1. This is an indicative cost model for CA plantations which can be modified in a site specific manner as per site requirements. While formulating CA schemes for FCA cases all site specific interventions including barbed wire can be incorporated.

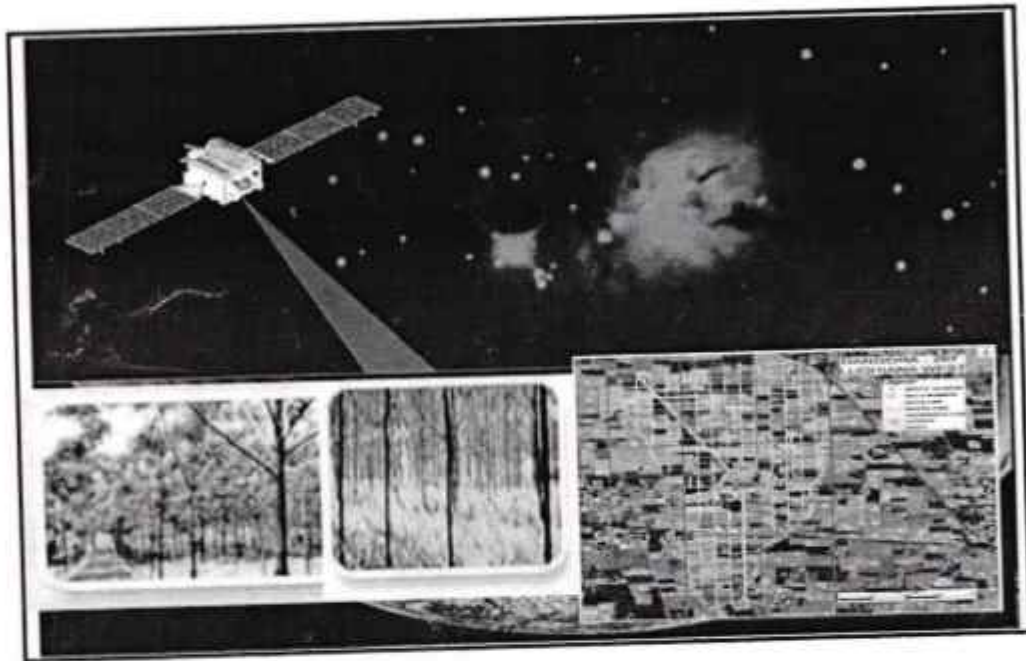
2. For NPV component plantations shall be maintained only for three subsequent years after their creation.

3. By remaining within the total annual financial outlay operations can be changed in a site specific manner after recording reasons in writing by DFO after his personal site inspection.

4. In exceptional cases if site treatment requires some additional expenditure it shall involve a prior approval from competent authority after personal inspection and certificate DFO and recommendation from CF.

Project Proposal

**DELINEATION OF FOREST BOUNDARY USING SATELLITE IMAGE
AND CADASTRAL MAP OF VILLAGE MATTEWARA USING
GEOSPATIAL TECHNOLOGY**



**Submitted to
Department of Forest, Environment and Wild Life Preservation
Govt. of Punjab**



Punjab Remote Sensing Centre (PRSC)
(A Govt. of Punjab Enterprise, under Dept of A&FW)

PAU Campus, Ludhiana

(www.prsc.gov.in)

Telephone No. 0161-2303484

Email: contact@prsc.gov.in

25-01-2022

A Project Proposal On
DELINEATION OF FOREST BOUNDARY USING SATELLITE IMAGE
AND CADASTRAL MAP OF VILLAGE MATTEWARA USING
GEOSPATIAL TECHNOLOGY

Background

This is with reference to discussion dated 25th January, 2022 that Forest Department needs delineation of forest boundary using satellite image and digitization of cadastral map for the Mattewara forest area of district Ludhiana, Punjab. The mapping will be carried out using available Satellite Remote Sensing images and GIS techniques.

Scope of Work

Based on discussion scope of work envisaged by PRSC is as below:

- a) To plot forest boundaries with the help of Remote Sensing and GIS as per inputs provided by Forest Department. .
- b) To mark delisted khasra's as per revenue records and cadastral maps of the respective villages as provided.
- c) Geo referencing of digitized cadastral maps using Survey of India SOI points.
- d) Overlaying of the above maps on high resolution Satellite data available with PRSC of 2010 vintage (If latest images required that shall be procured as per need of the dept
- e) Creation of Aks Shajra Map on 1:2500 scale.

The Aks Shajra Map as envisaged is to give details of

- a) Village 'abadi' within 'lal lakir', roads and canals including any bridges. Size of 'Karam' in inches should invariably be indicated in one corner of the Aks Shajra.
- b) Plan of the delisted land showing structures/fixtures of high value including major roads, abadis/sub-urban areas, buildings, forest area etc and other important features.

Deliverables

- A) Digital database of Aks Sajra in Shapefile format

Project Duration

The data will be delivered in the digital format within one to two months from the date of issue of work order and advance payment whichever is later.

Requirements/Support from Forest Department:

- The Forest Department will provide cadastral (Revenue maps) data and other ancillary information required for digitization and GIS data creation.
- Department will depute a nodal person with PRSC and departmental revenue official for field team visit to provide necessary support.

Note: PRSC will not be responsible for any disputed land ownership/any unforeseen variation on the ground realities such as encroached land etc. On legal matters.

Commercial Estimates:

The study area including delisted khasras will be approximately 1000 hectares.

S.No	Description	Rate (INR)	Total Mapping Area in ha (Approximately)	Total Cost (Rs.)
1	Creation of Aks Shajra of the Mattewara Villages and superimposing it on the satellite imagery.	Rs. 550/- per hectare	1000	5,50,000/-

Terms & Conditions

- 100% advance payment of the Performa invoice value in order to procurement of satellite data from NDC/NRSC/ISRO GoI, Hyderabad in case of latest satellite image i.e six month older from the date of placing the order (As per dept of Forest requirements).
- Work will start from the date of receipt of advance payment as mentioned in the commercial estimates.
- Necessary support from the forest department as may be required time to time for the success of the project.

ਮਹਾਵੀਰ ਸਿੰਘ, ਆਈ.ਐੱਫ.ਐੱਸ. ਵਣ ਪਾਲ ਨਾਰਥ ਸਰਕਲ, ਹੁਸ਼ਿਆਰਪੁਰ ਜੀ ਦੀ ਪ੍ਰਧਾਨਗੀ ਹੇਠ ਸਾਲ 2020-21 ਦੇ ਪਨਕੋਪਾ ਦੇ ਏ.ਪੀ.ਓ. ਵਿੱਚ ਸ਼ਾਮਲ ਕੀਤੇ ਅਤੇ ਸਾਲ 2021-22 ਦੇ ਏ.ਪੀ.ਓ. ਵਿੱਚ ਸ਼੍ਰੇਣੀ ਸੁਰੱਖਿਆ ਦੇ ਫੰਡ ਨੂੰ ਸਿਧਾ ਸਬੰਧੀ ਮਿਤੀ 09.12.2020 ਅਤੇ ਮਿਤੀ 15.12.2020 ਨੂੰ ਕੀਤੀ ਗਈ ਮੀਟਿੰਗ ਦੀ ਕਾਰਵਾਈ ਸਬੰਧੀ।

ਚੀਫ ਐਗਜ਼ਕਿਊਟਿਵ ਅਫਸਰ, ਪੰਜਾਬ ਕੋਪਨਸਟੇਰੀ ਅਵਾਰਡਸਟੇਸ਼ਨ ਫੰਡਸ ਮੈਨੇਜਮੈਂਟ ਪਲੇਨਿੰਗ ਅਥਾਰਟੀ ਜੀ ਵੱਲੋਂ ਆਪਣੇ ਹੁਕਮ ਵਿੱਲਅੰਕਟ ਨੰ: SPL/2462-69 ਮਿਤੀ 07-12-2020 ਰਾਹੀਂ ਕਠਿਤ ਕੀਤੀ ਗਈ ਕਮੇਟੀ ਦੀ ਮੀਟਿੰਗ ਸ਼੍ਰੀ ਮਹਾਵੀਰ ਸਿੰਘ, ਆਈ.ਐੱਫ.ਐੱਸ. ਵਣ ਪਾਲ ਨਾਰਥ ਸਰਕਲ, ਹੁਸ਼ਿਆਰਪੁਰ ਜੀ ਦੀ ਪ੍ਰਧਾਨਗੀ ਹੇਠ ਚੀਫਿਓ ਕੋਨਟਰੋਲ ਰਾਹੀਂ ਅਤੇ ਬਾਕੀ ਅਧਿਕਾਰੀਆਂ ਵੱਲੋਂ ਨਿੱਜੀ ਪੱਧਰ ਤੇ ਵਣ ਡਵਨ ਸੈਕਟਰ-68 ਮਿਹਾਲੀ ਵਣ ਪਾਲ ਸ਼ਿਵਾਲਿਕ ਸਰਕਲ ਦੇ ਵਰਤਕ ਵਿਖੇ ਨਿੱਜੀ ਪੱਧਰ ਤੇ ਹਾਜਰ ਹੋਕੇ ਮੀਟਿੰਗ ਵਿੱਚ ਚਾਗ ਲਿਆ ਅਤੇ ਮੀਟਿੰਗ ਵਿੱਚ ਸਾਲ 2020-21 ਦੇ ਪਨਕੋਪਾ ਦੇ ਏ.ਪੀ.ਓ. ਵਿੱਚ ਸ਼ਾਮਲ ਕੀਤੇ ਅਤੇ ਸਾਲ 2021-22 ਦੇ ਏ.ਪੀ.ਓ. ਵਿੱਚ ਸ਼੍ਰੇਣੀ ਸੁਰੱਖਿਆ ਦੇ ਫੰਡ ਨੂੰ ਸਿਧਾ ਸਬੰਧੀ ਮਿਤੀ 09.12.2020 ਨੂੰ ਮੀਟਿੰਗ ਕੀਤੀ ਗਈ। ਮੀਟਿੰਗ ਵਿੱਚ ਹੇਠ ਲਿਖੇ ਅਨੁਸਾਰ ਅਧਿਕਾਰੀਆਂ ਨੇ ਚਾਗ ਲਿਆ:-

ਲੜੀ ਨੰ:	ਨਾਂ ਅਤੇ ਅਹੁਦਾ	ਕਮੇਟੀ ਵਿੱਚ ਏਜੰਸੀ	ਵਿਸ਼ੇਸ਼ ਕਾਰਨ
1	ਸ਼੍ਰੀ ਮਹਾਵੀਰ ਸਿੰਘ, ਆਈ.ਐੱਫ.ਐੱਸ. ਵਣ ਪਾਲ, ਨਾਰਥ ਸਰਕਲ	ਚੇਅਰਮੈਨ	ਚੀਫਿਓ ਕੋਨਟਰੋਲ ਰਾਹੀਂ
2	ਸ਼੍ਰੀ ਨਰਿੰਦਰ ਮਹਾਜਨ, ਆਈ.ਐੱਫ.ਐੱਸ. ਵਣ ਮੋਡਲ ਅਫਸਰ ਹੁਸ਼ਿਆਰਪੁਰ	ਮੈਂਬਰ ਸੈਕਟਰੀ	ਨਿੱਜੀ ਪੱਧਰ ਤੇ
3	ਸ਼੍ਰੀ ਹਰਜਿੰਦਰ ਸਿੰਘ, ਜਿਲ੍ਹਾ ਸ਼੍ਰੇਣੀ ਸੁਰੱਖਿਆ ਅਫਸਰ, ਮਿਹਾਲੀ	ਮੈਂਬਰ	ਨਿੱਜੀ ਪੱਧਰ ਤੇ
4	ਸ਼੍ਰੀ ਕੁਠਾਲਨਪ੍ਰੀਤ ਸਿੰਘ, ਪੀ.ਐੱਫ.ਐੱਸ. ਵਣ ਮੋਡਲ ਅਫਸਰ ਮਿਹਾਲੀ	ਮੈਂਬਰ	ਨਿੱਜੀ ਪੱਧਰ ਤੇ
5	ਸ਼੍ਰੀ ਸਤਿੰਦਰ ਸਿੰਘ, ਪੀ.ਐੱਫ.ਐੱਸ. ਵਣ ਮੋਡਲ ਅਫਸਰ ਨਵਸਾਹਿਬ	ਮੈਂਬਰ	ਨਿੱਜੀ ਪੱਧਰ ਤੇ

ਮੀਟਿੰਗ ਵਿੱਚ ਸਾਲ 2020-2021 ਦੇ ਪਨਕੋਪਾ ਦੇ ਏ.ਪੀ.ਓ. ਵਿੱਚ ਸ਼ਾਮਲ ਕੀਤੇ ਅਤੇ ਸਾਲ 2021-22 ਦੇ ਏ.ਪੀ.ਓ. ਵਿੱਚ ਸ਼੍ਰੇਣੀ ਸੁਰੱਖਿਆ ਦੀਆਂ ਹੇਠ ਲਿਖੇ ਅਨੁਸਾਰ ਆਈਟਮਾਂ ਦੇ ਫੰਡ ਨੂੰ ਲਾਗੂ ਕਰਨ ਸਬੰਧੀ ਅਤੇ ਵਿਚਾਰ ਵਟਾਂਦਰਾ ਕੀਤਾ ਗਿਆ।

S.No	Name of work	Unit	Rate
1	Brush wood check dam	RMT	154/- as per APO
2	Land slip control	Nos.	As per schedule of Rates
3	Live hedge	Mtr.	98000/- as per APO
4	Dry stone masonry	M ³	882/-
5	Cement masonry structure	M ³	3940/-
6	Crate wire Structure	M ²	1810/-

ਲੜੀ ਨੰ: 1 ਤੋਂ 3- ਮੀਟਿੰਗ ਵਿੱਚ ਹਾਜਰ ਅਧਿਕਾਰੀਆਂ ਵੱਲੋਂ ਉਪਰੋਕਤ ਆਈਟਮਾਂ ਦੇ ਲੜੀ ਨੰ:1, 2 ਅਤੇ 3 ਤੇ ਦਰਜ ਕੀਤੇ (Brush wood check dam, Land slip control and Live hedge) ਦੇ ਫੰਡ ਨੂੰ ਵਾਯਦ ਉਪਲੱਭ ਪਾਇਆ ਗਿਆ ਕਿ ਇਨ੍ਹਾਂ ਆਈਟਮਾਂ ਦੇ ਫੰਡ ਸਾਲ 2020-21 ਦੇ ਪਨਕੋਪਾ ਦੇ ਏ.ਪੀ.ਓ. ਵਿੱਚ ਸਹੀ ਦਰਜ ਕੀਤੇ ਗਏ

ਹਨ ਅਤੇ ਮੀਟਿੰਗ ਵਿੱਚ ਸ਼ਾਮਲ ਸਮੂਹ ਅਧਿਕਾਰੀਆਂ ਵੱਲੋਂ ਸਹਿਮਤੀ ਪ੍ਰਗਟਾਉਂਦੇ ਹੋਏ ਇਹ ਰਾਏ ਦਿੱਤੀ ਕਿ ਇਨ੍ਹਾਂ ਦੋਨਾਂ ਅਨੁਸਾਰ ਹੀ ਸਾਲ 2020-21 ਅਤੇ ਭਵਿੱਖ ਦੇ APO ਵਿੱਚ ਇਹ ਨੀਮ ਇਨ੍ਹਾਂ ਰੋਟਾਂ ਤੋਂ ਕਰਵਾਇਆ ਜਾ ਸਕਦਾ ਹੈ।

ਲੜੀ ਨੰ:4 - Dry stone masonry APO ਅਨੁਸਾਰ Dry stone masonry ਦਾ ਰੋਟ 882/-ਰੁਪਏ Per M³ ਦਾ ਸੀ, ਕਿਉਂਕਿ ਇਹ ਰੋਟ ਪੁਰਾਣੇ CSR ਅਨੁਸਾਰ ਕੈਲਕੂਲੇਟ ਕੀਤੇ ਗਏ ਸਨ। ਹੁਣ ਮਿਤੀ 24.08.2020 ਨੂੰ CSR ਗੋਦਾਵੀਜ਼ ਹੋਇਆ ਹੈ ਅਤੇ ਨਵੇਂ ਪਰੀਮੀਅਮ ਲਾਗੂ ਹੋਏ ਹਨ। ਜਿਸ ਅਨੁਸਾਰ Dry stone masonry ਦਾ ਰੋਟ 1245.33/-ਰੁਪਏ Per M³ ਬਣਦਾ ਹੈ ਨਾਲ ਨੀਮੀ(ਅਨੁਲੰਬ-Α) ਮੀਟਿੰਗ ਵਿੱਚ ਸ਼ਾਮਲ ਸਮੂਹ ਅਧਿਕਾਰੀਆਂ ਵੱਲੋਂ ਇਸ ਸਬੰਧੀ ਸਹਿਮਤੀ ਪ੍ਰਗਟਾਉਂਦੇ ਹੋਏ ਇਹ ਰਾਏ ਦਿੱਤੀ ਗਈ ਕਿ ਇਨ੍ਹਾਂ ਰੋਟਾਂ ਅਨੁਸਾਰ ਹੀ ਸਾਲ 2020-21 ਅਤੇ ਭਵਿੱਖ ਦੇ APO ਵਿੱਚ ਕੰਮ ਕਰਵਾਇਆ ਜਾ ਸਕਦਾ ਹੈ।

ਲੜੀ ਨੰ: 5-Cement masonry structure:- APO ਅਨੁਸਾਰ Cement masonry structure ਦਾ ਰੋਟ 3940/-ਰੁਪਏ Per M³ ਦਾ ਸੀ, ਕਿਉਂਕਿ ਇਹ ਰੋਟ ਪੁਰਾਣੇ CSR ਅਤੇ ਪੁਰਾਣੇ ਪਰੀਮੀਅਮ ਨਾਲ ਕੈਲਕੂਲੇਟ ਕੀਤੇ ਗਏ ਸਨ, ਹੁਣ ਮਿਤੀ 24.8.2020 ਨੂੰ CSR ਗੋਦਾਵੀਜ਼ ਹੋਇਆ ਹੈ ਅਤੇ ਨਵੇਂ ਪਰੀਮੀਅਮ ਲਾਗੂ ਹੋਏ ਹਨ। ਕਮੇਟੀ ਦੇ ਮੈਂਬਰਾਂ ਵੱਲੋਂ ਇਹ ਰਾਏ ਦਿੱਤੀ ਗਈ ਕਿ ਇਹ ਕੰਮ ਵਿਭਾਗੀ ਤੌਰ ਤੇ ਜੇ.ਐੱਫ.ਐੱਮ. ਕਮੇਟੀਆਂ ਜਾਂ ਲੇਬਰ ਰਾਹੀਂ ਕਰਵਾਏ ਜਾਣੇ ਹਨ। ਇਸ ਲਈ ਸੀਮੈਂਟ ਮਿਸ਼ਰਣ ਸਟੇਂਡਰਡ ਦਾ ਰੋਟ ਕੈਲਕੂਲੇਟ ਕਰਨ ਲਈ ਜਿਲ੍ਹਾ ਰੂਮੀ ਸੁਰੱਖਿਆ ਅਫਸਰ ਮੋਹਾਲੀ, ਨਵੀਂ ਰਿਵਾਇਜ਼ CSR2020 ਅਨੁਸਾਰ ਲੇਬਰ ਅਤੇ ਮਟੀਰੀਅਲ ਕੰਪੋਨੈਂਟ ਦੇ ਐਸਟੀਮੇਟ ਤੁਰੰਤ ਸਬਮਿਟ ਕਰਨਗੇ, ਜਿਸ ਅਨੁਸਾਰ Per M³ ਦਾ ਰੋਟ ਤੈਅ ਕੀਤਾ ਜਾਵੇਗਾ।

ਲੜੀ ਨੰ:6-Crate wire Structure:- APO ਅਨੁਸਾਰ Crate wire Structure ਦਾ ਰੋਟ 1810/-ਰੁਪਏ Per M³ ਦਾ ਸੀ, ਕਿਉਂਕਿ ਇਹ ਰੋਟ ਪੁਰਾਣੇ CSR ਅਤੇ ਪੁਰਾਣੇ ਪਰੀਮੀਅਮ ਨਾਲ ਕੈਲਕੂਲੇਟ ਕੀਤੇ ਗਏ ਸਨ, ਹੁਣ ਮਿਤੀ 24.8.2020 ਨੂੰ CSR ਗੋਦਾਵੀਜ਼ ਹੋਇਆ ਹੈ ਅਤੇ ਨਵੇਂ ਪਰੀਮੀਅਮ ਲਾਗੂ ਹੋਏ ਹਨ। ਕਮੇਟੀ ਦੇ ਮੈਂਬਰਾਂ ਵੱਲੋਂ ਇਹ ਰਾਏ ਦਿੱਤੀ ਗਈ ਕਿ ਇਹ ਕੰਮ ਖੋ ਵਿਭਾਗੀ ਤੌਰ ਤੇ ਜੇ.ਐੱਫ.ਐੱਮ. ਕਮੇਟੀਆਂ ਜਾਂ ਲੇਬਰ ਰਾਹੀਂ ਕਰਵਾਏ ਜਾਣੇ ਹਨ। ਇਸ ਲਈ ਇਨ੍ਹਾਂ ਕੰਮਾਂ ਦਾ ਐਸਟੀਮੇਟ ਲੇਬਰ ਕੰਪੋਨੈਂਟ ਅਤੇ ਮਟੀਰੀਅਲ ਕੰਪੋਨੈਂਟ ਅਲੱਗ-ਅਲੱਗ ਕਰਕੇ ਬਣਾਏ ਜਾਣੇ ਹਨ, ਜਿਸ ਸਬੰਧੀ ਇਹ ਫੈਸਲਾ ਲਿਆ ਗਿਆ ਕਿ ਜਿਲ੍ਹਾ ਰੂਮੀ ਸੁਰੱਖਿਆ ਅਫਸਰ ਮੋਹਾਲੀ ਨਵੀਂ ਰਿਵਾਇਜ਼ CSR2020 ਅਨੁਸਾਰ ਲੇਬਰ ਅਤੇ ਮਟੀਰੀਅਲ ਕੰਪੋਨੈਂਟ ਅਲੱਗ-ਅਲੱਗ ਕਰਕੇ ਇਸ ਦੇ ਐਸਟੀਮੇਟ ਤੁਰੰਤ ਸਬਮਿਟ ਕਰਨਗੇ, ਜਿਸ ਅਨੁਸਾਰ Per M³ ਦਾ ਰੋਟ ਤੈਅ ਕੀਤਾ ਜਾਵੇਗਾ।

ਇਸ ਦੇ ਨਾਲ ਹੀ ਇਹ ਫੈਸਲਾ ਲਿਆ ਗਿਆ ਕਿ ਲੜੀ ਨੰ: 5 Cement masonry structure ਅਤੇ ਲੜੀ ਨੰ: 6 Crate wire Structure ਦੇ ਲੇਬਰ ਅਤੇ ਮਟੀਰੀਅਲ ਕੰਪੋਨੈਂਟ ਦੇ ਐਸਟੀਮੇਟ, ਜਿਨ੍ਹਾਂ ਵਿੱਚ ਲੇਬਰ ਕੰਪੋਨੈਂਟ ਅਤੇ ਮਟੀਰੀਅਲ ਕੰਪੋਨੈਂਟ ਅਲੱਗ-ਅਲੱਗ ਦਰਜਾਇਆ ਹੋਵੇਗਾ, ਜਿਲ੍ਹਾ ਰੂਮੀ ਸੁਰੱਖਿਆ ਅਫਸਰ ਮੋਹਾਲੀ ਸਬਮਿਟ ਕਰਨਗੇ। ਇਸ ਲਈ ਵਟ ਮੋਡਲ ਅਫਸਰ, ਮੋਹਾਲੀ ਦੀ ਰਿਊਟੀ ਨਹਾਈ ਗਈ ਕਿ ਉਹ ਜਿਲ੍ਹਾ ਰੂਮੀ ਸੁਰੱਖਿਆ ਅਫਸਰ, ਮੋਹਾਲੀ ਨਾਲ ਤਾਲਮੇਲ ਕਰਕੇ ਉਪਰੋਕਤ ਐਸਟੀਮੇਟ ਸੀਘਰ ਅਤੇ ਸੀਘਰ ਪ੍ਰਾਪਤ ਕਰਕੇ ਰੋਸਟ ਤਾਂ ਜੋ ਉਪਰੋਕਤ ਕੰਮਾਂ ਦੇ ਰੋਟਾਂ ਬਾਰੇ ਵਾਈਨਲ ਫੈਸਲਾ ਕੀਤਾ ਜਾ ਸਕੇ।

ਉਪਰੋਕਤ ਦੇ ਸਨਮੁੱਖ ਮਿਤੀ 15.12.2020 ਨੂੰ ਵਿੱਚ ਬੀਵਿਓ ਮੀਟਿੰਗ ਕੀਤੀ ਗਈ ਜਿਸ ਵਿੱਚ ਮਿਤੀ 09-12-2020 ਦੌਰਾਨ Brush wood check dam, Land slip control, Live hedge ਦੇ ਰੋਟਾਂ ਬਾਰੇ ਫੈਸਲਾ ਨੂੰ ਲਿਆ ਗਿਆ ਸੀ ਕਿ ਇਹ ਕੰਮ ਏ.ਪੀ.ਓ. ਵਿੱਚ ਦਰਜਾਏ ਗਏ ਰੋਟਾਂ ਅਨੁਸਾਰ ਹੀ ਕਰਵਾਏ ਜਾਣਗੇ। ਜਿਨ੍ਹਾਂ

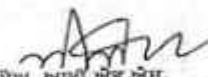
ਗੁਮੀ ਹੁਰਖਿਆ ਅਫਸਰ, ਸੋਹਾਨੀ ਵੱਲੋਂ Crate Wire Structure ਦਾ ਮੀਟਰਿੰਗ ਕੰਬਰ ਅਤੇ ਮਟੀਰੀਅਲ ਕੰਪਨੈਂਟ ਵਾਈਜ਼ ਨਵੀਂ ਰਿਵਾਇਜ਼ਡ CSR 2020 ਅਨੁਸਾਰ ਸਹਿਣਿੰਟ ਕੀਤਾ ਗਿਆ, ਕਿਉਂਕਿ ਇਹ ਕੰਮ ਵਿਚਾਰੀ ਤੌਰ ਤੇ ਸਿ.ਐੱਫ.ਐਮ. ਥੀਓਰੀਆ/ਕੰਬਰ ਵੱਲੋਂ ਕਰਵਾਏ ਜਾਣੇ ਹਨ। ਇਸ ਲਈ ਕੰਬਰ ਕੰਪਨੈਂਟ ਵਿੱਚ contractor profit 0.823 ਦੇ ਹਿਸਾਬ ਨਾਲ ਘਟਾਉਣ ਉਪਰੰਤ Crate Wire Structure ਦਾ ਰੇਟ 2212/- ਰੁਪਏ Per M³ ਬਣਦਾ ਹੈ ਜਦਕਿ ਨਵੀਂ (ਅਪਡੇਟਿਡ-11), ਜਦਕਿ ਏ.ਐ.ਓ. ਅਨੁਸਾਰ ਇਹ ਰੇਟ 1810/- Per M³ ਸੀ। ਇਹ ਵਿੱਚ ਸੋ ਹਿਰਦੀਸ ਆ ਰਿਹਾ ਹੈ, ਉਹ ਨਵੀਂ ਰਿਵਾਇਜ਼ਡ CSR 2020 ਅਨੁਸਾਰ ਹੈ, ਜਿਸ ਤੋਂ ਨਵੇਂ ਪ੍ਰੀਮੀਅਮ ਲਾਗੂ ਹਨ। ਇਸ ਲਈ ਥੀਓਰੀ ਵੀ ਭਾਰੇ ਹੈ ਕਿ ਹੈ ਕਿ Crate Wire Structure ਦੇ ਕੰਮ 2212/- Per M³ ਦੇ ਹਿਸਾਬ ਨਾਲ ਕਰਵਾਏ ਜਾਣੇ ਚਾਹੀਦੇ ਹਨ।

Cement masonry structure ਦਾ ਕੰਮ ਅਤੇ ਮੀਟਰਿੰਗ ਸਿਲਾ ਗੁਮੀ ਹੁਰਖਿਆ ਅਫਸਰ, ਸੋਹਾਨੀ ਵੱਲੋਂ ਨਵੇਂ ਸੀ ਐਸ ਆਰ 2020 ਅਨੁਸਾਰ ਸਹਿਣਿੰਟ ਕੀਤਾ ਗਿਆ ਕਿਉਂਕਿ ਇਹ ਕੰਮ ਸਿ.ਐੱਫ.ਐਮ. ਥੀਓਰੀਆ/ਵਿਚਾਰੀ ਕੰਬਰ ਵੱਲੋਂ ਕਰਵਾਇਆ ਜਾਣਾ ਹੈ ਜਿਸ ਲਈ ਕੰਬਰ ਅਤੇ ਮਟੀਰੀਅਲ ਕੰਪਨੈਂਟ ਵੱਖ-ਵੱਖ ਕੰਪਨੈਂਟ ਕੀਤੇ ਗਏ ਹਨ ਅਤੇ ਕੰਬਰ ਕੰਪਨੈਂਟ ਵਿੱਚ ਕੰਟਰੀਬਿਊਟਿਓਨ 0.823 ਘਟਾਉਣ ਉਪਰੰਤ ਕੈਲਕੁਲੇਟ ਕਰਨ ਉਪਰੰਤ 5053 ਰੁਪਏ per M³ ਬਣਦਾ ਹੈ। ਜਦਕਿ ਪਹਿਲਾਂ ਦੇ ਸਾਲ 2020-21 ਦੇ ਏ ਐ ਓ ਵਿੱਚ Cement masonry structure ਦਾ ਰੇਟ 3940 ਰੁਪਏ per M³ ਸਮਝ ਕੀਤਾ ਗਿਆ ਹੈ। ਥੀਓਰੀ ਵੀ ਭਾਰੇ ਅਨੁਸਾਰ 5053 ਰੁਪਏ per M³ ਰੇਟ ਪ੍ਰਭਾਵ ਕਰਨੇ ਬਣਦੇ ਹਨ। Cement masonry structure ਦਾ ਕੰਮ ਅਨੁਸਾਰ C ਨਾਲ ਕੀਤੀ ਹੈ। ਨਿਰੀ 09.12.2020 ਅਤੇ 15.12.2020 ਨੂੰ ਕੀਤੀਆਂ ਗਈਆਂ ਮੀਟਿੰਗਾਂ ਦੀਆਂ ਫਾਇਲਾਂ ਮੌਜੂਦਗੀ ਨਿਰੀ 9.12.2020 ਅਤੇ 21.12.2020 ਰਾਹੀਂ ਜਾਰੀ ਕੀਤੀਆਂ ਜਾ ਰਹੀਆਂ ਹਨ।

ਉਪਰੋਕਤ ਮੀਟਿੰਗਾਂ ਵਿੱਚ ਹੋਏ ਫੈਸਲੇ ਅਨੁਸਾਰ ਸਾਲ 2021-22 ਦੇ ਏ ਐ ਓ ਵਿੱਚ ਸਮਾਜ Soil Conservation works ਦੇ ਕੰਮ ਲਈ ਹੇਠ ਲਿਖੇ ਅਨੁਸਾਰ ਰੇਟ ਤਜਵੀਜ਼ ਕੀਤੇ ਜਾਂਦੇ ਹਨ:-

Sr.No	Component	Unit	Rate as per APO	Revised rate by the committee
1.	Dry Stone	M ³	862	1245.33
2.	Single live hedge	Km	98000	98000
3.	Brush Wood Checkdam	Mtr	154	154
4.	Crate wire Structure	M ³	1810	2212
5.	Cement Masonry Structure	M ³	3940	5053

ਉਪਰੋਕਤ ਮੀਟਿੰਗਾਂ ਉੱਤੇ ਕੀਤੇ ਵਿਚਾਰ-ਵਟਾਂਦਰੇ ਤੇ ਸਹਿਮਤੀ ਪ੍ਰਗਟਾਉਂਦੇ ਹੋਏ ਮੀਟਿੰਗ ਬੇਨਤਾਵ ਸਹਿਤ ਸਮਾਪਤ ਕੀਤੀ ਗਈ।


 ਮਹਾਂਦੀਪ ਸਿੰਘ, ਆਈ ਐੱਫ ਐਸ,
 ਉਪਰਿੰਟ ਕਮ ਵਟ ਖਾਲ, ਨਾਰਥ ਸਰਕਲ,
 ਚੰਨਾਬ, ਹੁਸ਼ਿਆਰਪੁਰ।

ਪਿਠਾਂਕਣ ਨੰ 3230-35

ਮਿਤੀ: 24-12-2020

ਇਸ ਦੀ ਨਕਲ ਹੇਠ ਲਿਖਿਆ ਨੂੰ ਸੂਚਨਾ ਅਤੇ ਖਿੱਚ ਕਾਰਵਾਈ ਲਈ ਭੇਜੀ ਜਾ ਰਹੀ ਹੈ:-

1. ਚੀਫ ਐਗਜ਼ੀਕਿਊਟਿਵ ਅਫਸਰ ਪੰਜਾਬ ਕੰਪਨੀਜ਼ ਡਿਵੀਜ਼ਨ ਆਫ ਆਰਗਨਾਈਜ਼ੇਸ਼ਨ ਡਿਵੀਜ਼ਨ ਮੈਨੇਜਮੈਂਟ ਪਲੈਨਿੰਗ ਅਧਿਕਾਰੀ ਜੀ ਨੂੰ ਉਨ੍ਹਾਂ ਦੇ ਪਿਠਾਂਕਣ ਨੰ: ਸਪੈਸਲ/2462-69 ਮਿਤੀ 7.12.2020 ਦੇ ਹਵਾਲੇ ਵਿੱਚ।
2. ਮੁੱਖ ਫਟ ਪਾਲ (ਹੁੰਮੀ ਸੁਰੱਖਿਆ) ਪੰਜਾਬ, ਚੰਡੀਗੜ੍ਹ।
3. ਸ੍ਰੀ ਨਰਿੰਦ ਮਹਾਜਨ, ਆਈ ਐਫ ਐਸ. ਫਟ ਮੈਡਲ ਅਫਸਰ ਹੁਸ਼ਿਆਰਪੁਰ।
4. ਸ੍ਰੀ ਹਰਜਿੰਦਰ ਸਿੰਘ, ਜਿਲ੍ਹਾ ਹੁੰਮੀ ਸੁਰੱਖਿਆ ਅਫਸਰ, ਮਿਹਾਲੀ।
5. ਸ੍ਰੀ ਕੁਮਾਰਨਾਥ ਸਿੰਘ, ਪੀ ਐਫ ਐਸ ਫਟ ਮੈਡਲ ਅਫਸਰ ਮਿਹਾਲੀ।
6. ਸ੍ਰੀ ਸਤਿੰਦਰ ਸਿੰਘ, ਪੀ ਐਫ ਐਸ. ਫਟ ਮੈਡਲ ਅਫਸਰ ਨਵਾ ਸ਼ਹਿਰ।



ਮਹਾਂਦੀਰ ਸਿੰਘ, ਆਈ ਐਫ ਐਸ.
 ਚੇਅਰਮੈਨ ਕਮ ਫਟ ਪਾਲ, ਨਾਰਥ ਸਕਰਕਲ,
 ਪੰਜਾਬ, ਹੁਸ਼ਿਆਰਪੁਰ।

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Estimates Dry Stone Masonry Check Dam

S.No.	CSR No.	Particular	Unit	Qty	Rate	Amount
1	6.6	Excavation of Foundation	M3	0.04	200	8
2	12.32	Random rubble masonry or polygonal rubble masonry (Kentish Rag) or random or polygonal rubble built to courses in foundations and plinth and superstructure laid dry.				
		(b) Where stone is available within 100 meters from rock cutting already done.	M3	1	1159	1159
3	12.43	Back filling with Rough Stone	M3	0.21	373	78.33
		Total				1245.33

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As per New CSR -2020			
Abstract-cost crate wire structure			
S.No	Porticulars	Amount (Rs)	
1	Cost of Material	27771	
2	Labour charges	9273	x0.823=contractor profit=7631.69
	Total	37044	35402.69
	Per cum cost.	2315/cum	2212.66/cum

ਨੋਟ:- ਜੇਕਰ ਉਪਰੋਕਤ ਕੰਮ ਵਿਭਾਗੀ ਲੇਬਰ ਵੱਲੋਂ ਕਰਵਾਏ ਜਾਏ ਹਨ, ਤਾਂ ਉਪਰੋਕਤ ਟੇਬਲ ਦੇ ਲੇਬਰ ਕੰਪੋਨੈਂਟ ਵਿੱਚ ਕੰਨਟੈਕਟਰ ਪ੍ਰੋਵਿੱਟ @ 0.823 ਦੇ ਹਿਸਾਬ ਨਾਲ ਘਟਾਉਣਾ ਬੱਟਦਾ ਹੈ, ਜਿਸ ਅਨੁਸਾਰ ਲੇਬਰ ਕੰਪੋਨੈਂਟ 9273x0.823=7631 ਰੁਪਏ ਬੱਟਦਾ ਹੈ। ਅਤੇ ਰੇਟ ਹੇਠ ਲਿਖੇ ਟੇਬਲ ਅਨੁਸਾਰ ਹੋਣਗੇ।

Abstract-cost crate wire structure			
S.No	Porticulars	Amount (Rs)	
1	Cost of Material	27771	
2	Labour charges	7631.69	
	Total	35402.69	35402.69
	Per cum cost.	2212.66	

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As per New CER - 2010

Abstract cost - Crata wire structure

Sr. no	Particulars	Amount (rs.)
1	Cost of Material	27771
2	Labour charges	9273
	Total	37044

Per cum Cost

2315/cum

After deducting
Contractor Profit
(Low Labour component)

$\times 0.823 = 7631.69$

35902.69

2212.66/- out.

→
@ 10 SAS Naps

W
D for HSP

Material statement

Sr. no	CSR	Particulars	Qty	Unit	Boulder	G.I wire
1	-	Boulder	16	Cum	16	-
2	27.30	Weaving of crate wire 4 mm size	52	Kg	-	119.6
Total					16	119.6

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Labour Charges for CWS

Sr. no	CSR	Particulars	QTY	Rate	Unit	Amount
1	6.6	Earthwork in excavation in foundation in all type of soil	16	200	Cum	2099.84
2	23.29	Weaving wire netting for wire crates including binding sides and partitions to make crate of 15cm by 15 cm mesh	52	58	Sqm	1382.16
3	23.37	Spreading wire crates over pitching connecting with side protective wall inclusive of wire etc	52	70	Sqm	1552.2
4	23.32	Filling stones or spalls into crate and hand packing	16	321	Cum	1868.32
5	5.3(a)	Carriage of stone by odd job 1000m no of trips (16 x 2240) / 40	896	$(76.8 * 1000 / 3000) = 25.60$	trip	2293.76
6	5.3(a)	Carriage of G.I wire by odd job @ 40 kg per trip lead = 1000mtr	2.99	$(76.8 * 1000 / 3000) = 25.60$	per trip	76.544
						9272.824
say						9273


 OFO SAS Nagar


 15/01/08

Cost of Material

Sr. no	Particulars	Qty	Unit	Rate	Amount (Rs.)
1	Galvanised iron at site work , 4 mm (including GST @ 18%)	119.6	Per Kg	73	8730.8
2	cost of boulder	16	cum	1190.00	19040
				Total	27770.8
				Say	27771


S/O S/S Nagar


MSB

Measurement Statement

Sr. no	Particulars	No	L	B	D/H	Unit	Contents
1	Earthwork in excavation						
	Foundation	1	8	2	1	Cum	16
						Total	16
2	Weaving of crate (G.I wire 4mm)						
	Foundation						
	Top + Bottom	2	8	2	-	Mtr	32
	Longer both side	2	8	-	1	Mtr	16
	Shorter both side	2	-	2	1	Mtr	4
						Total	52
3	Filling stone in the crate and hand packing						
	Foundation	1	8	2	1	Cum	16
						Total	16

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cement masonry structure $\text{m}^3 \text{ 801 (C)}$

Department of Soil and Water Conservation Punjab

S.No.	Particulars	Amount (Rs)
1	Cost of Material	518565
2	Cost of Labour charges (less contractor profit)	720791
	Total Cost	1239357

ਬਣ ਵਿਭਾਗ ਪੰਜਾਬ ਵਿੱਚ ਹੇਠ ਲਿਖੇ ਰੇਟ ਅਨੁਸਾਰ ਕੰਮ ਕਰਵਾਏ ਜਾਂਦੇ ਹਨ।
ਲੇਬਰ ਰੇਟ-0.823

S.No.	Particulars	Amount (Rs)
1	Cost of Material	518565
2	Cost of Labour charges (less contractor profit)	593211
	Total Cost	1111776

Cost per $\text{m}^3 = \frac{1111776}{801} = 1389.22 \text{ Rs/m}^3$

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Abstract of Labour charges



S.No	Particulars	Qty	Rate	Unit	Amount
1/8.6	E/w in excavation of foundation	95.82	200.00	1 cu m	19164
2/10.8 (b)1	C. Conc. (galka) in foundation in 1:6:12	19.44	1326.00	1 cu m	25777
3/10.13 (a)1	C. Conc. (bajri) in 1:2:4	4.32	1326.00	1 cu m	5728
4/12.17	Sq rubble masonry in 1:5 in foundaion	55.80	2847	1 cu m	156863
12.17 and 12.25	Sq rubble masonry in 1:5 in super structure	144.62	3309	1 cu m	478534
5/15.9	12.5 mm thick Cement sand plaster in 1:4	216.72	151	1 sq m	32725
	Total				720791
	Cost of material				518565
	Total cost				1239357

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No.	Particulars	No.	L	B	D/H	Contents
Earth work excavation in foundation and the sides of gully						
	Foundation of crest and head wall	1	9.00	3.20	1.30	37.44
	Toe wall	1	6.00	1.00	1.30	7.80
	wing wall 1st step	2	1.50	2.70	1.00	8.10
	wing wall 2nd step	2	1.00	2.20	1.00	4.40
	wing wall 3rd step	2	1.00	1.70	1.00	3.40
	wing wall 4th step	2	1.50	1.20	1.00	3.60
	wing Wall 5th Step	2	1.00	0.90	0.60	1.08
	Side wall	2	6.00	1.00	1.30	15.60
	Apron	1	4.50	4.00	0.80	14.40
	Total					95.82
2	C. Conc. (gatka) In foundation in 1:6:12					
	Foundation of crest and head wall	1	9.00	3.20	0.30	8.64
	Toe wall	1	6.00	1.00	0.30	1.80
	Side wall	2	6.00	1.00	0.30	3.60
	Apron	1	4.50	4.00	0.30	5.40
	Total					19.44
3	C. Conc. (bajri) in 1:2:4					
	Top of crest	1	4.00	1.20	0.10	0.48
	Top of Steps	3	4.00	0.50	0.10	0.60
	Apron including front of toe wall	1	4.50	4.00	0.10	1.80
	Toe wall	1	4.00	0.70	0.05	0.14
	Toe wall ext.	2	1.00	0.70	0.05	0.07
	Head wall extension	2	9.00	0.90	0.05	0.81
	Top of side wall	2	6.00	0.70	0.05	0.42
	Total					4.32
4	Sq rubble masonry in 1:5					
	Crest wall Foundation	1	9.00	3.20	1.00	28.80
	1st step	1	12.00	2.70	1.00	32.40
	2nd step	1	14.00	2.20	1.00	30.80
	3rd step	1	16.00	1.70	1.00	27.20
	4th step	1	20.00	1.20	1.00	24.00
	Head wall extension	2	9.00	0.90	0.60	9.72
	Toe wall foundation	1	6.00	1.00	1.00	6.00
	Toe wall above foundation	1	4.00	0.70	0.25	0.70
	toe wall ext.	2	1.00	0.70	0.70	0.98
	Side wall foundation	2	6.00	1.00	1.00	12.00
	side wall above foundation for 1st step	2	4.60	0.70	1.00	6.44
	side wall above foundation for 2nd step	2	4.00	0.70	1.00	5.60


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side wall above foundation for 3rd step	2	2.80	0.70	1.00	3.92
side wall above foundation for 4th step	2	1.80	0.70	1.00	2.52
side wall above foundation for head wall	2	0.40	0.70	0.60	0.34
Apron	1	4.50	4.00	0.50	9.00
Total					200.42

5 12.5 mm thick cement sand plaster in 1:4

1. Crest wall					
step I outer side + inner side	2	12.00		1.00	24.00
step II outer side + inner side	2	14.00		1.00	28.00
step III outer side + inner side	2	16.00		1.00	32.00
step IV outer side + inner side	2	20.00		1.00	40.00
2 Head wall extension					
RHS +LHS (outer + inner side)	4	9.00		0.60	21.60
LHS + RHS edge	2		0.90	0.60	1.08
					0.00
3 Side wall					
RHS +LHS (outer + inner side) above foundation for 1st Step	4	4.60		1.00	18.40
RHS +LHS (outer + inner side) above foundation for 2nd Step	4	4.00		1.00	16.00
RHS +LHS (outer + inner side) above foundation for 3rd Step	4	2.80		1.00	11.20
RHS +LHS (outer + inner side) above foundation for 4th Step	4	1.80		1.00	7.20
RHS +LHS (outer + inner side) above foundation for head wall	4	0.40		0.60	0.96
Top RHS+ LHS	2	7.50	0.70		10.50
4 Toe wall					
outsideside + inside	2	4.00		0.25	2.00
5 Toe wall Extension					
RHS +LHS (outer + inner side)	4	1.00		0.70	2.80
LHS + RHS edge	2		0.70	0.70	0.98
Total					216.72



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Material statement

S. No	Particulars	Qty	Cement	Sand	Gatka	Bajri	Boulder
1	C. Conc. (gatka) in foundation in 1:6:12	19.44	45.68	9.62	19.25		
2	C. Conc. (bajri) in 1:2:4	4.32	28.08	1.94		3.89	
3	Sq rubble masonry in 1:5	200.42	344.72	60.12			220.46
4	12.5 mm thick Cement sand plaster in 1:4	216.72	26.01	3.47			
	Total		444.49	75.16	19.25	3.89	220.46

Cost of material

Item	Qty	Rate	Amount
Boulder	220	1190	262345
Cement	444	375	166682
Sand	75.16	900	67643
Gatka	19.25	950	18283
Bajri	3.89	929	3612
			518565

All taxes are included in the above material rates

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Catchment Area = 25 ha
 Rainfall Intensity = 120 mm / hr
 Runoff = 0.30
 Discharge = $\frac{120 \times 0.30 \times 25}{360}$
 = 2.5 cusec
 Qty. = $\frac{1.71 L (H)^{3/2}}{1.1 + 0.01 F}$
 = $\frac{1.71 L (0.60)^{3/2}}{1.1 + 0.01 F}$
 = $\frac{1.71 \times L \times (0.60)^{3/2}}{1.1 + 0.01 \times 4}$

Length of Crest = 3.59 m Say 4mts

Top width of Crest = $F \times 0.30 = 4.00 \times 0.30 = 1.20$ m
 Bottom width of Crest = $F \times 0.80 = 4.00 \times 0.80 = 3.20$ m
 Depth of Foundation = $1.0 + F/10 = 1.0 + 4.0/10 = 1.40$ m Say 1.30 m
 Apron = $F \times 1.5 = 4.00 \times 1.5 = 6.00$ m

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D/O S.A.S. N.A.H.

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D.A. (H.S.P.)
D.S.C.O.
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Forest Fire Action Plan

(Rs. in lakh)

Sr. No.	Funds sought ^{under} CAMPA APO under 2022-23			Forest Fire Prevention Funds of the State (other than CAMPA)	Total requirement for fire prevention.
	Component	Physical	Financial	Financial	
1	Construction of firelines	129 KM	105.05		
2	Maintenance of old firelines	180KM	76.59		
3	Fire Watchers	1840 Number	184		
	Total		365.64	464.55	830.19


Chief Executive Officer,
State Authority (CAMPA)

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Answer-H

Wildlife Activities Action Plan

(Rs. in lakh)

Sr. No.	Funds sought ^{under} CAMPA APO [^] under 2022-23		Forest Fire Prevention Scheme (other than CAMPA)	Total requirement for Wildlife Activities.
	Component	Financial	Financial	
1	CAMPA (Wildlife Activities)		Ft. FT. 21 Conservation, Management and Development of Wildlife in the State (1000.00 lakh) FT01/03 Assistance For Development of Selected Zoos. (1300.00 Lakh)	
	Total	1428.90	2300.00	3728.90


Chief Executive Officer,
State Authority (CAMPA)

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Annexure - I

Forest Division-Amritsar

Progress Report regarding Compensatory Afforestation (from 01.01.2005 to 30-6-2021)

Sr. No.	Name of the project	Category	Govt. of India/State Govt.	Approval Date	Forest area diverted	Stipulation (C.A)				Implementation (C.A)				Area to be Afforested	CA done	Name of C.A. Site
						On Forest Land	Penal C.A	Addl. C.A	On Non-forest Land	On Forest Land	Penal C.A	Addl. C.A	On Non-forest Land			
1	2	3	4	5	6a	6b	6c	6d	7a	7b	7c	7d	8	9	10	
1	Request for approval of total Diversion of 0.0840 ha. forest land (already approved area 0.026 ha. + additional area 0.0577 ha.) for construction of approach road for a existing retail outlet of Bharat Petroleum Corporation Ltd along the Existing NH-15 (New NH-54) at village Baha Chak, Khatta No. 12/23,24 on Amritsar-Tarn Taran road, CH 117.507 (LHS), Tehsil & Distt. Amritsar (New Tarn Taran), Punjab	Others	9PB8430/2015-CHA	27-04-2021	0.0840	0.340	0.000	0	0	0	0	0	0	0.340	CA will be done in year 2022-23	LBC RD 144-150 L/s
2	Diversion of 0.0083 ha of forest land for approach road to Forest Villa at village Fatahpur, Amritsar-Chahal Road, Tehsil & Distt. Amritsar	Road	FCA0FC5A/10/2 020-FCA	22-06-2021	0.0083	0.100	0.000	0	0	0	0	0	0	0.1	CA will be done in year 2022-23	Makhi Disty RD 0 to tail B/s
3	Diversion of 0.0114 ha. of forest land for approach road to proposed retail outlet of HPCL at Ajnala WML, on Ajnala-Chogawan Road, Tehsil Ajnala, District Amritsar	Road	FCA0FC5A/49/2 020-FCA	25-08-2021	0.0114	0.100	-	-	-	-	-	-	-	0.1	CA will be done in year 2022-23	Bhurewal Minor RD 0 to tail B/s
4	Diversion of 0.3188 ha. of forest land for construction of approach road for proposed Retail outlet at village Guantala Sub Urban (Amritsar WML), (On Amritsar - No. 101/MIN, & Distt. Amritsar (Punjab) NH-3 CHKM 27.543), on Amritsar-Attari Road, Tehsil old NH 1, CHKM 464.407(LHS), (New	Road	FCA0FC5A/28/2 020-FCA	26-8-2021	0.3188	0.797	-	-	-	-	-	-	-	0.797	CA will be done in year 2022-23	Shabran bandh RD 20 to 40 B/s
5	Diversion of 0.4285 ha/ Already Applied Area 0.0975 ha + Additional Area 0.3310 ha) Forest land for construction of Approach road for Proposed Retail Outlet at Village Ramia Khatta No 19/23, CH. 152.716 (LHS), NH-54, on Amritsar-Bathinda Road, Tehsil patli, Distt. Tarn Taran under Forest Division Amritsar, Punjab	Approach	9-PB8382/2021-CHA	8-9-2021	0.3310	0.8275	-	0.008	-	-	-	-	-	0.8355	CA will be done in year 2022-23	Bhurewal Minor RD 0 to tail B/s
6	Diversion of 0.0975 Ha forest land for construction of approach road for set up of our proposed Retail Outlet at Village Dhatal, Khatta no. 14/14, 13.2, CH-153.107 (LHS), NH-15 (NW NH-54), on Amritsar-Bathinda road, Tehsil Patli, Distt. Tarn Taran (Punjab).	Road	9-PB8355/2021-CHA	8-9-2021	0.0975	0.244	-	0.06	-	-	-	-	-	0.304	CA will be done in year 2022-23	Bhurewal Minor RD 0 to tail B/s
7	Diversion of 0.0976 Ha forest land for construction of approach road for proposed Retail Outlet at Village Jhaugharpur, Khatta No. 286/1, 286/2/1, CH. 7.338 (RHS), NH-1), on Attari-Amritsar road, Tehsil & Distt. Amritsar.	Approach	0/248124/2021	10-9-2021	0.0976	0.244	-	-	-	-	-	-	-	0.244	CA will be done in year 2022-23	Bhurewal Minor RD 0 to tail B/s

Sr. No.	Name of the project	Category	Govt. of India/State Govt.	Approval Date	Forest area diverted	Stipulation (CA)				Implementation (CA)				Area to be Afforested	CA done	Name of C.A. Site
						On Forest Land	Penal C.A	Addl. C.A	On Non-forest Land	On Forest Land	Penal C.A	Addl. C.A	On Non-forest Land			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
8	Diversion of 0.0172 ha of forest land for approach road to proposed retail outlet IOCL at Village Kohali, on Amritsar-Chogawan Road, Tehsil Ajnala, District Amritsar	Approach	1/266983/2021	19-10-2021	0.0172	0.100	-	-	-	-	-	-	-	0.1	CA will be done in year 2022-23	Bhurewal Minor RD 0 to tail B/s
9	Diversion of 0.1182 ha of forest land for construction of approach road to proposed Retail outlet at village Marhara, khasra 12/9/1/1,22/9/2,12/10,CH 156. 706 to 156.746(RHS),NH-15(NEW NH-54), on Amritsar-Bathinda road, Tehsil Patti Distt Tarn Taran (PUNJAB)	Approach	1/267091/2021	19-10-2021	0.1182	0.2995	-	-	-	-	-	-	-	0.2995	CA will be done in year 2022-23	Bhurewal Minor RD 0 to tail B/s
10	Diversion of 0.981 ha. of additional forest land (Already approved area 6.72 ha. In same project) in favour of Executive Engineer, Construction Division No. 2, PWD B&R Br. Amritsar for reconstruction of road widening fro Tarn Taran under division Amritsar, Punjab	Approach	9-PB8359/2020-CHA	26-10-2021	0.9810	2.453	-	-	-	-	-	-	-	2.453	CA will be done in year 2022-23	Patti Drain RD Rana kala bridge to Railway Crossing B/s
11	Diversion of 0.0140 ha. Of forest land for Approach road to proposed Retail outlet IOCL at Village Senara, on Harsha Chhina-Fatehgarh Chauran Road, Tehsil Ajnala, District Amritsar.	Approach	1/269401/2021	25-10-2021	0.0140	0.100	-	-	-	-	-	-	-	0.1	CA will be done in year 2022-23	Bhurewal Minor RD 0 to tail B/s
					2.079	5.605	0	0.068	0	0	0	0	0	5.673		

Divisional Forest Officer
Amritsar Forest Division,
Amritsar.

Details of Principal approved cases for CA APO 2022-23

Sr. No.	Division	Range	Name of Proposal	Approval No.	Dated	Diversion area (in ha.)	CA area (in ha.)	Penal CA area (in ha.)	Total CA area (in ha.)	Additional CA (Tall Plants (No. of Plants)	Entry Point Activity (Amount)	CA sites	Remarks
1	Bathinda	Rampura	Diversion 0.324024 hec. of forest land in favour of PSTCL for Construction of 400 KV D/C line from proposed 400 KV Switching Station at Vill. Behman Jassa Singh to 400 KV Grid Sub Station in the premises of HPCL, Mittal Energy Ltd. (HMEL) (Raman-Singo Road KM 7-8 B/s, Gyana Minor RD Head to Tangrali Road B/s, Teona-Tangrali Link Road, Talwandi - Malkana - Gatwali Link Road KM 8-9 B/s, Malkana-Gyana Link Rod KM 1-2 B/s, Malkana Minor nRD Khetan Wala rasta to Sarkari Motor B/s, Phullo Radd Portion RD Phullo Kacha Rasat to Malkana Minor B/s, Refinery Channel RD Raman-Malkana Road to Raman-Phullo Road B/s, Raman - Phullo- Gyana Link Road KM 2-3 B/s, Rewari - Fazilka Railway Line KM 268-269 B/s) under Forest Division Bathinda and Distt. Bathinda (Online proposal No.FP/PB/TRANS/42518/2019).	9-PBB362-2020-CHA	03-02-2020	0.324024	1.010	0	1.010	434	0	Bhucho Sub Minor RD 0-Tail B/s	
2	Bathinda	Rampura	Diversion of 0.2576 ha (0.0276 ha in Mansa Division + 0.230 ha in Bathinda Division) of forest land in favour of PSTCL for construction of 400 KV DC Talwandi Sabo-Nakoder proposed Lilo at proposed 400 KV switching station at Village Behman Jassa Singh, under forest division and District Mansa and Bathinda, Punjab (Online proposal no. FP/PB/Trans/46591/2020)-	9-PBB370/2020-CHA	20/12/2021	0.230	1.050	0	1.050	60	0	Bhucho Sub Minor RD 0-Tail B/s	
3	Bathinda	Bathinda	Diversion of 0.0105 hec. Forest land in favour of M/s IOCL Bathinda for proposed Retail outlet at Village Jassi Pauwali on Jassi Pauwali Chowk to Jodhpur Romana Road between KM. 0-1 LHS under Distt. & Forest Division, Bathinda. Punjab (FP/PB/Approach/42011/2020	FOREST-FCA0FC1B/5/2020-FCA1/106534/2020	18/11/2020	0.0105	0.100	0	0.100	0	0	Chandbhan Drain RD Hadd to Ablu-Dan Singh wala Pul B/s	
4	Bathinda	Rampura	Diversion of 0.0769 hec. of Forest land for access to proposed retail outlet of M/s IOCL at Village Sekhu at KM. 145.882 (LHS) on NH-254 Raman-Bathinda (Sekhu Sukhladhi Road to Sekhu Bagha Road R/s) under Distt. & Forest Division Bathinda.	FOREST-FCA0FC1B/21/2020-FCA1/127000/2021	01-05-2021	0.0769	0.192	0	0.192	0	0	Bhucho Sub Minor RD 0-Tail B/s	

Sr. No.	Division	Range	Name of Proposal	Approval No.	Dated	Diversion area (in ha.)	CA area (in ha.)	Penal CA area (in ha.)	Total CA area (in ha.)	Additional CA (Tall Plants (No. of Plants)	Entry Point Activity (Amount)	CA sites	Remarks
5	Bathinda	Rampura	Diversion of 0.20399 ha of Forest land in favour of Gail India Limited for laying 12" dia natural gas pipeline along with OFC duct/cable across to various Roads/Water bodies/Railway tracks declared as Protected Forest under Forest Division and District Bathinda, Punjab (Online Proposal No. : FP/PB/Pipeline/40161/2019)-regarding	9-PBB303/2021-CHA	11-12-2021	0.20399	0.790	0	0.790	128	0	Koir Singh Wala Minor RD 0-Tail B/s (Rampura Range)	
6	Bathinda	Rampura	Diversion of 0.0358 hectare forest land for construction of approach road for proposed Kissan Sewa Kendra at Village Balahar Mehma, Khasra No. 78//12, 13/1/1, on Goniana Mandi-Dan Singh Wala road (RHS), Tehsil Goniana Mandi Distt. Bathinda, Punjab (FP/PB/Approach/ 49846/2020	File No. FOREST-FCA0FC1B/29/2020-FCA I/161786/2021	24/3/2021	0.0358	0.100	0	0.100	12	0	Koir Singh Wala Minor RD 0-tail B/side	
7	Bathinda	Bathinda	Diversion of 0.0935 hec. of Forest land for access to proposed Retail Outlet of M/s BPCL at Village Harraipur in KM 272.054 (RHS) on NH-54 Faridkot-Bathinda Road under Distt. & Forest Division Bathinda. (FP/PB/Approach/ 53090/2020)	File No. FOREST-FCA0FC1B/4/2021-FCA I/167143/2021	04-07-2021	0.0935	0.234	0	0.234	216	25997	Bathinda Branch Canal RD 427-430 L/s (Bathinda Range) D	
8	Bathinda	Bathinda	Diversion of 0.0747 ha. of Forest land for access to proposed Kisan Seva Kendra (Retail Outlet) of M/s IOCL at Village Nathana, Khasra No. 155//1/2/1/1, 1/2/1/2, 1/2/2/1, 1/2/2/2 on Harraipur to Nathana Road (LHS) tehsil Nathana under Distt. & Forest Division Bathinda, Punjab (Online proposal No. FP/PB/Approach/51019/2020)-regarding	9PBB340/2021-CHA	08-05-2021	0.0747	0.320	0	0.320	80	20992	Bathinda Branch Canal RD 375-380 L/side, Bathinda Range	
9	Bathinda	Rampura	Diversion of 0.0737 ha. of Forest Land for approach road to proposed Retail Outlet of BPCL at Village Lehra Dhoolkot in KM 155.466 (RHS) on NH-07 Bathinda-Barnala Road under Forest Division and District Bathinda Punjab (Online Proposal No. FP/PB/Approach/61997/2020)	9-PBB315/2021-CHA	05-12-2021	0.0737	0.19	0.047	0.237	140	21006	Koir Singh Wala Minor RD 0-tail B/side	

Sr. No.	Division	Range	Name of Proposal	Approval No.	Dated	Diversion area (in ha.)	CA area (in ha.)	Penal CA area (in ha.)	Total CA area (in ha.)	Additional CA (Tall Plants (No. of Plants)	Entry Point Activity (Amount)	CA sites	Remarks
10	Bathinda	Bathinda	Diversion of 0.0939 ha.(0.0404 already approved area+ 0.0535 ha. additional area) of Forest land in favour of M/s HPCL, Bathinda for (Acceleration/Deceleration Lanes) approach road to Existing Retail Outlet at Vill.Pathrala on Bathinda-Dabwali Road (NH-64) Near KM Stone No. 36 L/S Falling under Forest Division,Bathinda.	9-PBB420-2015-CHA	18/5/2021	0.0535	0.480	0	0.480	0	0	BBC RD 400-408 B/side	
11	Bathinda	Bathinda	Diversion of 0.0955 ha.(0.035 ha. already approved+ 0.0605 ha. Additional Area) of Forest land in favour of M/s HPCL, Bathinda for (Acceleration/Deceleration Lanes) approach road to Existing Retail Outlet at Vill.Balluana on Bathinda-Malout-Abohar Road (NH-15) KM 17-19 L/S Falling under Forest Division,Bathinda (Online Proposal No. FP/PB/Others/7994/2014)	9-PBB419-2015-CHA	19/5/2021	0.0605	0.230	0	0.230	0	0	BBC RD 400-408 B/side	
12	Bathinda	Bathinda	Diversion of 0.0789 hec. Forest land for construction of approach road for a proposed Retail Outlet of Bharat Petroleum Corp. Ltd. along the Existing NH-64 Extn. (New NH-54), Old CH. 23.252 to 23.289 (New CH. 24.947 to 24.984) (LHS), at village Mashana, Khasra No. 1740/1001/1/2, 1746/1001/2/1, 1750/1002/3 on Bathinda-Dabwali road Tehsil & District Bathinda under Forest Division, Bathinda.(Online Proposal No. FP/PB/Approach/36668/2018	9-PBB355/2020-CHA	20/5/2021	0.0789	0.370	0	0.370	120	0	Chandbhan Drain RD Hadd to Ablu-Dan Singh Wala Pul B/s (Bathinda Range)	
13	Bathinda	Bathinda	Diversion of 0.011461 hec. of Forest land for approach access to proposed Retail Outlet of M/s BPCL at Village Ram Tirath Jaga on Talwandi Sabo - Mansa Road between KM 10-11(LHS) under Distt. & Forest Division Bathinda Punjab. (Online Proposal No. FP/PB/Approach/118669/2021	File No. FOREST-FCA0FC1B/5/2021-FCA I/206876/2021	30/6/2021	0.011461	0.100	0	0.100	0	4870	Bathinda Branch Canal RD 375-380 L/s Bathinda Range	
14	Bathinda	Bathinda	Diversion of 0.0167 hec. of Forest land for access to proposed Kisan Seva Kendra of M/s IOCL at Village Balloh, Khasra No. 576,577,582 on Badeyala - Balloh Road (RHS) under Teh. Maur Distt. & Forest Division Bathinda. Punjab (Online proposal No. FP/PB/Approach/51188/2020)-regarding	File No. FOREST-FCA0FC1B/8/2021-FCA I/215250/2021	20/7/2021	0.0167	0.100	0	0.100	0	4870	Bathinda Branch Canal RD 427-430 L/s (Bathinda Range) D	

Sr. No.	Division	Range	Name of Proposal	Approval No.	Dated	Diversion area (in ha.)	CA area (in ha.)	Penal CA area (in ha.)	Total CA area (in ha.)	Additional CA (Tall Plants (No. of Plants)	Entry Point Activity (Amount)	CA sites	Remarks
15	Bathinda	Rampura	Diversion of 0.00342 ha. of Forest Land for construction of approach access to the proposed MS/HSD Retail Outlet of Indian Oil Corporation Limited Situated at Village Raman (Kallianwali Road), Between Junction on NH- 254 (Raman / Talwandi Sabo road) and New Refinery Road, Tehsil Talwandi Sabo Distt. Bathinda (FP/PB/Approach/50611/2020)	FOREST-FCA0FC1B/32/2020-FCA I/215887/2021	22/7/2021	0.00342	0.100	0	0.100	0	4870	Koir Singh Wala Minor RD 0-tail B/side	
16	Bathinda	Rampura	Diversion of 0.0103 ha. (instead of 0.0120 hectare) of Forest land for access to proposed CNG Station of M/s Gujrat State Petronet Ltd. at Km 286.359 (LHS) on NH-54 on Goniana-Bathinda Road in Village Patti Jhutti Tehsil District & Forest Division Bathinda (FP/PB/Approach/43371/2019)	File No. FOREST-FCA0FC1B/30/2020-FCA I/221056/2021	31/7/2021	0.0103	0.100	0.103	0.203	0	0	Koir Singh Wala Minor RD 0-tail B/side	
17	Bathinda	Bathinda	Diversio of 0.0169 hec. of forest land for access to proposed retail outlet of M/s HPCL at Village Jassi Pauwali (Bathinda WML) CH. KM. 8.767 (RHS), New NH-148 B (Old SH-17) on Bathinda-Talwandi Sabo Road, Tehsil, Distt. & Forest Division Bathinda, Punjab (FP/PB/Approach/120712/2021)	File No. FOREST-FCA0FC1B/10/2021-FCA I/221105/2021	31/7/2021	0.0169	0.100	0	0.100	0	4870	Bathinda Branch Canal RD 375-380 L/side, Bathinda Range	
18	Bathinda	Bathinda	Diversion 0.6424 ha of forest land in favour of Gujrat Gas Limited for laying 12" dia natural gas pipeline along & across the various Road/Canal/Railway declared as Protected Forest (Goniana-Bajakhana Road KM 0-1 R/s, Gonaian-Jaito Road, Kot Bhai Distybutary RD 40 to Railway Line B/s, Mehma Marra Minor RD 0-Railway Line B/s, Aklia Kassi RD Goniana-Chandbhan Kache Raste to Tail) under forest division and District Bathinda, Punjab (Online Proposal No. FP/PB/Pipeline/45476/2020)	9-PB8365/2021-CHA	08-04-2021	0.6424	1.606	0	1.606	0	78212	Bathinda Branch Canal RD 427-430 L/s (Bathinda Range) D	

Sr. No.	Division	Range	Name of Proposal	Approval No.	Dated	Diversion area (in ha.)	CA area (in ha.)	Penal CA area (in ha.)	Total CA area (in ha.)	Additional CA (Tall Plants (No. of Plants)	Entry Point Activity (Amount)	CA sites	Remarks
19	Bathinda	Rampura	Diversion of 0.0683 ha. of forest Land in favour of Bharat Petroleum Corporation Ltd. for approach access road to Proposed MS/HSD Retail Outlet Dealership Bharat Petroleum Corporation Ltd. at Location: Village Talwandi Sabo-2 on NH 254, B/W Ramsara – Talwandi km 5-6 R/s Tehsil Talwandi Sabo, under Forest Division and District Bathinda Punjab. (Online Proposal No. FP/PB/Approach/42310/2019	9-P88325/2021-CHA	13/8/2021	0.0683	0.290	0	0.290	210	28319	Koir Singh Wala Minor RD 0-tail B/side	
20	Bathinda	Bathinda	Diversion of 0.015864 hec. of Forest land for access to proposed Kisan Seva Kendra of M/s IOCL on Kot Bakhtu–Raman Road (LHS) at Village Kot Bakhtu, Khasra No. 998//2/2, 999//1, 999//2 tehsil Tehsil Talwandi Sabo under Distt. & Forest Division Bathinda, Punjab (FP/PB/Approach/116650/2021	FOREST-FCA0FC1B/7/2021-FCA I/241161/2021	09-02-2021	0.015864	0.100	0	0.100	0	4870	Bathinda Branch Canal RD 375-380 L/side, Bathinda Range	
21	Bathinda	Bathinda	Diversion of 0.0118 hec. forest land for approach access to proposed retail outlet of M/s IOCL at Village Bhagta (WML) on Nathana-Baghapurana Road (SH-16A) between KM 24-25 (RHS) under Distt. & Forest Division Bathinda, Punjab (FP/PB/Approach/121057/2021	FOREST-FCA0FC1B/13/2021-FCA I/250651/2021	17/9/2021	0.0118	0.100	0	0.100	0	4870	Bathinda Branch Canal RD 375-380 L/side, Bathinda Range	
22	Bathinda	Bathinda	Diversion of 0.003772 hec. of forest land for access to proposed filling station of M/s HPCL at Village Nasibpura on Nasibpura - Kot Bakhtu Road (R/s) Tehsil Talwandi Sabo under Forest Division and Distt. Bathinda. (Online Proposal No. FP/PB/Approach/122551/2021	FOREST-FCA0FC1B/12/2021-FCA I/257918/2021	30/9/2021	0.003772	0.100	0	0.100	0	4870	Bathinda Branch Canal RD 375-380 L/side, Bathinda Range	
23	Bathinda	Bathinda	Diversion of 0.0180 hec. of forest land for approach access to proposed retail outlet of M/s IOCL at Village Maur Kalan in KM. 103.497 (RHS) on NH-254 Rampura Phul - Talwandi Sabo Road under Distt. & Forest Division Bathinda. Punjab (Online Proposal No. FP/PB/Approach/142354/2021)	FOREST-FCA0FC1B/23/2021-FCA I/264378/2021	10-12-2021	0.018	0.100	0	0.100	0	4870	Bathinda Branch Canal RD 375-380 L/side, Bathinda Range	

Sr. No.	Division	Range	Name of Proposal	Approval No.	Dated	Diversion area (in ha.)	CA area (in ha.)	Penal CA area (in ha.)	Total CA area (in ha.)	Additional CA (Tall Plants (No. of Plants)	Entry Point Activity (Amount)	CA sites	Remarks
24	Bathinda	Bathinda	Diversion of 3.461 ha. area (in addition to 14.41 ha. area already approved) of forest Land in favour of Rail Vikas Nigam Ltd. for the purpose of construction of railway double line track from Rajpura to Bathinda between KM. 130.300 to 172.06 (Jethuke Station Yard B/s, Rampura Phul Station Yard B/s, Lehra Mohabbat Station Yard B/s, Buchu Station Yard L/s, Bathinda Cantt. Station Yard B/s) under Forest Division Bathinda, Punjab (Online Proposal No. FP/PB/RAIL/120017/2021)-regarding.	File No. 9-PBB338/2021-CHA	22/10/2021	3.461	6.922	0.010	6.932	0	337588	Bathinda Disty RD 43 to Tail B/s	
25	Bathinda	Bathinda	Diversion of 0.0402 ha. of forest land for access to proposed retail outlet of M/s IOCL at village Balluana at KM. 115.057 (LHS) (Design Chainage 8.150 (RHS)) on NH-07, Malout-Bathinda Road under District & Forest Division Bathinda, Punjab (Online Proposal No. FP/PB/Approach/145925/2021)	FOREST-FCA0FC1B/32/2021-FCA1/296849/2021	21/12/2021	0.0402	0.101	0	0.101	0	4919	Daula Minor RD 0 to Hadd B/s	
26	Bathinda	Bathinda	Diversion of 0.6812 hec. of Forest land in favour of Executive Engineer, Provincial Division, PWD (B&R), Bathinda for construction of proposed Ring Road Phase-I from Bathinda - Barnala Road (NH-07) to ITI Chowk Bathinda - Mansa Road (Bathinda-Barnala Road KM 205-206 L/s, Rajpura-Bathinda Railway Line KM 168-169 B/s, Bathinda Distributary RD 36-38 R/s) under District and Forest Division Bathinda, Punjab (Online Proposal No. FP/PB/ROAD/141863/2021)	FOREST-FCA0FC1B/30/2021-FCA1/271995/2021	28/10/2021	0.6812	1.703	0.018	1.721	26	85570	Bathinda Branch Canal RD 375-380 L/side, Bathinda Range	
27	Bathinda	Bathinda	Diversion of 35.264 ha. area in favour of Project Director, NHAI, PIU-Bathinda for Six-Laning of Jodhpur Romana (Bathinda) - Mandi Dabwali Road (Punjab/Haryana Border) Section of NH-54 from Design Ch. 0.000 to 27.400 B/s in the State of Punjab under District and Forest Division Bathinda. (Online Proposal No. FP/PB/ROAD/48797/2020)	9-PBC440/2021-CHA	22/12/2021	35.264	70.528	0	70.528	0	4752914	Air Force Station Bhisiana	

Sr. No.	Division	Range	Name of Proposal	Approval No.	Dated	Diversion area (in ha.)	CA area (in ha.)	Penal CA area (in ha.)	Total CA area (in ha.)	Additional CA (Tall Plants (No. of Plants)	Entry Point Activity (Amount)	CA sites	Remarks
28	Bathinda	Bathinda	Diversion of 0.0419 hec. of Forest land for access to proposed retail outlet of M/s IOCL at Village Maur Mandi in KM. 317.588 (RHS) NH-148B (At KM 85.288 (RHS) of Old SH-12A) Mansa-Bathinda Road, Tehsil Maur Mandi Distt. & Forest Division Bathinda. (Proposal No. FP/PB/Approach/123452/2021)	FOREST-FCA0FC1B/22/2021-FCA I/292030/2021	13/12/2021	0.0419	0.105	0	0.105	26	6871	Bathinda Branch Canal RD 375-380 L/side, Bathinda Range	
29	Bathinda	Bathinda	Diversion of 0.0655 ha of forest land for approach access to proposed retail outlet of M/s IOCL at Village Ram Nagar in KM. 100.398 (RHS) on NH-254 Rampura Phul - Maur Mandi Road under Distt. & Forest Division Bathinda, Punjab (Online Proposal No. FP/PB/Approach/146433/2021)	FOREST-FCA0FC1B/36/2021-FCA I/296868/2021	21/12/2021	0.0655	0.164	0	0.164	0	7987	Daula Minor RD 0 to Hadd B/s	
30	Bathinda	Bathinda	Diversion of 0.007446 hec. of forest land for approach access to proposed retail outlet of M/s IOCL at Village Jalal on Jalal to Samadh Bhai Road between KM. 0-1 (LHS) under Distt. & Forest Division Bathinda, Punjab (Online Proposal No. FP/PB/Approach/146109/2021)	FOREST-FCA0FC1B/34/2021-FCA I/295153/2021	17/12/2021	0.007446	0.100	0	0.100	30	6898	Daula Minor RD 0 to Hadd B/s	
G.Total						41.696	87.485	0.178	87.663	1482	5416233		

Divisional Forest Officer
Bathinda

Compensatory Afforestation for 2022-23

S.No	Name of the Project	Govt of India Order no	Approval date	CA (On Forest Land) (in ha)	Penal CA (On Forest Land) (in ha)	Addl CA (On Forest Land) (in ha)	Total (On Forest Land) (in ha)	CA Site	G.O Reference	
									Latitude	Longitude
1	Diversion of 0.1164 ha (delisted area of PLPA=0.1054+PF=0.0110 ha) of forest land for setting up a new retail outlet of IOCL on Haryana to Cheer di Khui road km 34-35 L/side at village Beh Atta, Tehsil Mukerian, Distt Hoshiarpur , Punjab. Proposal No:- FP/PB/Others/45197/2020 (Degraded)	9-PBB319/21021-CHA	29-06-2021	0.291	-	-	0.291	Bindraban C-2	31 55 11.97 N	75 46 59.02 E
2	Diversion of 0.1135 ha of forest land for setting up a new retail outlet of BPCL on Talwara to Daulatpur road km 0-1 L/side at village Talwara, Khasra No-4817/1660, 4821/1661, 4823/1662 delistied area of Section-4 of PLPA 1900 Tehsil Mukerian, Distt Hoshiarpur , Punjab. Proposal No:- FP/PB/Others/44235/2020 (EP)	9-PBB308/21021-CHA	03-08-2021	0.2837	-	-	0.2837	R-IV Karanpur C-4	31 55 03.09 N	75 51 29.73 E
							Total			
							0.5747			

Divisional Forest Officer,
Dasuya

COMPENSATORY AFFORESTATION FOR 2022-23

Sr. No	Name of the Project	Govt. of India Order No.	Approval date	CA (On Non-Forest land) (in Ha)	penal CA (On Non-Forest land) (in Ha)	Addl. CA (On Non-Forest land) (in Ha)	Total	C.A. SITE	G.O. Reference	
									Longitude	Latitude
1	Div. of 0.0074 ha of forest land for setup a Prali Based Power Plant at Village Sedha Singh Wala on Baja khana to Jaitu in km 4.480 to 4.491 km Teh. Jaitu Distt. Faridkot under forest Division & Distt. Ferozepur	9-PBB308/2019-CHA	23-10-2020	0.10	0	0	0.10	Dhussi Bandh RD 91-105 B/s	31.02.42.99 31.02.31.93	75.07.56.18 75.08.15.82
2	Div of 0.0965 ha forest land for retail outlet of Hindustan Petroleum Corporation Ltd at village Lehra Rohi at km 192-193 R/s on Amritsar-Bathinda road NH 54 Distt Ferozepur under Forest Division Ferozepur (FP/PB/Approach/47896/2020	9PBB387/2020-CHA	26-03-2021	0.242	0	0	0.242	Ring Bandh RD 105-113 B/s	31.01.16.41 31.00.07.20	75.18.10.35 75.19.40.71
3	Diversion of 0.0019ha of forest land for construction of approach road for proposed Retail Outlet at Village Chak Somian wala on Guruharsahai-Guder Dhandi road km 4-5 R/s Distt Ferozepur under Forest Division Ferozepur	FCAoFC1F/26/2020-FCA	19-02-2021	0.10	0	0	0.10	Ring Bandh RD 105-113 B/s	31.01.16.41 31.00.07.20	75.18.10.35 75.19.40.71
4	Div of 0.0897 ha forest land in favour of M/s TLSC patila for LILO of 220 kv Moga-Muktsar line Bajakhana under forest division	9-1784/2003-CHA	23-02-2021	2.68	0	0	2.68	Mudki Drain RD 0-40 B/s	31.41.48.60 30.42.01.92	74.46.28.32 74.46.32.05
5	Div of 0.021729 ha forest land for Approach Access road to retail outlet of H.P. Corporation Ltd at village Paka on PTK-ABH road km 222-224 L/s Distt Ferozepur under Forest Division Ferozepur	FCAoFC1F/15/2021-FCA	27-05-2021	0.10	0	0	0.10	Elahiva Disty RD 15-24 R/s	31.56.37.59 30.56.34.00	75.10.57.55 75.10.52.36
6	Div of 0.078535 ha forest land for construction of approach access to proposed retail outlet of M/s Indian Oil Corporation Ltd at village Sur Singh wala on Ferozepur-Zira road NH 354 now SH 20 atkm 17.610 R/s Distt Ferozepur under forest Division Ferozepur	9-PBB381/2020-CHA	29-06-2021	0.196	0	0.152	0.348	Ring Bandh RD 105-113 B/s	31.01.16.41 31.00.07.20	75.18.10.35 75.19.40.71
7	Div of 0.005246 ha forest land for retail outlet of M/s Indian Oil Corporation Ltd at village Megharai Uthar on Pindi-Gajniwala Link road km 6-7 L/s Distt Ferozepur under Forest Division Ferozepur	1/196145/2021	11-06-2021	0.10	0	0	0.10	Ring Bandh RD 105-113 B/s	31.01.16.41 31.00.07.20	75.18.10.35 75.19.40.71
8	Div of 0.005671 ha forest land for retail outlet of M/s Indian Oil Corporation Ltd at village Wakilanwala on Lehra Rohi-Kassona-Markhai Link road km 3-4 L/s Distt	1/194857/2021	09-06-2021	0.10	0	0	0.10	Ring Bandh RD 105-113 B/s	31.01.16.41 31.00.07.20	75.18.10.35 75.19.40.71
9	Div of 0.02504 ha forest land for approach access to retail outlet of Hindustan Petroleum Corporation Ltd at village Dharamkot Janubi on Dharamkot-Zira road km 1-2 R/s Distt Moga under Forest Division Ferozepur	1/208389/2021	07-07-2021	0.10	0	0	0.10	Ring Bandh RD 105-113 B/s	31.01.16.41 31.00.07.20	75.18.10.35 75.19.40.71
10	Div of 0.04978 ha forest land for retail outlet of M/s Hindustan Petroleum Corporation Ltd at village Kauni on Faridkot-Deep Singh wala road km 24-25 L/s Distt Faridkot under Forest Division Ferozepur	1/208391	07-07-2021	0.10	0	0	0.10	Ring Bandh RD 105-113 B/s	31.01.16.41 31.00.07.20	75.18.10.35 75.19.40.71

Sr. No	Name of of the Project	Govt. of India Order No.	Approval date	CA (On Non-Forest land) (in Ha)	penal CA (On Non-Forest land) (in Ha)	Addl. CA (On Non-Forest land) (in Ha)	Total	C.A. SITE	G.O. Reference	
									Longitude	Latitude
11	Div of 0.00313 ha forest land for Approach Access road to retail outlet of M/s Indian Oil Corporation Ltd at village Baje ke on Dharmkot-Jogewala road km 5-6 L/s Distt Moga under Forest Division Ferozepur	1/206175/2021	02-07-2021	0.10	0	0	0.10	Ring Bandh RD 105-113 B/s	31.01.16.41 31.00.07.20	75.18.10.35 75.19.40.71
12	Div of 0.0921 ha forest land for Approach Access road to retail outlet of M/s Indian Oil Corporation Ltd at village Golewala on Faridkot-Ferozepur road km 16-17 R/s Distt Faridkot under Forest Division Ferozepur	1/237642/2021	26-08-2021	0.23	0	0.032	0.262	Elahiva Disty RD 15-24 R/s	30.55.57.81 30.56.36.31	75.09.48.51 75.10.55.22
13	Div of 0.00873 ha forest land for retail outlet of Indian Oil Corporation Ltd at village Nanaksar on KKP-Jaito road km 5-6 L/s Distt Faridkot under Forest Division Ferozepur	1/237476/2021	26-08-2021	0.10	0	0	0.10	Ring Bandh RD 105-113 B/s	31.01.16.41 31.00.07.20	75.18.10.35 75.19.40.71
14	Div. of 0.0106 ha of Forest land for approach access road to retail outlet M/s Indian Oil Corporation Ltc at Village Talwandi Jalle Khan on Dharamkot Zira Road Km 15-16 L/s	1/258523/2021	30-09-2021	0.10	0	0	0.10	Elahiwah Disty RD 15-24 R/s	30.55.57.81 30.56.36.31	75.09.48.51 75.10.55.22
Total				4.348	0	0.184	4.532			

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Divisional Forest Officer
Ferozepur

Forest Division-Hoshangpur

Case wise information regarding allocation of targets under Compensatory Afforestation for the year 2022-23

Sl. No.	Year	Online Proposal No.	Name of the project	Category	Division	Govt of India Order No.	Approval Date	Forest Area Granted	Legal Status	No. of affected			No. of trees			Allocation (S.I.)						Implementation (S.I.)						Area to be Afforested	Name of S.I. Site				
										Tree	Palis	Plant	Tree	Palis	Plant	On Forest Land	Forest C.O.	Non-Forest C.O.	On Non-Forest Land	Forest C.O.	Non-Forest C.O.	On Forest Land	Forest C.O.	Non-Forest C.O.	On Non-Forest Land	Amount of SI Deposited	Amount of SIPI Deposited			Amount of Forest C.O. Deposited	Amount of Non-Forest C.O. Deposited	Amount of Forest C.O. Deposited	Amount of Non-Forest C.O. Deposited
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27							
1	2020	FF/PB/Approach/44018/2020	Division area of 0.0190 ha of forest land for construction of approach road for proposed Retail Outlet at Village Dhoot Kagan, Khata No. 1103, 1104 on Hoshangpur to Dasuya Road (SH-24) Near KM Stone No. 23-24 L&D, Tehsil & Distt. Hoshangpur (Punjab), Under Hoshangpur Forest Division (PCA/1860/03/2020) (Proposal No. FF/PB/Approach/44018/2020 dated 18/01/2020).	Approach Access	Hoshangpur	File No. FCMEST-FCADPCSH/3/2020-PCA//100018/2020	08-11-2020	0.0190	Pvt	4	0	0	4	0	0	0.100	0.0	0.0	0.100	0.0	0.00	0.00	0.00	0.00	0.00	48000	16800	0	0	0	0	0.100	Dabrian, FF M.S. No. 471-114753.877% 114753.877% 114753.877% 114753.877% 114753.877% 114753.877%
2	2019	FF/PB/Approach/40185/2019	Division area of 0.0119 ha of forest land for approach access road to Retail outlet of Indian Oil Corporation Limited, (Jalandhar Divisional Office) for Kisan Sewa Kendra situated at Village Hoshangpur Gura, on Hoshangpur to Dasuya Road, KM 4-5 L&D, Tehsil & Distt. Hoshangpur (Punjab), Under Hoshangpur Forest Division (Proposal No. FF/PB/Approach/40185/2019 dated 10/08/2019).	Approach Access	Hoshangpur	File No. FCMEST-FCADPCSH/1/2020-PCA//119489/2020	04-12-2020	0.0119	Pvt	1	0	0	1	0	0	0.100	0.0	0.0	0.100	0.0	0.00	0.00	0.00	0.00	0.00	48000	3556	0	0	0	0	0.100	Dabrian, FF M.S. No. 471-114753.747% 114753.747% 114753.747% 114753.747% 114753.747% 114753.747%
3	2019	FF/PB/Approach/42877/2019	Division area of 0.017022 ha of forest land for approach access road to Retail outlet of Indian Oil Corporation Limited (Jalandhar Divisional Office) for Kisan Sewa Kendra on (A.H.S.) situated at Village Dhoot on Tanda road to Dholaaha road Km 16-17 R&D, Tehsil Bhurga & Distt. Hoshangpur (Punjab), Under Hoshangpur Forest Division (Proposal No. FF/PB/Approach/42877/2019 dated 15/11/2019).	Approach Access	Hoshangpur	File No. FCMEST-FCADPCSH/1/2/2020-PCA//128855/2020	12-01-2021	0.017022	Pvt	0	0	0	0	0	0	0.100	0.0	0.0	0.100	0.0	0.00	0.00	0.00	0.00	0.00	48000	10668	0	0	0	0	0.100	Dabrian, FF M.S. No. 471-114753.517% 114753.517% 114753.517% 114753.517% 114753.517% 114753.517%
4	2014	FF/PB/Other/8461/2014	Division of 0.8876 ha of Forest Land for Improvement of Junction at Bhagwara Chok in (S-410) Tanda Chok in (M-800) Dasuya Chok in (M-4100) on Jalandhar-Hoshangpur-Khanna road on NH-70 (New Name NH-02) under Forest Division & Distt. Hoshangpur (Online) (Proposal No. FF/PB/Other/8461/2014)	Other (Road)	Hoshangpur	File No. S-785532/2014-CHA	12-01-2021	0.8876	Govt	300	0	0	300	0	0	1.419	0.0	0.0	1.419	0.0	0.00	0.00	0.00	0.00	0.00	48000	48000	0	0	0	1.419	Dada FF M.S. No. 496-114753.877% 114753.877% 114753.877% 114753.877% 114753.877% 114753.877%	
5	2018	FF/PB/Approach/37145/2018	Division area of 0.0044 ha of forest land for approach road to Godown situated at Village Puhra on Bhagwara bye pass to Chandigarh Bypass, Tehsil and Distt. Hoshangpur under Hoshangpur Forest Division (Proposal No. FF/PB/Approach/37145/2018 dated 10/11/2018) Model Order File No. PCA/1360/155/2018	Approach Access	Hoshangpur	File No. S-785532/2018-CHA	10-05-2021	0.0044	Pvt	1	0	0	1	0	0	0.100	0.0	0.0	0.100	0.0	0.00	0.00	0.00	0.00	0.00	48000	3754	0	0	0	0.100	Dabrian, FF M.S. No. 471-114753.877% 114753.877% 114753.877% 114753.877% 114753.877% 114753.877%	
6	2015	FF/PB/Other/14172/2015	Division of 0.0849 ha (0.08605 ha already approved + 0.09805 ha) of for construction of approach road for a existing retail outlet of Indian Oil Corporation Ltd., (Khushi Ram & Sons) along the existing NH-70 (New NH-2) at village-Chahal, Khata No. 10 on Hoshangpur-Dagret road between Km. Stone No. 47 to 48 (R&D), Tehsil & Distt. Hoshangpur, Punjab. (Proposal No. FF/PB/Other/14172/2015)	Other (Petrol Pump Approach Access AD Lane)	Hoshangpur	File No. S-785438/2015-CHA	20-05-2021	0.08605	Pvt	28	0	0	28	0	0	0.212	0.0	0.0	0.212	0.0	0.00	0.00	0.00	0.00	0.00	28155	82147	0	0	0	0.212	Chal Sahu, FF M.S. No. 265-114753.877% 114753.877% 114753.877% 114753.877% 114753.877% 114753.877%	

Compensatory Afforestation for APO 2022-23 (Jalandhar Forest Division)

Sr. No.	Basic Detail of Project				Detail of Final Approval		Plantation Area CA ha.	Site of Plantation	Range	Remarks
	Project Title	Diverston	Category	Online Proposal No.	Letter No.	Date				
1	Diversion of 0.014638 ha. of Forest land for approach road to retail outlet of Indian Oil Corporation Ltd. at village Jansingh on Nakodar-Kapurthala road Km. 7-8 L/s Tehsil Nakodar & Distt. Jalandhar, Punjab	0.014638	Approach	FP/PB/Approach/41758/2019	FOREST-FCA0FC57/46/2020-FCA	30-Sep-2020	0.1	Miam Mullah, Teh. Talwandi Chowdrian Distt. Kapurthala	Kapurthala	
2	Diversion of 0.0166 Ha. of forest land for approach road to retail outlet of Indian Oil Corporation Ltd. n Bhogpur-Bholath Road at Village Baagriah Tehsil Bholath & Distt. Kapurthala, under Forest Division Jalandhar, Punjab	0.0166	Approach	FP/PB/Approach/45633/2020	FOREST-FCA0FC57/32/2020-FCA	25-Nov-2020	0.1	Phillaur Distributory RD 113 to Nakodar Mahatpur Road Pull.	Nakodar	
3	Diversion of 0.01444 Ha. of Forest Land for Approach road to retail outlet of Bharat Petroleum Corporation Ltd. at village Laksian on Malian - Lehian Road, Tehsil Shahkot & Distt. Jalandhar, under Forest Division Jalandhar, Punjab	0.01444	Approach	FP/PB/Approach/46667/2020	FORET-FCA0FC57/40/2020-FCA	1-Dec-2020	0.1	Phillaur Distributory RD 113 to Nakodar Mahatpur Road Pull.	Nakodar	
4	Diversion of 0.0125 Ha. of Forest Land for Approach Road to retail outlet of Bharat Petroleum Corporation Ltd. at Village RUKKA KALAN on Gorzya-Jadiala Road, Tehsil Phillaur & Distt. Jalandhar (Punjab)	0.0125	Approach	(FP/PB/Approach/46800/2020)	FOREST-FCA0FC57/37/2020-FCA	11-Dec-2020	0.1	Phillaur Distributory RD 113 to Nakodar Mahatpur Road Pull.	Nakodar	
5	Diversion of 0.0594 Ha. (instead of 0.0324 Ha.) of forest land in favour of PSTCL for laying of 66 KV Transmission line from 220 KV S/s Kartarpur to 66 KV S/S Focal Point crossing on Jalandhar Anarisar Road Km. 389-390 B/s in forest Division & Distt. Jalandhar, Punjab	0.0594	Trans.	FP/PB/Trans/33130/2018	FOREST-FCA0FC57/15/2020-FCA	30-Dec-2020	0.15	Sarhi Distributory RD 0 to 70 B/s	Phillaur	
6	Diversion of 0.037 Ha. of Forest Land in favour of PSPCL for laying of 66 KV Rehana Jattan (Distt. Kapurthala) to Allowal (Distt. Hoshiarpur) line on Hoshiarpur - Phagwara road KM 24-25 B/s under Forest Division Jalandhar & Distt. Kapurthala	0.037	Trans	FP/PB/Trans/5791/2014	9-PBB525/2014-CHA	23-Feb-2021	0.18	Bir Gill, Sultanpur Lodhi, Compartment No.2, Kpt	Kapurthala	
7	Diversion of 0.0065 Ha. of Forest Land for approach road to S.M.S. Food Park situated at Village Khichipur on Jandu Singha Road to Dhandour (M.E.S. Road) Tehsil Jalandhar 1, Under Forest Division & Distt. Jalandhar, PUNJAB.	0.0065	Approach	FP/PB/Approach/43621/2019	9-PBB378/2020-CHA	9-Apr-2021	0.1	Jandiala Drain, Tehsil Phillaur, Distt. Jalandhar	Phillaur	
8	Diversion of 4.1205 Ha. of Forest Land in favour of Central Works Division, PWD, B&R, Jalandhar for four laning of Jalandhar Nakodar Road NH-71/703 Section from KM 4.960 to 12.00 in the state of Punjab on EPC Mode Forest Division Jalandhar at Phillaur & Distt. Jalandhar	4.1205	Road	FP/PB/ROAD/44522/2020	9-PBB310/2021-CHA	12-May-2021	4	Satiy Dhusi Band RD 53-65 B/sides	Nakodar	
							4.241	Satiy Dhusi Band RD 150-180 B/sides	Nakodar	
9	Diversion of 0.1480 ha of forest land for Improvement of Y-Junction at Km. 8.450 on Jalandhar Hoshiarpur Manali road on NH-70 (New Name NH-3) in the state of Punjab	0.148	Road	FP/PB/ROAD/7237/2017	9-PBB581/2014-CHA	3-May-2021	0.37	Bir Gill, Sultanpur Loadhi, Compartment No.2, Kpt	Kapurthala	
10	Diversion of 3.04 Ha. of Forest land in favour of Executive Engineer Construction Division No.2 PWD B & R Kapurthala for Construction of Road widening of Phagwara-Jandiala-Nakodar road KM. 1.00 to KM. 8.600 Both Side (Total Length 7.600 KM.) Tehsil- Phagwara & Distt. -Kapurthala under Forest Divisi	3.04	Road	FP/PB/ROAD/116849/2020	9-PBB357/2021-CHA	20-Jul-2021	17.13	Chitri Bein from Village Khun Khun to Village Sidhupur L/sides	Nakodar	
11	Diversion 0.4680 Ha. Forest land in favour of Central Works Division, PWD, B&R, Jalandhar for Construction of MNB at 47.830 on Jalandhar - Kapurthala - Sultanpur Lodhi - Makhu NH - 703A in the state of Punjab - Forest Division Jalandhar at Phillaur & District Jalandhar	0.468	Road	FP/PB/Road/117965/2020	9-PBB345/2021-CHA	27-Jul-2021	1.17	Kot Badal Kha Drain RD 0 to 42 B/sides	NAKODAR	
12	Diversion of 0.0086 hectare of forest land for approach road to Guru Amar Dass Public School at Village Ucha Bet, on Kapurthala-Fetudhinga-Sultanpur Lodhi road Km. 14-15 R/s Tehsil & District Kapurthala under Forest Division Jalandhar, Punjab.	0.0086	Approach	FP/PB/Approach/140715/2021	9-PBB360/2021-CHA	8-Sep-2021	0.1	Gohir Minor RD 15 to Tail, Tehsil Nakodar, District Jalandhar,	Nakodar	

Sr. No.	Basic Detail of Project				Detail of Final Approval		Plantation Area CA ha.	Site of Plantation	Range	Remarks
	Project Title	Diversion	Category	Online Proposal No.	Letter No.	Date				
13	Diversion of 6.9060 Ha. of Forest Land in favour of Divisional Engineer Works, Jalandhar Development Authority, Jalandhar for Construction of Road Widening of 66" Feet Road from KM 1.100 to KM 8.300 b/s (Total Length 7.200 KM) Tehsil & Distt. Jalandhar, Under Forest Division Jalandhar, Punjab	6.906	Road	FP/PB/Road/58386/2020	9-PBE343/2021-CHA	24/8/2021	13.82	Chitti Bein from Village Khun Khun to Village Sidhupur L/sides	Nakodar	
14	Diversion of 0.671 Ha. of Forest land in favour of Corporation Engineer Municipal Corporation Jalandhar for construction of Road widening of 66 feet road from KM. 0.00 to KM. 1.100 Both side,WML (Total Length 1.100 KM) Tehsil & Distt. Jalandhar, Punjab.	0.671	Road	FP/PB/ROAD/1195/78/2021	9-PBE399/2021-CHA	24/09/2021	1.68	Kot Badal Kha Drain RD 0 to 42 B/sides	Nakodar	
15	Diversion of 5.0064 ha (1.3363 ha in Amritsar Forest Division + 1.522 ha in Jalandhar Forest Division + 1.62 ha in Ludhiana Forest Division +0.5295 ha in Sangrur Forest Division) of forest land in favour of NRSSXXIX (B) Transmission Limited, for construction of 400 KV D/E Transmission Line from PGCIL sub-station at Amritsar under Forest Division and Districts Amritsar, Jalandhar, Ludhiana & Sangrur, Punjab	1.522	Trans	FP/PB/TRANS/102/34/2015	9PBC367/2016-CHA	22.08.2017	3.044	Bir Randhirpur Jangal C. No.1, Teh Sultanpur Lodhi, Distt. Kapurthala	Kapurthala	
16	Diversion of 16.76 Ha. of forest land in favour of Central Works Division, PWD, B&R, Jalandhar for Widening of Existing carriage way from 7.0 m to 10 m with strengthening from Km. 48.49 to 60.86 Section of Jalandhar-Kapurthala-Sultanpur Lodhi (Dadwindi)-Tashpur-Lohian-Gidderpindi road under Forest Division Jalandhar, Punjab.	16.76	Road	FP/PB/Road/13834/2015	9PBC319/2016-CHA	7-Jul-2020	14	Kingra Cho RD 23-85 B/s	Jalandhar	Gios ., pelo d giso Bpo PBC319/2016-CHA Dated 12-02-2021 Bsb uli nic KJBN; dg g18873 gigs J.D.
Total							60.385			

Divisional Forest Officer,
Jalandhar at Phillaur

Ludhiana Forest Division, Ludhiana
ACA Sites for Plantation for the year 2022-23

ACA Financial

Sr. No.	Name of the Proposal	GOI Sanction No. & Date	Diverted Area (in ha)	Name of Approved A.C.A. Sites	Area ACA (in ha.)	No. of Plants Planted	Tree Guard	Approved Rate of Advance Earth Work	Amt. of Advance Work	Approved Rate of Plantation	Amt. of Plantation	Approved Rate of Forest Protection (Measure)	Amount of Forest Protection (Measure)	G. Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Diversion of 0.0900 ha. of protected Forest Land for Construction of 66 KV Line Transmission Line Humbran to Adda Dakha S/c on D/c under Forest Division and Distt. Ludhiana.	9- PBB442/2016- CHA	0.0900	Sidhwan Branch Canal RD 38-60	0.020	10	5	52500	1050	59126	1183	1800	9000	11233
2	Diversion of 1.8655 Ha. Of forest land in favour of PSPCL for 66 KV Line from 220 KV Sahnewal to 66 KV Kanganwal. Under Forest Division Ludhiana.	9- PBB311/2019- CHA	1.8655	New Haider Nagar Forest	3.30	1650	400	52500	173250	59126	195116	1800	720000	1088366
3	Diversion of 0.08508 Ha. Of Forest Land for Approach Access Road to the Retail Outlet (Kissan Sewa Kendar) of Indian Oil Corporation Limited at Village Neelon Kalan on Ropar-Ludhiana Road, L/s Tehsil Samrala Under Forest Division & Distt Ludhiana.	FCA0FC6L/1 1/2020-FCA	0.08508	Garhi Fazil C. No. 2	0.56	280	0	52500	29400	59126	33111	1800	0	62511
4	Diversion of 2.0825 Ha. Of Forest Land in Favour of PSTCL for Laying 220 KV Transmission Line from 220 KV S/s Gounsgarh to 220 KV S/s Iadhowal Under Forest Division & Distt Ludhiana	9- PBB351/2020- CHA	2.0825	SB Canal	0.87	435	436	52500	45780	59126	51558	1800	784800	882138
5	Diversion of 0.015132 Ha. Of Forest Land for Approach access road to Private Property of M/s Golden Grand Resort (Marriage Palace) at Village Mohanpur Km. 2478.513 L/s Tehsil Khanna Under Forest Division & Distt Ludhiana.	FCA0FC6L/2 6/2020-FCA	0.015132	Hadiwal Forest	0.020	10	0	52500	1050	59126	1183	1800	0	2233
Total CA & PCA			4.14		4.772				250530		282149		1513800	2046479

**Divisional Forest Officer,
Ludhiana Forest Division,
Ludhiana.**

Ludhiana Forest Division, Ludhiana
CA Sites for Plantation for the year 2022-23

Sr. No.	Name of the Proposal	Range	GOI Sanction No. & Date	Date	Diverted Area (in ha)	Name of Approved C.A. Sites	Area CA (in ha.)
1	2	3	4	5	6	7	8
1	Diversion of 0.00844 ha. Of forest land for approach access road to the proposed of MS/HSD B Site Retail Outlet Dealership Indian Oil Corporation Limited at Location Payal(WML) on Payal-Doraha Road, Tehsil Payal, Distt. Ludhiana. Under Forest Division Ludhiana.	Mattewara	FOREST-FCA0FC6L/36/20-20-FCA	27.11.2020	0.008440	Garhi Fazil Forest C. No. 2	0.10
2	Diversion of 0.0900 ha. of protected Forest Land for Cosntruction of 66 KV Line Transmission Line Humbran to Adda Dakha S/c on D/c under Forest Division and Distt. Ludhiana.	Ludhiana	9-PBB442/2016-CHA	21.01.2020	0.09	Sidhwan Branch Canal RD 38-60	0.23
3	Diversion of 0.0346 ha. of Forest land for approach access road to retail outlet Bharat Petroleum Corporation Limited at Village Samrala, (WML) Khasra No. 21//8/3(4-17), 21//23/2(3-3) on Ludhiana-Chandigarh Road Km. 56-57 Tehsil Samrala under Forest Division & Distt. Ludhiana.	Mattewara	FOREST-FCA0FC6L/40/20-20-FCA/1/161650/2021	24.03.2021	0.0346	Mattewara Forest C. No. 38	0.10
4	Diversion of 1.8655 Ha. Of forest land in favour of PSPCL for 66 KV Line from 220 KV Sahnewal to 66 KV Kanganwal. Under Forest Division Ludhiana.	Mattewara	9-PBB311/2019-CHA	19.03.2021	1.8655	New Haider Nagar Forest	3.731
5	Diversion of 0.7742 ha. Of forest land in favour of PSPCL for Construction of 11 kv electric distribution line in Dholewal Chak Military Camp G.T. Road under forest division Ludhiana	Ludhiana	9-1566/2003-CHA	10.03.2021	0.7742	SB Canal RD 160-190 Both Side & Sangatpura Minor RD 0-70 Both Side	1.936
6	Diversion of 0.005069 Ha. Of Forest Land for approach access road to MS/HSD Retail Outlet of Hindustan Petroleum Corporation Limited at Village Kotli, Tehsil Payal, Distt Ludhiana. Under Forest Division & Distt Ludhiana.	Mattewara	FCA0FC6L/71/20-20-FCA	27.05.2021	0.005069	Mattewara Forest C. No. 38	0.10
7	Diversion of 0.029093 Ha. Of Forest Land for Approach Road to M/s Nucon Switchgears Pvt Limited at Village Malipur on G.T Road Km. 290.890 R/s., Tehsil Payal, Distt Ludhiana. Under Forest Division & Distt Ludhiana.	Samrala	FCA/8/2020-FCA	07.06.2021	0.029093	Rurewal Forest Samrala Range	0.073
	Penal CA						0.29
8	Diversion of 0.00779 Ha. Of Forest Land for extension of access road to Retail Outlet of Indian Oil Corporation Limited Location on Kohara-Sahnewal road Km. 2-3 R/s at Village Jandyali, Tehsil Sahnewal Distt Ludhiana. Under Forest Division Ludhiana.	Mattewara	FCA0FC6L/65/20-20-FCA	03.06.2021	0.00779	Mattewara Forest C. No. 38	0.10
9	Diversion of 0.01904 Ha. Of Forest Land in Favour of New Orbit Infra Consultancy for approach access road to proposed retail outlet of M/s PIK Bio Fuels Pvt. Ltd. At Km. 284.590 Right Side of NH-1 (New NH-44) at Village Bija, Hadbast No. 157, Tehsil Khanna, Under Forest Division & Distt Ludhiana.	Mattewara	9-PBB351/2021-CHA	22.07.2021	0.01904	Garhi Fazil C. No. 2	0.10

Sr. No.	Name of the Proposal	Range	GOI Sanction No. & Date	Date	Diverted Area (in ha)	Name of Approved C.A. Sites	Area CA (in ha.)
10	Diversion of 0.02022 Ha. Of Forest Land in Favour of M/s Think Gas Ludhiana Pvt. Ltd. For Approach access road to proposed CNG Station of M/s Think Gas Ludhiana Pvt. Ltd. At Village Raikot on Raikot-Barnala Road SH-13 at Km. 26+265 R/s Tehsil Raikot, Under Forest Division & Distt Ludhiana	Mattewara	9-PBB362/2021-CHA	09.07.2021	0.02022	Mattewara Forest C. No. 22	0.10
11	Diversion of 0.08508 Ha. Of Forest Land for Approach Access Road to the Retail Outlet (Kissan Sewa Kendar) of Indian Oil Corporation Limited at Village Neelon Kalan on Ropar-Ludhiana Road, L/s Tehsil Samrala Under Forest Division & Distt Ludhiana.	Mattewara	FCA0FC6L/11/2020-FCA	05.08.2021	0.08508	Garhi Fazil C. No. 2	0.17
	Penal CA						0.85
12	Diversion of 0.06756 Ha. Of Forest Land for Approach Access Road to the Proposed Retail Outlet of M/s IOCL at Village Libra on NH-1 (New NH-44) at Km. 278.050 R/s Tehsil Khanna Under Forest Division & Distt Ludhiana.	Mattewara	FCA0FC6L/25/2020-FCA	04.08.2021	0.06756	Hadiwal Forest	0.17
13	Diversion of 0.008011 Ha. Of Forest Land in Favour of M/s Opera Incorporation for Access road to the Hotel Namely M/s Opera Incorporation on Ludhiana-Malerkotla road Km. 15.05-16 R/s Village kaind Under Forest Division & Distt Ludhiana.	Mattewara	9-PBB336/2020-CHA	04.08.2021	0.00801	Hadiwal Forest	0.10
14	Diversion of 2.0825 Ha. Of Forest Land in Favour of PSTCL for Laying 220 KV Transmission Line from 220 KV S/s Gounsgarh to 220 KV S/s Iadhowal Under Forest Division & Distt Ludhiana	Mattewara	9-PBB351/2020-CHA	10.08.2021	2.0825	Mattewara Forest C. No. 3	4.20
15	Diversion of 0.00903 Ha. Of Forest Land in Favour of M/s North India Logistic Pvt. Limited for Approach Road to Proposed Industry namely M/s North India Logistic Pvt. Limited at Village Ashgripur (H.B No. 156) on Bija Payal Road, Tehsil Khanna. Under Forest Division & Distt Ludhiana.	Mattewara	9-PBB324/2021-CHA	24.08.2021	0.00903	Mattewara Forest C. No. 38	0.10
16	Diversion of 0.015132 Ha. Of Forest Land for Approach access road to Private Property of M/s Golden Grand Resort (Marriage Palace) at Village Mohanpur Km. 2478.513 L/s Tehsil Khanna Under Forest Division & Distt Ludhiana.	Mattewara	FCA0FC6L/26/2020-FCA	20.08.2021	0.015132	Hadiwal Forest	0.10
	Penal CA						0.15132
17	Diversion of 0.02424 Ha. Of Forest Land in Favour of Ludhiana Logistics Park LLP approach access road to Ludhiana Logistics Park LLP for Ware House on Khanna Ludhiana road Km. 287.604 R/s at Village Kot Panech & Mandiala Kalan, Tehsil Khanna Under Forest Division & Distt Ludhiana.	Mattewara	9-PBB421/2021-CHA	08.09.2021	0.02424	Mattewara Forest C. No. 22	0.10
18	Diversion of 0.016976 Ha. Of Forest Land in Favour of Sh. Hitesh Kumar Jain S/o Sh. Abhar Kumar Jain & Smt. Shilpy Jain W/o Sh. Amit Jain for Approach Road to Warehouse on Behalf of Joint owner of land namely Sh. Hitesh Kumar Jain S/o Sh. Abhar Kumar Jain & Smt. Shilpy Jain W/o Sh. Amit Jain at Village Kadian NH-1 Km. 323.890 Under Forest Division & Distt Ludhiana.	Mattewara	9-PBB376/2021-CHA	27.08.2021	0.016976	Mattewara Forest C. No. 38	0.10

Sr. No.	Name of the Proposal	Range	GOI Sanction No. & Date	Date	Diverted Area (in ha)	Name of Approved C.A. Sites	Area CA (in ha.)
19	Diversion of 0.12 Ha. Of Forest Land in Favour of Executive Engineer Water Supply and Sewerage Division No. 1 Ludhiana for Water Supply Scheme at Village New Abadi Akalgarh Block Sudhar, Tehsil Raikot. Under Forest Division & Distt Ludhiana.	Mattewara	9-PBB381/2021-CHA	08.09.2021	0.12	Mattewara Forest C. No. 22	0.24
20	Diversion of 28.092 Ha. of forest land for use for doubling of Railway Line by Northern Railway Between Ludhiana and Mullanpur and Ludhiana Yard Station Km. 1/575 to 21/325 L.H.S In LDGH Yard Km. 0/950 to 1/800 (LHS), Km. 1/060 to 1/860 (RHS) In Ludhiana Forest Division.	Mattewara	9-PBC431/2021-CHA	Date of Inprincipal Approval 11.10.2021	28.092	Mand Chounta Forest C. No. 3	5.00
						Salempur Forest C. No. 5 & 6	3.00
						Salempur Forest C. No. 1	5.00
						Mand Chounta Forest C. No. 4 & 5	12.00
						Mand Chounta Forest C. No. 1	10.00
		Mattewara Forest C. No. 31				10.00	
		Jagraon				AB Canal RD 181-188 Right Side	5.00
		SB Canal RD 207-220 Right Side				6.18	
Total					33.37		69.32

**Divisional Forest Officer,
Ludhiana Forest Division,
Ludhiana.**

55.61

2.17

0.363

11.18




Mansa Forest Division Mansa

APO 2022-23

Details of FCA Projects for Compensatory Afforestation

Sr. No.	Name of the project	Govt. of India State Govt. Approval No.	Appraisal Date	Forest area diverted ha	Stipulation (C.A)			Name of C.A. Site
					On Forest Land ha	Total C.A ha	Addl. C.A ha	
1	2	3	4	5	6	7	8	9
1	Proposal No. FP/PB/Approach/35342/2018 Full Title of the Project - Diversion of 0.01488 ha of Forest Area for approach Road to M/s Gary Associates, Marriage Palace, Village Ghuman Kalan, Bhiswanpurh Kotahana Road, Km 80-81 L/s District Bathinda, Under Forest Division Mansa, (Punjab)	FCA/1980/101655/2021	03-Jun-21	0.01488	0.100	0.000	0.016	Old Baha Durg RD Faldipura Mince to Mukhewala Pull B/s
2	Diversion of 0.0134 ha of Forest land for construction of approach road for proposed Retail Outlet of M/s Bharat Petroleum Corporation Limited at (Khasra No. 95/152, 96/11) on Barnala to Bhikhi Road, KM 20 to 21 L/s (As per Enumeration serial Bhikhi to Dhanuwa Road KM 4 to 5 B/s) Village Math, Tehsil Mansa, District Mansa, Punjab, Under Forest Division Mansa, Punjab.	9-PRB316/2021-CHA	09-Jun-21	0.0134	0.130	0.000	0.023	Ghunan Durg RD 0 to 20 B/s
3	Diversion of 0.0111 ha of Forest land for construction of approach Road for proposed Retail Outlet of M/s Indian Oil Corporation Limited at (Khasra No. 28/32, 28/42) on Badhala to Beha Road KM 7 to 8 (KM 6 to 7) L/s, Village Rangpur Bhande, Tehsil Badhala, District Mansa, Punjab, Under Forest Division Mansa, Punjab	Fca of 26/15/2021	06-Aug-21	0.0111	0.100	0.000	0.020	KBC RD 296 to 301 L/s
4	Diversion of 0.0240 ha of Forest land for construction of approach Road for proposed Retail Outlet of M/s Reliance BP Mobility Limited at (Khasra No. 78/183-0), 194-2) on Mansa to Siva Road KM 190 to 191 L/s (90/70) Village Jandharke, Tehsil Mansa, District Mansa, Punjab, Under Forest Division Mansa, Punjab. (Proposal No. FP/PB/Approach/118478/2020)	9PRB372/2021-CHA	27-Jul-21	0.0240	0.100	0.000	0.000	KBC RD 296 to 301 L/s
5	Diversion of 1.90 ha of Forest land in favour of Executive Engineer Central works division PWD Bathinda, for improvement widening and strengthening of Raha-Sardulgarh road on MDE-18 from 24.80 to 34.80 B/s (from 7.00 mt. to 10 mt.) under Forest Division and District Mansa, Punjab. (Proposal No. FP/PB/Resd/7545/2014)	9-PRB423/2015-CHA	25-Oct-21	1.90	3.8	0.00	8.34	New Dhandal Branch RD Faldipura to Bhiswanpur Huzga Pull B/s
6	Diversion of 2.34 ha (Mansa F.D 2.03 ha +) Bathinda F.D 0.31 ha) of forest land in favour of Executive Engineer, Rangpur Division, LR, Rangpur for reconstruction of Mandi Main RD 0.56000 at Village Alha & Jaga under Forest Division and District Mansa and RD 36000-42000 at Village Chotke under Forest Division and District Bathinda, Punjab (Proposal No. FP/PB/Res/7550/2014)	9-PRB337/2015-CHA	26-Oct-21	2.03	4.06	0.00	0.000	Kotla Branch Canal RD 245-269 B/s
TOTAL				3.993	8.310	0.000	8.604	

Plantation Report for the year 2022-23 (CA)

Sr. No.	Name of the project	Forest area diverted	Name of Addl. C.A. Site	Area of Addl. C.A.	Geo Coordinates of site (As per DGPS map of the site)		KML File	Remarks
					Longitude	Latitude		
1	CA	Diversion of 0.0935ha of Forest land in favour of M/sHindustan Prtroleum Coport. Ltd. for approach road to setting up a retail outlet at village Karala Tehsil Banur on Zirakpur Patitala Road 11-12 R/s	Bir Hansala	0.234	30°31'29.52"N	76°47'6.71"E	 Hansala CA 22-23.kml	gbkN; B eoB bJh gd vokp; h Bo; oh sl bJ i kD jB.
2	CA	Diversion of 0.0040 ha of Forest Land in favour of M/s Hindustan Petroleum corporation Ltd for approach road to setting up a New retail outlet at Village Tangori on Kharar-Banur Road NH 205 under Forest Division SAS nagar	Siswan Diversion	0.100	30°47'37.46"N	76°40'39.86"E	 CA Siswan Diver.kml	gbkN; B eoB bJh gd f; nkwgjo Bo; oh sl bJ i kD jB.
3	CA	Diversion of 0.028 ha of Forest landfor construction of approach road verka mega dairy at Village Bassi Pathana, on Sirhind morinder Road 13-14 under Forest Division SAS nagar	Gobindgarh Rajwaha Damanher Pull to Tail B/s	0.100	30°55'29.53"N	76°45'6.77"E	 Gobindgarh Rajwaha CA 22-23.kml	gbkN; B eoB bJh gd ywDl Bo; oh sl bJ i kD jB.
Total				0.4340				

Divisional Forest Officer
SAS Nagar.

Year 2022-23 C.A Plantation Strips (Muktsar Forest Division)

Sr. No	Name of Division	Name of Range	Forest Area has to be Diverted	Govt. of India/State Govt. Approval No.	Approval Date	Name of CA Site	Area in ha. CA	Area in Penal CA	A.C.A	Target for Plantation in Year 2021-22	Geo Coordinates	
1	Sri Muktsar Sahib	Muktsar	0.0176	File No. Forest-FCAOFC1M/8/2020-FCA dt 19-9-2020	15-10-2020	Kotli Kassi RD 0-C.B Drain L/s	0.1	0	0	0.100	30°22'42.82"N 74°45'55.20"E	30°20'19.15"N 74°45'00.57"E
2		Muktsar	0.0158	File No. Forest-FCAOFC1M/24/2020-FCA dt 6-10-2020	22-10-2020	Kotli Kassi RD 0-C.B Drain R/s	0.1	0	0	0.100	30°22'42.80"N 74°45'54.88"E	30°20'19.56"N 74°45'00.42"E
3		Muktsar	0.0044	File No. Forest-FCAOFC1M/25/2020-FCA dt 26-10-2020	12-11-2020	Kotli Kassi RD 0-C.B Drain R/s	0.1	0	0	0.100	30°22'42.80"N 74°45'54.88"E	30°20'19.56"N 74°45'00.42"E
4		Muktsar	0.007768	9-PBB302/2021-CHA	30-3-2021	AB Canal Mile no. 102-105 R/S	0.1	0.078	0	0.178	30°20'57.89"N 74°21'07.12"E	30°18'49.45"N 74°22'18.18"E
5		Muktsar	0.005298	9-PBB357/2020-CHA	9-4-2021	AB Canal Mile no. 102-105 R/s	0.1	0.011	0	0.111	30°20'57.89"N 74°21'07.12"E	30°18'49.45"N 74°22'18.18"E
6		Muktsar	0.0434	9-PBB306/2021-CHA	12.5.21	Kotli Kassi RS 0-CB Drain R/side	0.23	0	0	0.230	30°22'42.80"N 74°45'54.88"E	30°20'19.56"N 74°45'00.42"E
7		Muktsar	0.003	9-PBB421/2017-CHA	7.6.21	Kotli kassi 0- to CB drain R/s	0.1	0	0	0.100	30°22'42.80"N 74°45'54.88"E	30°20'19.56"N 74°45'00.42"E
8		Muktsar	0.0486	9-PBB33112019-CHA	9.6.21	Beelewala Minor RD 57-Tail B/side	0.14	0	0	0.140	30°20'31.22"N 74°22'18.18"E	30°19'40.21"N 74°24'34.88"E
9		Muktsar	0.1	File No. Forest-FCAOFC/M/8/2021-FCA dt 12-7-2021	12.7.21	Kotli Kassi RD 0-CB Drain R/s	0.25	0	0	0.250	30°22'42.80"N 74°45'54.88"E	30°20'19.56"N 74°45'00.42"E
10		Muktsar	0.0896	File No. Forest-FCAOFC/M/5/2021-FCA dt 16-7-2021	16.7.21	Alamwala Kassi Rd 15-40 B/s	0.224	0	0.28	0.504	30°21'28.47"N 74°20'40.00"E	30°19'44.51"N 74°40'55.87"E
11		Muktsar	0.0064	File No. Forest-FCAOFC/M/11/2021-FCA dt 22-7-2021	22.7.21	Alamwala Kassi Rd 15-40 B/s	0.1	0	0	0.100	30°21'28.47"N 74°20'40.00"E	30°19'44.51"N 74°40'55.87"E
12		Muktsar	0.00485	File No. Forest-FCAOFC/M/1/2021-FCA dt 23-7-2021	23.7.21	AB Canal Mile no 102-105 r/s	0.1	0	0	0.100	30°20'57.89"N 74°21'07.12"E	30°18'49.45"N 74°22'18.18"E
13		Muktsar	0.014	File No. Forest-FCAOFC/4R/22/2020-FCA dt 31-7-2021	31-7-2021	Kotli kassi RD 0- to CB drain R/s	0.1	0	0	0.100	30°22'42.80"N 74°45'54.88"E	30°20'19.56"N 74°45'00.42"E
14		Muktsar	0.0191	File No. Forest-FCA/38/2020-FCA dt 19-8-2021	19-8-2021	Kotli Kassi RD 0-CB Drain R/S	0.1	0	0	0.100	30°22'42.80"N 74°45'54.88"E	30°20'19.56"N 74°45'00.42"E
15		Muktsar	0.09146	: 9-PBB418/2015-CHA	25-8-21	AB Canal Mile no. 102-105 L/s	0.229	0.434	0.028	0.691	30°20'57.89"N 74°21'07.12"E	30°18'49.45"N 74°22'18.18"E
16		Muktsar	0.004	File No. Forest-FCAOFC/1M/10/2021-FCA dt 26-8-2021	26-8-2021	Alamwala Kassi Rd 15-40 B/s	0.1	0	0	0.100	30°21'28.47"N 74°20'40.00"E	30°19'44.51"N 74°40'55.87"E
17		Muktsar	0.0848	: 9-PBB333/201-CHA Dt 19-8-21	19-8-21	Bhangchari Kassi RD 0-tail B/S	2.76	0	0.4	3.160	30°24'24.29"N 74°29'43.70"E	30°22'28.28"N 74°21'01.75"E
18		Muktsar	0.010	File No.FOREST-FCAOFC1M/13/2021-FCA	7-9-21	Alamwala Kassi Rd 15-40B/S	0.1	0	0	0.100	30°21'28.47"N 74°20'40.00"E	30°19'44.51"N 74°40'55.87"E
19		Muktsar	0.1465	: 9-PBB361/2021-CHA Dt 10-8-21	24-09-2021	Alamwala Kassi RD 15-40B/S	0.366	0	0.112	0.478	30°21'28.47"N 74°20'40.00"E	30°19'44.51"N 74°40'55.87"E
20		Muktsar	0.106	File No.FOREST-FCAOFC1M/33/2020-FCA	2-9-2021	Kotli Kassi Rd 0-Cb drain R/s	0.1	0	0	0.100	30°22'42.80"N 74°45'54.88"E	30°20'19.56"N 74°45'00.42"E
21		Muktsar	0.007	File No. Forest-FCAOFC/1M/7/2021-FCA dt 29-9-2021	29-9-21	Alamwala Kassi Rd 15-40 B/s	0.1	0	0	0.100	30°21'28.47"N 74°20'40.00"E	30°19'44.51"N 74°40'55.87"E
22		Muktsar	0.04455	File No. Forest-FCAOFC/1M/6/2021-FCA dt 08-10-2021	8.10.2021	Kotli Kassi Rd 0-Cb drain R/s	0.112	0	0	0.112	30°22'42.80"N 74°45'54.88"E	30°20'19.56"N 74°45'00.42"E
23		Muktsar	0.1304	File No. Forest-FCAOFC/1M/32/2020-FCA dt 13-10-2021	13.10.2021	Kotli Kassi Rd 0-Cb drain R/s	0.326	0	0	0.326	30°22'42.80"N 74°45'54.88"E	30°20'19.56"N 74°45'00.42"E
24		Muktsar	0.098	9-PBB363/2021-CHA	27.10.2021	Alamwala Kassi RD 15-40B/S	0.245	0	0	0.245	30°21'28.47"N 74°20'40.00"E	30°19'44.51"N 74°40'55.87"E
25		Muktsar	0.00227	FOREST-FCAOFC1M/23/2020-FCA	9-11-21	Kotli kassi RD 0- to CB drain R/s	0.1	0	0	0.100	30°22'42.80"N 74°45'54.88"E	30°20'19.56"N 74°45'00.42"E
26		Muktsar	0.0857	FOREST-FCAOFC1M/25/2021-FCA	13.12.21	Alamwala Kassi RD 15-40B/S	0.214	0	0.004	0.218	30°21'28.47"N 74°20'40.00"E	30°19'44.51"N 74°40'55.87"E
Total of Sri Muktsar Sahib Range							6.596	0.523	0.824	7.943		

Sr. No	Name of Division	Name of Range	Forest Area has to be Diverted	Govt. of India/State Govt. Approval No.	Approval Date	Name of CA Site	Area in ha. CA	Area in Penal CA	A.C.A	Target for Plantation in Year 2021-22	Geo Coordinates	
27	Sri Muktsar Sahib	Lambi	2.119	9-PB8384/2020-CHA	10.5.21	Bathinda Hindumal Kot Railway line KM 22-26 R/side	4.238	0	0.084	4.322	30°12'24.83" N 74°42'22.80" E	30°12'31.88" N 74°42'38.88" E
28		Lambi	3.952	9-PB8384/2020-CHA	4.6.21	Bathinda Hindumal Kot Railway line KM 22-28 L/side, Range Lambi	3.4	0	0.2	3.600	30°12'24.83" N 74°42'22.80" E	30°12'31.88" N 74°42'38.88" E
Total of Lambi Range							7.638	0.000	0.284	7.922		
29	Sri Muktsar Sahib	Fazilka	3.952	9-PB8384/2020-CHA	4.6.21	Houzkhas minor Rd 0-35 R/s and 4-35 L/s	4.504	0	0	4.504	30°28'24.04" N 74°18'22.88" E	30°28'08.21" N 74°18'48.98" E
30	Sri Muktsar Sahib	Fazilka	58.7329	9-PB0451/2021-CHA	17.12.21	Ferozepur-Fazilka Railway line km 50-85 R/s	75	0	0	75.000	30°38'28.18" N 74°14'58.78" E	30°24'31.88" N 74°02'18.11" E
31						Abohar Fazilka Railway line km 28-42 B/s	20	0	0	20.000	30°17'57.88" N 74°04'58.88" E	30°29'21.24" N 74°00'08.88" E
32						Southern disty 0-29 B/s	15	0	0	15.000	30°16'48.78" N 74°11'28.00" E	30°22'58.88" N 74°08'01.88" E
33						Southern disty 29-60 B/s	7.466	0	0	7.466	30°22'58.88" N 74°08'01.88" E	30°19'16.88" N 74°04'37.72" E
34						Ditch drain Rd 0-50 L/s	0	0	44.852	44.852	30°27'58.88" N 74°08'01.88" E	30°19'38.48" N 74°08'01.88" E
35						Jalalabad drain Rd 12-110 B/s	0	0	20	20.000	30°07'14.88" N 74°17'28.08" E	30°11'58.88" N 74°08'58.18" E
36						Bikaner Canal Rd 234-264 B/s	0	0	20	20.000	30°28'28.91" N 74°18'01.88" E	30°28'18.78" N 74°12'28.78" E
37						Bikaner Canal Rd 274-294 L/s	0	0	10	10.000	30°21'28.88" N 74°10'27.71" E	30°18'58.08" N 74°07'18.11" E
38						Tarobari Drain 0-30 B/s	0	0	10	10.000	30°31'28.12" N 74°18'08.88" E	30°31'12.72" N 74°08'21.01" E
Total of Fazilka Range							121.97	0	104.852	226.822		
Grand Total of Muktsar Forest Division							136.204	0.523	105.960	242.687		

Divisional Forest Officer
Sri Muktsar Sahib

Annexure -I A

Site wise report pf C.A for the year 2022-23 as under:-						
S.No	Case Name	Ca Area in Ha Now	CA Site	Geo - Reference		Remarks
				Longi	Leti	
1.	Diversion of 0.0033 ha. forest land for approach road for setting up a new Retail outlet on Khanpur Chowk to Pangoli Chowk (Pathankot to Shahpur kandi) road km 1.615 Right / side village Manwal H.B. No. 343 Khasra No. 698/2 district Pathankot. (By. Rajeew Sharma Manager (Retail Sales) Indian Oil Corporation Limited Pathankot).	0.1	Hydel Channel	32°18'39.62"N	75°34'46.79"E	31/12/2019
2	Diversion of 0.0144 ha. forest land for construction of approach road to K2 Resort on Mamoon - Madhopur road km 12-13L/side at village Mutfarka Khasra No 22R/13/1,14/2, 17/2/1,17/2/2,18/1. P.O. Sujampur under forest division & district Pathankot	0.244	UP Niari Plangi	32°26'27.78"N	75°49'46.14"E	28/04/2021
3	Diversion of 0.0056 Ha forest land for approach road for Construction of a DELHI PUBLIC SCHOOL at Pathankot to Amritsar road km 13-14 L/side at Village Jakholahri, Forest Division & District Pathankot. (By. Sh Karan Singh Sekhon S/o Sh Jaspal Singh Sekhon Adhunik Vihar Distt Pathankot.) Proposal No. FP/PB/APPROACH/39637/2019	0.1112	Hydel Channel	32°17'59.77"N	75°34'41.37"E	21/06/2021
4	Diversion of 1.215 ha of forest land for widening of road from Barma to Fatehpur Mastpur Janial road including High level Bridge km 6 to 10 B/Side forest Division and District Pathankot in the state of Punjab. (By. Executive Engineer, Construction Division PWD B&R Br.Pathankot).Proposal No - FP/PB/ROAD/40238/2019	2.43	P-11 Banaspur	32°23'17.53"N	75°44'51.89"E	24/06/2021
5	Diversion of 1.15 ha. of forest land for Up gradation of road from Dunera to Lehroon Gall km 0.657 to 7 B/Side (Widening from Dunera to Bhaktpur) under Forest Division and District Pathankot in the State of Punjab.Proposal No :- FP/PB/ROAD/35126/ 2018	2.3	Magnize Area	32°26'19.60"N	75°45'20.15"E	23/07/2021
6	Proposal No. FP/PB/Road/30146/2017 Diversion of 0.0189 ha. forest land for approach road for Construction of a SUKH SADAN HOSPITAL on Pathankot to Dalhousie road KM 3-4 L/side at village Mamoon forest division and district Pathankot.	0.1	Mastgarh Forest	32°12'19.57"N	75°22'31.02"E	22/09/2021
7	Diversion of 0.1637 ha of forest land for Construction of Low Height Subway in lieu of level crossing no. S-148 on Jalandhar Pathankot Railway line near Cantt Railway Station Pathankot under forest Division and District Pathankot. (By. Executive Engineer, Construction Division PWD B&R Br. Pathankot). Proposal No :-FP/PB/ROAD/42047/2019	0.409	UP Sural Forest	32°21'28.52"N	75°47'33.37"E	23/09/2021
8	Diversion of 3.10 ha of Forest land in favour of Ex. Engineer, Construction Division, PWD B&R Br. Pathankot for improvement/widening of road from Dhobra Taragarh to Fatehpur Kharkhra road, Km 17.77 to 37.18 under Forest Division & District Pathankot, Punjab	6.2	Mirthal Forest			01-03-2022
9	Diversion of 0.0098 ha. forest land for approach road for setting up a new Retail outlet of BPCL on Pathankot to Khanpur Shahpur kandi road km 0 to 1 Left / side Khasra No. 600/167, 601/ 167, 602/167 district Pathankot. (By. Sh. Amarpreet Singh Ahluwalia Territory Manager (Retail) Bharat Petroleum Corporation Limited Suchi Pind, Jalandhar-144009. No. FP/PB/APPROACH/41515/2019	0.10	Hydel Channel	32°16'46.15"N	75°34'47.42"E	01-03-2022
10	Div. of 164.563 ha. (39.7619+52.0485+41.8526+30.90) of forest land for upgrading to 2/4 lane on Amritsar-Bathinda km. 112.575 -163.400 under Forest Division Ferozepur and Distt. Amritsar km. 163.40 to 212.50 under Forest Division Ferozepur, km. 212.500 to km 266 under Forest Division Faridkot and km 266-287-215 B/s under Forest Division Bathinda section of NH-55 (M/s Executive Engineer, Central Works Division, PWD, B&R Branch, Punjab	7.50	Village Mawa	32°24'41.70"N	75°55'5.11"E	24/7/2019
		12.50	P -Dholu tikar c no 2 and 3 UP Gahal	32°25'54.59"N	75°50'41.49"E	24/7/2019
		2	UP Srti	32°28'6.53"N	75°50'37.82"E	24/7/2019
		22				
		33.994				

Divisional Forest Officer,
Pathankot.

Performa of Cases Wise List (Plantation Under CA Degarded Model) for the Year 2022-23

Sr. No.	Name of the Project	Category	Govt. of India / Punjab Approval No.	Approval date	Forest land diverted Ha.	Stipulations (C.A.)		Area to be taken up for CA (in the next year)	CA site	Amount as per GOI Approved		
						On Forest Land (Ha.)				Amount Earth Work for 2022-23 and raising of Nursery stock	Plantation in 2020-23	Forest Protection measures for current year
1	Division of 0.0154 ha of Forest Land for permission for approach road to the Plot (Proposed for Showroom) of Pardeep Verma on Northern Bypass road Km 2-3 L/S Patela Tehsil & Distt: Patela under forest Division Patela, Punjab	Approach	9-P88344/2018-CHA	03.08.2020	0.0154	0.1		0.1	LM Ghagger Bendh RD 0-18 B/S	4614.391	9431.66	6281.229
2	Division of 0.004461 Ha. of forest land for Permission for construction of approach access Retail outlet of Indian Oil Corporation Limited at Village Kaiwanu on Ghagge-Kaiwanu link Road KM 2-3 L/s Tehsil Patran, District Patela under Forest Division Patela.	Approach	FOREST-FCADFC2P/57/2020-PCA	17.12.2020	0.004461	0.1		0.1	Mohagwara Rajwaha RD 0 to Tail B/s	4614.391	9431.66	61812.29
3	Division of 0.0168 ha. forest land for Construction of approach road to the proposed Retail Outlet at village Bhadel Thuna, on Shawanigam-Nabha-Gobindgarh Road KM 44 to 45 RHS (Nabha-Gobindgarh Road KM 44 to 45 RHS) Tehsil Amlian Distt Patangarh Sahib Under Forest Division Patela	approach	FOREST-FCADFC2P/56/2020-PCA	17.03.2021	0.0168	0.1		0.1	Mohagwara Rajwaha RD 0 to Tail B/s	4770.84	9730.8936	6483.8383
				PCA						0.049	0.049	2337.71
4	Division of 5.1622 Ha. of forest land From 0 km to 63.00 km for doubling of railway track of Rajpura – Bethinda Section of Northern Railway (Kauli (RHS), Kauli Goods platform (RHS), Kauli (RHS) approach of LS/7, Deun Kallen LHS, Patela Cantt B/S, Dhebian RHS, Under Forest Division Patela. [Supplementary Case] Proposal No:- FP/PS/Rail/48907/2020.	Railway	9-P8C367/2020-CHA	23.03.2021	5.1622	5.276		5.276	Haripur Minor RD 0 to Tail B/S Total 10.32 Hac	251706.5164	314457.1463	342614.9087
5	Division of 0.1652 ha. of forest land permission for construction of approach Access Dhilon Water Park Pvt Ltd. (Dhilon Fun World) at Village Sanour on Patela-Renawa road KM 6-8 L/s, Tehsil & Distt: Patela under Forest Division Patela, Punjab.	Approach	9-P88357/2020-CHA	08.4.2021	0.1652	0.413		0.413	Mohagwara Rajwaha RD 0 to Tail B/s	19027.43483	38952.7356	25641.47701
6	Division of 0.01 ha. of forest land permission for approach road to construction of consultancy office by Shri Mukh Raj Gupte on Northern Bypass Patela Km 4-5 L/S, under forest division and District Patela, Punjab	approach	9-P88434/2018-CHA	28.04.2021	0.01	0.070		0.070	NBC RD 63 to 98 B/S	3230.0737	6602.162	4386.56021
7	Division of 0.012804 ha of Forest land Permission for Construction of approach Access to BRS Farm House Village Nial on Chandigarh-Hissar road km 121-122 L/S Tehsil Patran , Distt Patela, Under Forest Division Patela.	approach	9-P88395/2021-CHA	28.04.2021	0.012804	0.1		0.1	Mohagwara Rajwaha rd 0 to tail B5	4614.391	9431.66	6281.229
8	Division of 0.143 Ha. of forest land for construction of Approach Access to Retail outlet of Hindustan Petroleum Corporation Ltd at Semana on Semana-Shawanigam Road KM 2-3 L/s, Tehsil Semana Under Forest Division Patela	approach	9-P88322/2021-CHA	24.05.2021	0.143	0.358		0.358	Haripur Minor Rd 0 to tail B5	17079.61	34908.19909	23247.94111

Sr. No.	Name of the Project	Category	Govt. of India / Punjab Approval No.	Approval date	Forest land diverted Ha.	Stipulations (C.A.)		Area to be taken up for CA (in the next year)	CA site	Amount as per GOI Approved		
						On Forest Land (Ha.)				Amount Earth Work for 2022-23 and raising of Nursery stock	Plantation in 2020-23	Forest Protection measures for current year
9	Diversion of 0.0108 Ha. of forest land for construction of approach access to the proposed Retail outlet of Indian Oil Corporation Limited Situated at Village Rajpura at RD KM 315.834 (LHS) on Patiale-Rajpura Road on NH-07, (Zirakpur-Patiale Road (NH-07) KM 28-29 R/S) Tehsil Rajpura, District Patiale under Forest Division Patiale	Approach	FOREST-FCADFCIP/38/2020-PCA	30.06.2021 PCA	0.0108	0.1 0.11	0.1 0.11	Mohalgowers Rajwaha RD 0 to Tail B/s	4770.84 5247.924	9700.8936 10725.88296	6439.8333 0	
10	Amendment of Nos. of trees required to be cutted for Diversion of 0.067 ha of Forest Land in favour of PSPCL for 66 KV S/S on D/C line from Amloh S/Str to 66 KV S/Str Bhadson crossing on various forest strips in Sirhind & Bhadson Range under forest Division Patiale, Punjab. (Bhadson range trees)	Transmission Line	9-P88344/2018-CHA	12.7.2021	0.067	0.11	0.11	Mohalgowers Rajwaha RD 0 to Tail B/s	5075.6501	10374.826	6909.35223	
11	Diversion of 0.0448 Ha. of forest land Permission for construction of approach Access Retail outlet of Indian Oil Corporation Ltd at Village Ghegge on Chandigarh-Hissar Road KM 114-115 L/s, Tehsil Patran, District Patiale under Forest Division Patiale	Approach	9-P88323/2021-CHA	22.7.2021	0.0448	0.18	0.18	Mohalgowers Rajwaha RD 0 to Tail B/s	8387.512	17531.60848	11888.90894	
12	Diversion of 0.1408 ha. of forest land permission for construction of limited Height Subway (Railway Under Bridge) at level crossing on C.134/A (Rajpura City) along G.T. road (NH-1) Km 227-228 L/s and Old G.T. road K.M. Railway Phatek to Over Bridge L/s, Tehsil Rajpura & Distt.Patiale under Forest Division/Patiale, Punjab. Proposal No:- FF/PB/Road/31024/2020	Road	9-P88305/2021-CHA	13.08.2021	0.1408	0.7	0.7	Mohalgowers Rajwaha RD 0 to Tail B/s	33395.88	68256.2352	45456.8661	
13	Diversion of 0.0088 Ha. of forest land for Construction of approach road for proposed Retail Outlet at Ghansur (WML) on Ghansur-Shambhu road (Seel-Ghansur-Shambhu road KM Runki pull to Runka Runki link road RHS), Tehsil Rajpura, District Patiale under Forest Division Patiale. Proposal No:- FF/PB/Approach/ 48866/2020	Approach	FOREST-FCADFCIP/67/2020-PCA	09.09.2021	0.0088	0.1	0.1	Mohalgowers Rajwaha RD 0 to Tail B/s	4770.84	9700.8936	6439.8333	
14	Diversion of 2.40 Ha. of forest land permission for Widening and Upgradation of Samana-Shawanigarh Road from Km 0.00 to 3.00 B/s in the State of Punjab under NABARD RIDF XIV Scheme under Patiale forest Division & District Patiale. Proposal No:- FF/PB/ROAD/51896/2020	Road	9-P88375/2021-CHA	14.09.2021	2.34	4.8 0.436	4.8 0.436	Dhanetha Prem Singh Wala Minor RD Haryana Border to Tail	229000.32 20800.8624	468042.8928 42513.9961	311704.2384 28313.15469	
					8.741765	13.102	13.102		623678	1274711	894022	

PCA	0.595
Without PCA	12.507
Total	13.102

28386	59018	28313
595292	1216694	865709
623678	1274711	894022

Performa of Cases Wise List (Plantation Under CA Saline Alkaline Model) for the Year 2022-23.

Sr. No.	Name of the Project	Category	Govt. of India / Punjab Approval No.	Approval date	Forest land diverted Ha.	Stipulations (C.A.)		CA site	Amount as per GOI Approved		
						On Forest Land (Ha.)	Area to be taken up for CA (in the next year)		Amount Earth Work for 2022-23 and raising of Nursery	Plantation in 2020-23	Forest Protection measures for current year
1	Diversion of 0.0453 ha. of forest land permission for construction of approach Access to The Sunrise Grand Hotel at Vill: Rouni on Patiala-Nabha road km 8-9 R/s (Forest Strip Old P.N.C. Rd Inderpura farm to Shakti Vihar B/s) , Tehsil Patiala & Distt. Patiala under Forest Division Patiala, Punjab.	Approach	9-PBB314/2019-CHA	01.10.2020	0.0453	0.113	0.113	Bir Bhory Agou/ C No. 17,21,25 and 26	5214.262	10637.776	6984.759
2	Diversion of 0.01035 ha. of forest land for construction of approach access to the proposed retail outlet of Bharti Petroleum Corporation Limited situated at Village Dhindsa on NH-64 (New NH-07), at RD KM 306.925 RHS on Patiala-Rajpura road (Zirakpur-Patiala Road KM 37-38 L/s) Tehsil Rajpura & Distt. Patiala under Forest Division Patiala.	Approach	FOREST- FCA0FC2P/28/20-20-FCA	25.11.2020	0.01035	0.1	0.1	Bir Gurdaspure C No 3 and 4	4614.391	9431.660	6181.229
				PCA		0.0045	0.0045		207.646	424.423	0.000
3	Diversion of 0.0177 Ha. of forest land for construction of approach road for proposed retail outlet (Bharat Petroleum Corporation Limited) at Village Deogarh on Patran-Jakhal Road, Between KM stone 126 to 127 (LHS) , Tehsil Patran, Distt.Patiala under Forest Division Patiala	approach	FOREST- FCA0FC2P/37/20-20-FCA	06.02.2021	0.0177	0.1	0.1	Bir Gurdaspure C NO 3 & 4	4614.391	9431.660	6181.229
				PCA		0.006	0.006		276.893	363.900	
4	Diversion of 0.0018 Ha. of forest land permission for construction of approach Access M/s Sood Roller Flour Mills at Vill: Kharauri on Kharauri to Latour Road KM 0-1 L/S Tehsil & Distt.Fatehgarh Sahib under Forest Division Patiala, Punjab (PBIP).	approach	9-PBB358/2020-CHA	19.02.2021	0.0018	0.1	0.1	Bir Gurdaspure C NO 3 & 4	4614.391	9431.660	6181.229
				PCA		0.003294	0.003294		151.998	310.679	
5	Diversion of 0.0278 ha of forest land for construction of approach access to Indoswift warehousing Vill. Baproar on GT Road 1 km 216-217 L/s Tehsil Rajpura under forest division Patiala, Punjab	approach	9-PBB372/2020-CHA	13.03.2021	0.0278	0.110	0.110	Bir Bhorey Agou/ C.No. 17,21,25 & 26	5075.820	10374.826	6799.322
6	Diversion of 0.15079 ha. of forest land for approach access road to proposed Commercial Building (Avenue Supermarts Limited) At village Hasangur Prohtan on Patiala-Sirhind Road, KM 5.329 (LHS) on MDR-51, (Patiala-Sirhind Road KM 5 to 6 L/s) under Forest Division Patiala	approach	9-PBB374/2020-CHA	17.03.2021	0.15079	0.377	0.377	Bir Gurdaspure C. No.3 & 4	17986.067	38760.889	24278.121
				PCA		0.0096	0.0096	Bir Gurdaspure C. No.3 & 4	408.001	936.086	

Sr. No.	Name of the Project	Category	Govt. of India / Punjab Approval No.	Approval date	Forest land diverted Ha.	Stipulations (C.A.)	Area to be taken up for CA (in the next year)	CA site	Amount as per GOI Approved		
						On Forest Land (Ha.)			Amount Earth Work for 2022-23 and raising of Nursery	Plantation in 2020-23	Forest Protection measures for current year
7	Diversion of 0.003191 ha. of forest land permission for construction of approach Access Gill Farm House (Marriage Palace) at Vill: Shatrana, Tehsil Patran on Retgarh; Shatrana link Road KM 29-30 R/s, Tehsil Patran Distt. Patiala under Forest Division Patiala	Approach	9-PB8371/2020-CHA	07.04.2021	0.003191	0.1	0.1	Bir Gurdaspure C.No.3 & 4	4614.391	9431.660	6181.229
				PCA		0.0026	0.0026		Bir Gurdaspure C.No.3 & 4	258.406	523.173
8	Diversion of 0.009904 ha of forest land permission for construction of approach access Palm Courts (Marriage Palace), Ontal Property Management Pvt. Ltd., Hira Bagh, Patiala on Zirakpur-Patiala road Km 51-53 L/s under Forest Division Patiala, Punjab.	Approach	FOREST-FCA0FC25/65/2020-FCA	30.06.2021	0.009904	0.1	0.1	Bir Bhorey Agouli C.No 17,21,25 and 26	4614.391	9431.660	6181.229
				PCA		0.095	0.095			4333.671	8960.077
9	Diversion of 0.006818 ha of forest land for construction of approach access to Unipearl Alloys Vill., Tooran on Bhawanigarh-Nabha-Gobindgarh road KM 52-53 L/s Tehsil Amloh, Distt : Fatehgarh Sahib, under forest division Patiala, Punjab. Proposal No:- FP/PB/Approach/36375/2018	Approach	FOREST-FCA0FC2P/69/2020-FCA I/225625/2021	06.08.2021	0.006818	0.1	0.1	Bir Bhorey Agouli C.No 17,21,25 and 26	4614.391	9431.660	6181.229
				PCA		0.07484	0.07484			3453.410	7058.654
10	Diversion of 0.0274 ha of forest land permission for Construction of approach road to AGM Resorts Village Basantpura on GT Road NH-1 KM 239-240 L/s Tehsil Rajpura Distt Patiala Under forest Division Patiala. Proposal No:- FP/PB/Approach/39535/2019	Approach	9-PB8379/2020-CHA	10.08.2021	0.0274	0.1	0.1	Bir Behour C.No.10 & 12	4614.391	9431.660	6181.229
				PCA		0.0278	0.0278			1281.801	2622.001
11	Diversion of 0.020523 ha. of forest land permission for construction of approach access Kissan Palace Village Malkana on Chandigarh-Hissar Road KM 99-100 L/S, Tehsil Samana & Distt.Patiala under Forest Division Patiala, Punjab	Approach	9-PB8353/2020-CHA	04.01.2021	0.020523	0.1	0.1	Bir Gurdaspure C.No.3 & 4	461.439	943.166	6439.820
				PCA		0.0188	0.0188			86.751	177.315
12	Diversion of 1.6275 Ha. of forest land permission for construction of ROE at level II-ing no.1-A (Rajpura City) on Old GT Road Rajpura R.O. 0 to 1500 S/S Tehsil Rajpura, Distt: Patiala under Forest Division Patiala, Punjab.	Road	9-PB8356/2020-CHA	22.7.2021	1.6275	3.255	3.255	Bir Malah Kheri	150198.4271	307000.333	204454.0137
Total					1.949	4.900	4.900		221796	453342	292341

PCA	0.248
Without PCA	4.655
Total	4.900

10560	21583	116
211237	431759	292225
221796	453342	292341

Performa of Cases Wise List (Plantation Under CA Waterlogged) for the Year 2022-23

Sr. No.	Name of the Project	Category	Govt. of India / Punjab Approval No.	Approval date	Forest land diverted	Stipulations (C.A.)	Area to be taken up for CA (in the next year)	CA site.	Amount as per GOI Approved		
					Ha.	On Forest Land (Ha.)			Amount Earth Work for 2022-23 and raising of Nursery stock	Plantation in 2022-23	Forest Protection measures for current year
1	Diversion of 0.115414 ha of forest land for approach road to M/s Rajgarh Resort village Chuhanpur Kalan on Patiala-Sangrur Road KM 67-68 R/s Old (New NH-7 KM 272-273 L/s) Distt. Patiala Under forest division Patiala	Approach	9-PBB314/2019-CHA	09.04.2021	0.115414	0.289	0.289	Bir Miranpur-Ghogpur C.No.5	13335.590	27257.497	17863.752
2	Diversion of 0.5325 Ha. of forest land permission for construction of Fly Over for Entry of Buses into New Bus Stand Patiala and other allied works on Zirakpur-Patiala Road KM 50.500 to 53.00 B/s, Tehsil & District Patiala	Approach	9-PBB341/2021-CHA	04.08.2021	0.5325	1.331	1.331	Bir Miranpur-Ghogpur C.No.2	145481.800	65160.436	
3	Diversion of 0.0076 ha of Forest Land for permission for approach road to the M/s Pagro Frozen Food Pvt. Ltd. (Old Name Pagro Food Ltd.) on NH-64,Delhi to Amritsar road KM 243-244 R/s at Village Dalo Majra Tehsil & Distt.Fatehgarh Sahib under forest Division Patiala (Pb) Proposal No:- FP/PB/Approach/ 39858/2019	Approach	9-PBB364/2021-CHA	11.08.2021	0.0076	0.1	0.1	Bir Miranpur Ghogpur C No 5	10780.000	4895.600	
				PCA		0.0152	0.0152		1638.560	744.151	
4	Diversion of 5.1622 Ha. of forest land From 0 km to 63.00 km for doubling of railway track of Rajpura – Bathinda Section of Northern Railway (Kauli (RHS), Kauli Goods platform (RHS), Kauli (RHS) approach of LS/7, Daun Kallan LHS, Patiala Cantt B/S, Dhablan RHS, under Forest Division Patiala. (Supplementary Case) Proposal No:- FP/PB/Rail/49907/2020	Railway	9-PBC367/2020-CHA	23.03.2021	5.1622	3.044	3.044	Bir Miranpur Ghogpur C No 13 & 7	545743.200	246934.064	
Total					5.818	6.779	6.779		712979	344992	17864

PCA	0.015
Without PCA	6.764
Total	6.779

1639	744	0
711341	344248	17864
712979	344992	17864

Forest Division- Rupnagar

Case wise information regarding allocation of targets under Compensatory Afforestation for the year 2022-23

Sno	Name of the project	On line proposal No.	Category	Division	Govt. of India Approval No.	APPROVAL DATE	Year	Forest area diverted	No. of affected			No. of felled			Stipulation (CA)				Implementation (C.A.)				Fund Details						Area to be Afforested	Name of C.A. Site						
									Trees	Poles	Plants	Trees	Poles	Plants	CA	Panel CA	ADDL. CA. For tall plants	On Non-forest land	On Forest Land	Panel CA	ADDL. CA	On Non-forest land	Amount of CA deposited	Amount of NPV deposited	Amount of Panel CA deposited	Amount of Addl. CA deposited	Amount of Panel NPV including 12% interest deposited	Any Other Charges								
1	2	3	4	5	6	7	8	9	10			11			12				13				14						15	16						
1	Division of 0.01495 Ha. of forest land in favour of M/S Indian Oil Corporation Ltd for construction of approach road to the proposed Retail Outlet Dealership at Village-Chamkaur Sahib (WN), H.S. No. 181, Chamkaur Sahib-Morinda Road, Tehsil-Chamkaur Sahib, Distt. Rupnagar (Punjab)	PP/PS/Approach/42005/2	Approach	Rupnagar	NDRESE-PCA OF CAR/19/1000-PCA	15.11.2020	20/21	0.1495	10	4	0	10	4	0	0.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.140	Sirhind Canal RD 51-55 U/Side (CHL) Rangol.
2	Division of 0.0180 Hec. of forest land in favour of M/S Indian Oil Corporation Ltd. for approach road to setting up a new retail outlet at Village-Sarhana, Tehsil-Morinda on Morinda Chamkaur Sahib road between Km-3-4 R/S under Rupnagar Forest Division (Punjab)	PP/PS/Approach/47185/2	Approach	Rupnagar	NDRESE-PCA OF CAR/19/1000-PCA	17.11.2020	20/21	0.0180	7	7	0	7	7	0	0.10	0	0.028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.180	Sirhind Canal RD 27-28 U/Side (CHL) Rangol.
3	Division of 0.4670 Ha. of forest land for development of the canal embankment, promenade, gabions, drinking water facilities and green area in Chamkaur Sahib under Forest Division and Distt. Rupnagar, (Punjab).	PP/PS/Other/10000/2020	OTHERS	Rupnagar	D-PSB-100/2021/CHA	16.06.2021	21/22	0.467	78	40	-	78	40	-	1.166	0	0.208	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.240	Sirhind Canal RD 20-25 U/Side CA Area = 1.166 Ha., Addl CA Area = 0.208
4	Division of 1.08 ha afforest land in favour of Punjab PWD S&M for construction of both side approaches and service roads of road under bridge (RUB) on level crossing No. 24-B in Morinda Town near Bus stand under Forest Division and Distt. Rupnagar, Punjab.	PP/PS/ROAD/48718/2020	ROAD	Rupnagar	D-PSB-100/2021/CHA	16.06.2021	21/22	1.08	95	-	-	95	-	-	3.060	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.060	Sirhind Canal RD 20-25 U/Side CA Area 3.060 Ha.	
5	Division of 0.07685 Ha. of forest land in favour of PWD S&M for construction of total 4 Nos. HL Bridge (ing Different chas, 2 Nos. 6 Bridges on Skew Bridge Head Works to Ladh Majra -Daburi) Via Danno Majra link road & 1 No. HL Bridge over Patilian Chas (ing Ladhimajra Gate to Dabouri) Via Patilian Main Chas Ooran Un Road under Rupnagar Forest Division, Rupnagar	PP/PS/ROAD/20520/2021	ROAD	Rupnagar	D-PSB-100/2021/CHA	21.06.2021	21/22	0.07685	124	82	22	-	-	-	1.870	0	0.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.420	Dargah Sahib Forest CA Area = 2.870 Ha., Addl CA = 0.480	

Forest Division-Sangrur

Progress Report Regarding Compensatory Afforestation

Sr. No.	Name of the Project	Division	Approval date	Stipulations (C.A.)				Name of CA site	Name of Rage
				C.A. On Forest Land	Penal C.A	Addl. C.A	Total C.A.		
1	Diversion of 0.01397 hec of forest land for the approach access road to the proposal MS/ HSD retail outlet dealship Hindustan Petroleum Corporation Limited at location between Km stone 41 and 43 on SH 11, Malerkotla WML, LHS from Malerkotla to Ludhiana tehsil Malerkotla, distt Sangrur FP/PB/approach./43943/2020	Sangrur	30.08.2020	0.100	0.000	0.0000	0.100	Bhadour minor Rd 0-12 B/S	Barnala
2	diversion of 0.006817 ha of forest land in favour of M/S VRC Mall Approach road To M/S SR Resort Situated on Sherpur to Dhuri road km 15-16 R/S under forest division Sangrur	Sangrur	1.9.2020	0.100	0.000	0.0000	0.100	KBC RD 86-87 R/s	Malerkotla
3	diversion of 0.001419 ha of forest land for permission of Construction of approach to M/S Swan Birds Hotel O Sangrur Dhuri road (ldh-Hissar road 65-66 L/S) Sangrur, Under forest division Sangrur	Sangrur	1.9.2020	0.100	0.000	0.0000	0.100	Nabha Malerkotla Road KM 24.32 RS	Malerkotla
4	diversion of 0.00984 ha of forest land for Construction of approach to Dream Farm situated at vill Chajjla At Sunam Jakhal Road Km 14-15 I/S , Under forest division Sangrur	Sangrur	1.9.2020	0.100	0.099	0.0000	0.199	KBC RD 86-87 R/s	Malerkotla
5	diversion of 0.0200 ha of forest land for Construction of approach road for proposed retail outlet at Vill Amla Singh Wala Khasra No 46//20,46//19 7 Barnala under forest division Sangrur	Sangrur	18.9.2020	0.100	0.000	0.084	0.184	GBC RD 88-94 LS	Sangrur
6	diversion of 0.01672 ha of forest land for Construction of approach road for proposed retail outletindian oil corporation Limited at Khasra no vill kakara, near KM stone 2 kakra Bhawanigarh road, barnala under forest division Sangrur	Sangrur	13.10.2020	0.100	0.000	0.012	0.112	GBC RD 88-94 LS	Sangrur
7	Diversion of 0.0212 hec of forest land for consuction of approach road for proposed, retail outlet of M/s Hindustan Petroleum Corporation Limited, at on Bathinda to sangrur road, km 187.338 r/s village Hiandya tehsil & Distt Barnala. Punjab. Under forest division sangrur punjab . FP/PB/approach/44474/2020	Sangrur	13.10.2020	0.100	0.000	0.016	0.116	GBC RD 88-94 LS	Sangrur
8	Diversion of 0.01957 ha. Of forest land for construction of approach access to the proposed retail outlet of hindustan petroleum corporation limited situated at sangrur (WML), on sangrur-birba road, at KM RD 180.730 LHS tehsil & dstt sangrur (PB) under forest division sangrur (FP/PB/approach/46799/2020)	Sangrur	22./01/2021	0.100	0.000	0.0000	0.100	GBC RD 21-25 R/S	Sangrur

9	Diversion of 0.14 hec of forest land for constuction of 11 Kv Ludhiana hissar raod km 60 L/s to Markfed feeder distt Sangrur. Punjab Popposal no. (197/2002/	Sangrur	26/02/2021	0.350	0.500	0.0000	0.850	G.B.C RD 207-208 L/S	lehragaga
10	Diversion of 0.12 hec of forest land for constuction of 11 Kv Dhuri-Bhalwan road city feeder-2, Tr. Line forest division and distt Sangrur. Punjab (FP/PB/Trans/210/2002)	Sangrur	26/02/2021	0.300	0.500	0.0000	0.800	G.B.C RD 206-207 L/S	lehragaga
11	Diversion of 0.08829 ha. Of forest land for construction of approach access to the proposed retail outlet of of Bharat petroleum corporation limited situated at Bushera on SH 10 on Moonak Patran road Tehsil Moonak distt sangrur (PB) under forest division sangrur (FP/PB/approach/47275/2020)	Sangrur	09.03.2021	0.100	0.000	0.012	0.112	BML 474-481 L/s	Lehragaga
12	Diversion of 0.0229 ha. Of forest land for construction of approach access to the proposed retail outlet of of Bharat petroleum corporation limited situated at Village Dhanaula Tehsil & Distt .barnala on bathinda-Barnala-Sangrur-Patiala road km 198-199 r/s under forest division sangrur (FP/PB/Approach/49685/2020	Sangrur	12/3/2021	0.100	0.000	0.0000	0.100	MINOR NO. 5 OF HANDIAYA DISTY RD 0 TO TAIL	malerkotla
13	Diversion of 0.0152 hec of forest land for construction of approach road for propesd retail outlet of M/s Indian Oil Corporation limited at (Khasra No. 197//12 (4-12) ON Dhanaula to bhikhi road, KM 13 to 14 R/s, village Kot Duna, Tehsil & Distt Barnala punjab. under forest division Sangrur FP/PB/Approach/47322/2020	Sangrur	24.03.2021	0.100	0.000	0.0000	0.100	BBC RD 272-280 R/S	Barnala
14	Diversion of 0.01104 hec forest land for construction of approach access to proposed retail outlet of Indian oil coroporation limited situateed at village sanghera c, tehsil & dist barnala wml, distt barnala. Under fores division sangrur. FP/PB/APPROACH/47856/2020	Sangrur	15.03.2021	0.100	0.000	0.0000	0.100	BARNALA BAJA KHANA ROAD KM 19-21 R/S	Barnala
15	Diversion of 0.02003 hec for forest land for the approach access road to the proposed MS/HSD retail outlet dealership Bharat Petroleum Corporation limiteded at location within 2 km from fun square Sangrur towards Dhuri, village Akoi on Sangrur-Dhuri road on Sh-11, tehsil & Distt Sangrur, punjab, (FP/PB/approach/42377/20190	Sangrur	22.03.2021	0.100	0.040	0.004	0.144	GBC MILE NO. 21-25 R/S	Sangrur
16	Diversion of 0.0093 hec for forest land for construction of approach road for proposed kissan sewa kendra at village lehal kalan , khasra no. 56//13,56//14,56//15 on lehra-moonak road, near KM stone no.5 (LHS) tehsil lehragaga distt Sangrur. FP/PB/approach/46154/2020	Sangrur	19.05.2021	0.100	0.000	0.0000	0.100	GBC MILE NO. 21-25 R/S	Sangrur

17	Diversion of 0.081513 hec of forest land in favour of Bharat Petroleum Corporation Ltd for approach road to proposed retail outlet of BPCL at village mehal kalan, CH. Km 40.507 R/s, sh-13 on Raikot-Barnala road, under forest division and distt Barnala, Punjab, (online proposed no. FP/PB/approach/57792/2021)	Sangrur	20.05.2021	0.210	0.000	0.0000	0.210	SIRSHIND CHOW RD 265 TO 347 TTK L/S	Sangrur
18	Diversion of 2.315 hec of forest land in favour of Executive Engineer, Central Works Division, PWD B&R, Sangrur for upgradation and widening of Patiala-Sangrur Barnala road (1.49 hec for km 107.000 to 110.400 B/s) and 0.825 ha from km 114/250 to 115/900 b/s under forest land division and distt Sangrur Punjab, (proposed FP/PB/road/45749/2020)	Sangrur	25.05.2021	5.230	0.000	1.736	6.966	NIDAMPUR RAJWAHA RD SAMURA ROAD TO (H.B) B/SIDE	Sangrur
19	diversion of 0.0150 ha of forest land for Construction of approach road for proposed retail outlet Sant Harchand Singh Longowal Marg Thikriwala Chowk to Raikot road on Sanghera bypass Barnala under forest division and distt Sangrur, Punjab FP/PB/road/47433/2020	Sangrur	04.06.2021	0.100	0.000	0.0000	0.100	GBC MILE NO. 21-25 R/S	Sangrur
20	diversion of 0.1905 ha of forest land for Construction of approach of KRBL LIMITED, FOR LAYING OF WATER PIPE LINE from Barnala / Rajwaha canal to KRBL limited, KM RD Dhuri under forest division and distt Sangrur Punjab FP/PB/road/50574/2020	Sangrur	07.06.2021	0.380	0.000	0.0000	0.380	SIRDHIND CHOW RD 265 TO 347 TAK L/S	Sangrur
21	diversion of 0.83 ha of forest land for Construction of approach sub-divisional engineer, provincial sub-division PWD B&R Sangrur for upgradation, widening and strengthening the Sangrur bypass road on b/s from RD im. 0-- to 4.08 under forest division and distt Sangrur Punjab FP/PB/road/44701/2020 OF KRBL LIMITED, FOR LAYING OF WATER PIPE LINE from Barnala / Rajwaha canal to KRBL limited, KM RD Dhuri under forest division and distt Sangrur Punjab FP/PB/road/50574/2020	Sangrur	21.06.2021	1.660	0.000	0.0000	1.660	GBC RD 125-130 R/S	Sangrur
22	Diversion of 1.457 hec of forest area in favour of Executive Engineer, Construction Division PWD B&R branch Barnala Sangrur for the upgradation, widening and strengthening the road of Pakhoke Bhadaur Bajakhana road on MDR-43 from Km. RD 11.790 to 29.290 B/s Tehsil Tapa, Distt Barnala under forest division Sangrur Punjab (Proposal no. FP/PB/Road/40284/2019) regarding	Sangrur	24.06.2021	3.650	0.000	0.408	4.058	Gumti Drain 0-Hadd L/s	Barnala

23	Diversion of 1.10 hec of forest land in favour of sub divisional Engineer, provincial division, PWD B&R, Sangrur for the upgradation, widening and strengthening the road on both side, along balian drain from km. 0.00 to 2.75 (Drain RD 18600-27633), under forest division and distt sangrur, punjab (Proposal no. FP/PB/road/44700./2020)	Sangrur	25.06.2021	2.200	0.000	0.0000	2.200	Patran road to Gujran road B/s side	Sangrur
24	Diversion of 0.0071 hec of forest land for approach road to retail outlet of Indian Oil Corporation Ltd. At Village Andana, on Khannauri-Andana road tehsil Moonak & Distt Sangrur, Punjab FP/PB/approach/4256/2020	Sangrur	01.07.2021	0.100	0.000	0.0000	0.100	Sirhind chow RD 265 to 347 L/s	Sangrur
25	Diversion of 0.09312 hec of forest land in favour of M/s Wedding Villa for approach access road to private property of M/s Wedding Villaga at Village Sanghera-A on barnala-raikot road (L.H.S) tehsil & Distt Barnala under forest division Sangrur (Online proposal no. FP/PB/approach/51265/2020)	Sangrur	20.07.2021	0.233	0.000	0.000	0.233	SIRSHIND CHOW RD 265 TO 347 TTK L/S	Sangrur
26	Diversion of 0.0856 hec of forest land permission for construction of approach access retail outlet of Hindustan Petroleum Corporation Ltd at village Harigarh tehsil & distt. Barnala under forest division, sangrur FP/PB/approach/127340/021	Sangrur	22.07.2021	0.214	0.000	0.0000	0.214	Ludhiana-Jakhal Railway Line 95-105 L/s	Lehragaga
27	Diversion of 0.0031 hec forest land for construction of approach road for proposed retail outlet at village changal, khasra no. 1066/644, on changal mastuanan sahib road, tehsil & Distt Sangrur, punjab, (FP/PB/approach/42805/2019)	Sangrur	30.07.2021	0.100	0.000	0.0000	0.100	GBC RD 21-25 R/S	Malerkotla
28	Diversion of 0.961 hec for forest land for the up gradation, widening and strengthening the road of Pakho kalan railway Phatak, Tapa on ODR BNL -09 KM 0.00 to 9.610 both side . Tehsil Tapa distt barnala under forest division sangrur. FP/PB/road/40318/2019	Sangrur	16.08.2021	2.400	0.000	0.148	2.548	Gumti Drain 0-Hadd L/s	Barnala
29	Diversion of 0.05832 hec for forest land permission for three approach roads for entry exit to solar power plant in favour of m/s vijay printing press pvvt ltd at village. Bhattiwal kalan and Bhattiwal khurd along ghagar branch canal rd 76.500-76600 l/s 82.400-82.670 L/s and 86.600-86.700 OL/s under forest division , sangrur, FP/PB/approach/35334/2018	Sangrur	01.09.2021	0.146	0.000	0.0000	0.146	GBC RD 125-130 R/S	sangrur
30	Diversion of 0.02537 hec forest land for construction of approach access to the proposal retail outlet of Bharat Petroleum Corporation limited situated at Village Jhaneri, on SH-12A, Sunam, Bhawanigarh road tehsil bhawangarh distt, sangrur under forest division sangrur, (FP/PB/approach/50814/2020)	Sangrur	17.9.2021	0.100	0.000	0.008	0.108	SIRDHIND CHOW RD 265 TO 347 TAK L/S	Sangrur

31	Diversion of 0.0133 hec of forest land for access to retail outlet of M/s BPCL a Village Handiaya chowk on Barnala-Handiaya city road (Handiaya chowk to Kaccherri chowk) at KM 142.375 (RHS) on Bypass portion for Old NH-703 (New ODR) under distt. Barnala & forest divison sangrur. FP/PB/approach/76466/2020	Sangrur	21.09.2021	0.100	0.000	0.0000	0.100	SIRDHIND CHOW RD 265 TO 347 TAK L/S	Sangrur
32	Diversion of 0.1836 hec of forest land in favour of PSPCL for construction of 66 KV T-off line for New 66 KV G/S/S Ladbanzara Kalan SC/DC tower line under forest divison and distt Sangrur, punjab. Proposal no. FP/PB/Trans/4442/2013	Sangrur	21.09.2021	0.459	0.000	0.596	1.055	Pandher Distty RD 24-26 B/s Distt	Barnala
33	Diversion of 15.46441 hec of forest land in favcour or faril vikas nigam ltd, from 63.00 km to 130.300 km for doubling of railway track of rajpura-bathinda seciton of northern railway track of rajpura-bathinda section of northern railway under forest divison and distt sangrur , punjab proposal FP/PB/rail/49675/2020	Sangrur	01.04.2021	30.930	0.000	0.00	30.930	joga disty, RD 0-tail R/s, Minor no.5 of handiaya disty b/s ; dhurkot minor RD 0 to tail b/s, lehragaga main 0 to 25 r/s , lissra drain RD 181 to 224 L/s, and lehragaga link drain,	Barnala, Lehragaga, Malerkotla
34	Diversion of 0.0024 hec of forest land for construction of approach access to M/s Master Resorts (Marriage Palace) situated at village Kup Kalan on Ludhiana-Makerkotla-Sangrur road, Sh-11, km 35.000 R/s, tehsil Malerkotla distt Sangrur. (FP/PB/approach/34944/2018	Sangrur	20.08.2021	0.100	0.024	00.00	0.124	KBC RD 86-87 R/s	Malerkotla
35	Diversion of 0.00385 hec for forest land for construction of approach access to the proposal MS/HSD B site Kisan Seva Kendra Dealership Retail outlet of Indian Oil corpration limited situated at village banarsi, on Mandvi - Khanauri road, tehsil Moonak distt. Sangrur (PB) under forest divison sangrur, FP/PB/approach/47339/2020	Sangrur	29.09.2021	0.100	0.008	0.0000	0.108	GBC MILE NO.88-94 L/S	Sangrur
Total			Total	50.462	1.171	3.024	54.657		
			G. Total				54.657	G. Total	

Amritsar

S.No.	Name of Range	Name of Forest/ Strip	Category of Forest (PF/RF)	2022-23 Detail of sites				2023-24 Details of site			
				Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Model of Proposed Plantation	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		Remarks
						Latitude	Longitude		Latitude	Longitude	
1	ASR II	RSA CNO 3	RF	5	Degraded	31°32'16.10"N 31°32'6.55"N 31°32'6.73"N 31°32'9.61"N 31°32'16.84"N	74°42'5.69"E 74°42'5.98"E 74°42'11.82"E 74°42'14.69"E 74°42'14.90"E				
2	ASR II	Majitha Distrybeutry Hadd Gurdaspur to Dhingnangal B/S	PF	5	Degraded	31°46'22.10"N 31°46'21.87"N 31°48'19.08"N 31°48'19.20"N	74°59'52.01"E 74°59'52.56"E 75° 3'13.93"E 75° 3'13.71"E				
3	ASR II	LBC Bhoma to Bhangwan R/s	PF	5	Degraded	31°47'57.78"N 31°47'45.95"N	74°58'42.51"E 74°57'56.68"E				
6	ASR II	Rakh Bhoru Cno 3	RF	8	Degraded	31°31'31.03"N 31°31'33.86"N 31°31'13.31"N 31°31'19.22"N 31°31'20.36"N 31°31'12.81"N	74°49'38.58"E 74°49'31.72"E 74°49'22.39"E 74°49'35.54"E 74°49'33.70"E 74°49'28.53"E				
7	ASR II	Amritsar Pathankot Rly Line Ajaibwali to Jaintipur B/s	PF	20	Degraded	31°46'39.04"N 31°44'28.62"N 31°43'36.40"N 31°45'9.46"N	75° 6'40.40"E 75° 2'25.46"E 75° 0'42.41"E 75° 3'50.46"E				

S.No.	Name of Range	Name of Forest/ Strip	Category of Forest (PF/RF)	2022-23 Detail of sites			2023-24 Details of site			Remarks	
				Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Model of Proposed Plantation	Geo Coordinates of site (As per DGPS map of the site)	Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)			
						Latitude	Longitude		Latitude	Longitude	
8	Ajnala	Dhusi Bandh RD 28-155 b/s	PF	5	Degraded	31°54'33.87"N 31°54'21.78"N	74°46'36.34"E, 74°44'29.98"E				
10	Ajnala	Kuraliya Bandh	PF	4	Degraded	31°55'12.01"N 31°54'52.65"N	74°52'6.78"E 74°51'13.58"E				
11	Ajnala	Niserka Miner	PF	5	Degraded	31°45'42.07"N 31°45'14.32"N	74°54'32.64"E 74°52'51.32"E				
12	Ajnala	Punjagrain spur,	PF	4	Degraded	31°59'41.61"N 32° 0'23.07"N	74°51'31.56"E 74°51'6.22"E				
13	Rayya-2	Ditch No 4 RD 0 to 18 B/S	PF	4	Degraded	31°41'30.14"N 31°39'36.61"N	75°10'56.89"E 75°8'44.12"E				
14	Rayya-2	Babowal Distributry RD 25 to 55 B/S	PF	5	Degraded	31°47'7.24"N 31°43'16.26"N	75°11'4.65"E 75°8'26.32"E				
15	Rayya-2	Mattewal Drain RD Jamka to Tail B/S	PF	5	Degraded	31°40'59.21"N 31°41'23.75"N	75°6'7.01"E 75°3'26.16"E				
16	Rayya-2	KBL RD 98 to 155 B/S	PF	5	Degraded	31°39'50.19"N 31°38'49.36"N	75°8'55.59"E 75°7'34.99"E				
17	Rayya-2	Tangra Distributry RD 46 to 104 B/S	PF	5	Degraded	31°36'51.70"N 31°35'16.47"N	75°7'49.98"E 75°7'1.17"E				
18	Rayya-2	Dhardo Distributry RD 14 to 58 B/S	PF	5	Degraded	31°37'4.01"N 31°35'31.20"N	75°13'51.64"E 75°12'9.23"E				

S.No.	Name of Range	Name of Forest/ Strip	Category of Forest (PF/RF)	2022-23 Detail of sites				2023-24 Details of site		
				Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Model of Proposed Plantation	Geo Coordinates of site (As per DGPS map of the site)	Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)	Remarks	
										Latitude
20	Rayya-2	Beas to Butari Railway Line B/S	PF	15	Degraded	31°31'23.03"N 31°32'39.51"N	75°17'6.88"E 75°13'51.26"E			
21	Rayya-1	KBL Canal RD 150 to 215	PF	4	Degraded	31°32'41.64"N	75° 2'30.19"E			
22	Rayya-1	Khawaspur Distributri Distributri 0 to 31	PF	3	Degraded	31°26'47.18"N	75° 8'39.08"E			
23	Rayya-1	Bhinder Distributri RD 0 to 81	PF	3	Degraded	31°32'46.61"N	75°11'7.45"E			
24	Rayya-1	KBL Canal RD 150 to 215	PF	5	Degraded	31°31'22.63"N	75° 1'31.44"E			
25	Rayya-1	Patti Distributri RD 0 to 31	PF	3	Degraded	31°24'30.67"N	75° 5'54.60"E			
26	Rayya-1	Bishamberpur Distributri RD 0 to 26	PF	5	Degraded	31°34'57.54"N	75° 4'27.10"E			
27	Rayya-1	Kang minor RD 0 to tail	PF	4	Degraded	31°29'12.05"N	75°12'7.48"E			
28	Tarn Taran	Bath Minor RD 0 to Tale B/s	PF	5	Degraded	31°31'21.11"N 31°26'6.73"N	74°54'35.55"E 74°52'1.53"E			
29	Tarn Taran	MBL RD 159.5 to 187.5 B/s	PF	8	Degraded	31°31'19.65"N 31°30'14.58"N	74°45'41.73"E 74°44'15.76"E			
30	Tarn Taran	MBL RD 159.5 to 187.5 B/s	PF	8	Degraded	31°29'20.29"N 31°28'13.91"N	74°43'10.67"E 74°41'49.31"E			
31	ASR-1	Chhina Minor 0-Tail B/s	PF	5	Degraded	31°48'50.80"N 31°49'26.26"N	74°44'14.82"E 74°42'40.47"E			
32	ASR-1	Wazidke Minor 0-Tail B/s	PF	4	Degraded	31°52'9.96"N 31°49'41.18"N	74°40'34.60"E 74°40'41.26"E			
33	ASR-1	LBC RD 182-188 L/s	PF	4	Degraded	31°37'44.02"N 31°37'7.34"N	74°36'37.95"E 74°35'29.12"E			

S.No.	Name of Range	Name of Forest/ Strip	Category of Forest (PF/RF)	2022-23 Detail of sites				2023-24 Details of site			
				Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Model of Proposed Plantation	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		Remarks
						Latitude	Longitude		Latitude	Longitude	
34	ASR-1	Chogawan Rajbha 0 to Attari Road B/s	PF	5	Degraded	31°42'42.03"N 31°40'55.24"N	74°36'37.95"E 74°39'16.73"E				
35	ASR-1	Manj Minor 0 to Tail B/s	PF	5	Degraded	31°42'3.98"N 31°43'56.21"N	74°36'25.96"E 74°34'21.71"E				
36	ASR-1	Pul Distributary Bhagwan to Bachiwind Pul B/s	PF	5	Degraded	31°41'43.25"N 31°39'57.99"N	74°35'44.59"E 74°34'57.15"E				
37	ASR-1	Kohali Rajbha 0 to Madoke Road B/s	PF	5	Degraded	31°43'32.99"N 31°41'13.66"N	74°42'27.24"E 74°40'48.54"E				
38	ASR-1	Railway line Verka to Sohia Khurd B/s	PF	10	Degraded	31°40'13.12"N 31°41'47.85"N	74°56'7.56"E 74°57'33.12"E				
39	ASR-1	Ajnala Distributary Umarpura Pul to Tail B/s	PF	10	Degraded	31°48'28.79"N 31°47'21.92"N	74°44'3.62"E 74°39'55.90"E				
40	Patti	Gilpan Minor RD 22-Tail	PF	10	Degraded	31°24'2.94"N 31°23'33.45"N 31°21'54.29"N	74°38'50.27"E 74°38'14.68"E 74°34'25.15"E				
41	Patti	Kairo Drian RD Harike Khalra Road to Tail B/s	PF	5	Degraded	31°17'17.07"N 31°16'52.81"N	74°46'18.16"E 74°41'44.31"E				
42	Patti	khem Karan Defence Drian Rd 56-113 L/s	PF	8	Degraded	31°10'15.19"N 31°14'15.03"N	74°32'4.27"E 74°32'54.06"E				
43	Patti	Kotli Drain RD Amritsar Khemkaran Road to vasti Vasawa Singh L/s	PF	5	Degraded	31°11'11.91"N 31°14'17.11"N	74°35'36.44"E 74°32'54.62"E				
44	Patti	Kotli Drain RD Thathi jaimal Singh to Amritsar Khemkaran Road L/s	PF	8	Degraded	31°11'11.60"N 31°10'6.97"N	74°35'37.29"E 74°38'35.28"E				

S.No.	Name of Range	Name of Forest/ Strip	Category of Forest (PF/RF)	2022-23 Detail of sites				2023-24 Details of site			Remarks
				Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Model of Proposed Plantation	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		
						Latitude	Longitude		Latitude	Longitude	
45	Patti	Malahwala Forest	PF	5	Degraded	31° 8'31.91"N 31° 8'39.56"N	74°49'36.13"E 74°49'50.94"E				
46	Patti	Sarhali Distybutary Rd 0 to Harike Tarn Taran Road B/s	PF	10	Degraded	31°18'45.48"N 31°17'9.01"N	75° 0'57.10"E 74°56'48.52"E				
				239							
47	ASR II	Rakh Bhoru Cno 2	RF		Degraded			5	31°31'54.20"N 31°31'56.58"N 31°32'5.88"N 31°32'3.23"N	74°49'36.33"E 74°49'30.55"E 74°49'34.10"E 74°49'40.74"E	
48	ASR II	RSA Cno 4	RF		Degraded			5	31°32'7.35"N 31°32'7.18"N 31°32'1.48"N 31°32'1.50"N 31°31'59.43"N 31°31'58.96"N	74°42'14.80"E 74°42'24.87"E 74°42'12.93"E 74°42'17.49"E 74°42'17.67"E 74°42'24.40"E	
49	ASR II	ASR-DBN Rly Line Mudhal to Majitha LS	PF		Degraded			10	31°41'30.22"N 31°45'26.88"N	74°56'36.67"E 74°56'55.39"E	
50	ASR II	ASR-DBN Rly Line Majitha to Kotla Gujran LS	PF		Degraded			10	31°48'41.71"N 31°45'43.93"N	74°56'34.07"E 74°56'56.61"E	
51	ASR II	Ludhar Minor 0-Tail BS	PF		Degraded			5	31°45'29.23"N 31°45'28.92"N 31°43'1.79"N 31°43'1.72"N	75° 3'8.97"E 75° 3'8.98"E 74°58'12.21"E 74°58'12.40"E	

S.No.	Name of Range	Name of Forest/ Strip	Category of Forest (PF/RF)	2022-23 Detail of sites			2023-24 Details of site			Remarks	
				Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Model of Proposed Plantation	Geo Coordinates of site (As per DGPS map of the site)	Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)			
									Latitude		Longitude
52	ASR II	Aliwal Distrybeutry 0-Tail BS	PF		Degraded			5	31°45'16.80"N 31°45'16.66"N 31°42'16.54"N 31°42'16.40"N	75° 6'9.49"E 75° 6'9.58"E 75° 1'44.20"E 75° 1'44.49"E	
53	ASR II	Khasa Bhakna Road Khasa Pul to Cheecha B/s	PF		Degraded			5	31°36'34.99"N 31°36'34.80"N 31°33'55.88"N 31°33'56.14"N	74°43'33.78"E 74°43'34.14"E 74°42'14.13"E 74°42'13.97"E	
54	ASR II	Kasoor Drain Darike Pul to Dhadde Pul RS	PF		Degraded			5	31°42'24.56"N 31°42'45.49"N	75° 4'3.04"E 75° 5'34.20"E	
55	ASR II	Kotla Distrybeutry RD 17-60 BS	PF		Degraded			5	31°47'26.12"N 31°43'55.12"N	75° 4'51.57"E 75° 1'58.38"E	
56	Ajnala	Pandori Band	PF		Degraded			5	31°54'33.87"N 31°54'21.78"N	74°52'23.79"E 74°50'52.55"E	
57	Ajnala	Singhoke Spur,	PF		Degraded			5	32° 0'14.24"N 32° 0'37.08"N	74°52'23.67"E 74°51'32.82"E	
58	Ajnala	Thoba to Diyal Bharang Road(Thoba to Gore Nangal)	PF		Degraded			7	31°52'33.17"N 31°56'12.17"N	74°52'51.74"E 74°51'5.35"E	
59	Ajnala	wadala Veeram Drain(Gurdaspur pul to Sakhi pul)	PF		Degraded			5	31°50'55.67"N 31°50'52.55"N	74°45'56.10"E 74°45'56.10"E	
60	Rayya-2	Beas to Butari Railway Line B/S	PF		Degraded			20	31°33'28.39"N 31°32'39.33"N	75°10'40.19"E 75°13'47.21"E	
61	Rayya-2	Kasoor Drain Manga Sarai to Railwayline B/S	PF		Degraded			5	31°37'23.39"N 31°36'38.50"N	74°59'19.74"E 74°58'37.88"E	

S.No.	Name of Range	Name of Forest/ Strip	Category of Forest (PF/RF)	2022-23 Detail of sites			2023-24 Details of site			Remarks	
				Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Model of Proposed Plantation	Geo Coordinates of site (As per DGPS map of the site)	Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)			
									Latitude		Longitude
62	Rayya-2	Mattewal Drain RD Jamka to Tail B/S	PF		Degraded			5	31°41'30.34"N 31°40'59.15"N	75°8'31.79"E 75°6'7.44"E	
63	Rayya-2	KBL RD 98 to 155 B/S	PF		Degraded			5	31°38'17.56"N 31°36'47.32"N	75°6'48.81"E 75°5'29.27"E	
64	Tarn Taran	MBL RD 159.5 to 187.5 B/s	PF		Degraded			5	31°29'14.73"N 31°28'12.92"N	74°43'7.08"E 74°41'52.59"E	
65	Tarn Taran	New Rasulpur Distry RD 0 to Jawanda Lohka pul B/s	PF		Degraded			5	31°22'12.40"N 31°20'34.23"N	74°53'22.57"E 74°53'1.65"E	
66	Tarn Taran	Patti Drain RD Rashiana pul to Lohka pul B/s	PF		Degraded			5	31°23'10.73"N 31°20'35.42"N	74°57'7.50"E 74°53'52.68"E	
67	Tarn Taran	Patti Drain RD Rashiana pul to Lohka pul B/s	PF		Degraded			10	31°25'51.40"N 31°23'47.86"N	75° 0'2.73"E 74°58'56.07"E	
68	ASR-1	Ramdas distrybutary rd Bhindi Aulakh pull to Tail b/s	PF		Degraded			5	31°49'12.65"N 74°36'47.32"E	31°46'14.04"N 74°34'40.48"E	
69	ASR-1	Railway line Jahangir to Ajaibwali B/s	PF		Degraded			10	31°41'48.17"E 31°43'35.53"E	74°57'33.86"E 74°01'42.10"E	
70	ASR-1	Railway line Jaura phatak to GTR byepass B/s	PF		Degraded			5	31°38'17.19"E 31°54'32.41"E	74°54'31.41"E 74°55'18.47"E	
71	ASR-1	Chheherta distrybutary rd Ajnala road to Airport wall b/s	PF		Degraded			5	31°41'48.17"N 74°57'33.86"E	31°43'35.76"N 75° 0'42.26"E	
72	ASR-1	Handiara drain rd Kolowal pull to Attari road b/s	PF		Degraded			5	31°37'49.16"N 74°41'2.33"E	31°36'59.93"N 74°41'6.38"E	

S.No.	Name of Range	Name of Forest/ Strip	Category of Forest (PF/RF)	2022-23 Detail of sites			2023-24 Details of site			Remarks
				Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Model of Proposed Plantation	Geo Coordinates of site (As per DGPS map of the site)	Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		
									Latitude	
73	ASR-1	Rai minour rd 0-tail b/s	PF		Degraded		5	31°41'44.43"N 31°41'12.43"N	74°35'44.28"E 74°32'10.19"E	
74	Rayya-1	Railway line 467 to 503	PF		Degraded		20	31°33'30.47"N	75°10'31.67"E	
75	Rayya-1	Railway line 467 to 503	PF		Degraded		20	31°35'4.00"N	75° 4'31.39"E	
76	Patti	Daliri Minor Rd 0 to Tail B/S	PF		Degraded		5	31°22'7.59"N 31°19'47.44"N	74°36'27.94"E 74°34'3.23"E	
77	Patti	Defence Drain Village Dal to Rajoke L/S	PF		Degraded		5	31°21'27.57"N 31°17'10.20"N	74°33'43.01"E 74°33'0.52"E	
78	Patti	Kalsian Minor RD 0 to Tail R/S	PF		Degraded		5	31°17'43.08"N 31°16'22.53"N	74°45'43.71"E 74°42'33.61"E	
79	Patti	Khemkaran Distributary RD 45-80 B/S	PF		Degraded		5	31°12'28.84"N 31° 9'57.44"N	74°39'18.74"E 74°35'36.97"E	
80	Patti	Kotli Minor RD 0 to Tail B/S	PF		Degraded		5	31°12'14.87"N 31°10'7.79"N	74°39'13.70"E 74°38'36.34"E	
84	Patti	Rasulpur Distributary RD Lauhka Pul to Bahmaniwala Pul B/S	PF		Degraded		10	31°20'33.49"N 31°17'50.51"N	74°53'1.56"E 74°50'47.24"E	
85	Patti	Rasulpur Distributary RD Thatha Pul to Tail B/S	PF		Degraded		5	31°11'46.16"N 31°14'42.50"N	74°41'49.27"E 74°44'27.03"E	
86	Patti	Valtoha Rojoke Road KM Valtoha to Amarkot Adda B/S	PF		Degraded		5	31°12'7.70"N 31°13'24.86"N	74°38'30.41"E 74°36'59.27"E	
					Degraded		Total	235		

Bathinda

2022-23 Details of sites							2023-24 Details of Sites			
S.No	Name of Range	Name of Forest/Strip	Proposed area for plantation under NPV	Model of Proposed Plantation (ha.)	Geo Coordinates of site (As per DGSP)		Proposed area for plantation under NPV 2023-24	Geo Coordinates of site (As per DGSP)		Remarks
					Lattitue/ Longitude (START)	Lattitue /Longitude (END)		Lattitue/ Longitude (START)	Lattitue /Longitude (END)	
1	Talwandi	Chathewala Minor RD 0-12 B/S	1	Degraded	30°2'23.09"N	30°3'30.38"N				
2	Talwandi	Kalluana Minor RD 0-11.5 L/S & Kalalwala Brick Klin	3.5	Degraded	29°49'41.08"N	29°49'47.98"N				
				Degraded	29°49'39.702"N	75°8'4.061"E				
3	Talwandi	Bhundar Minor RD 0-15 B/S	2	Degraded	30°03'27.37"N	30°04'13.90"N				
4	Talwandi	KBC Rd 335-480 B/s	5	Degraded	30°0'33.61"N	29°58'29.49"N				
			8	Degraded	30° 1'45.07"N	30°1'49.99"N				
					30° 1'46.50"N ,	30°1'49.99"N				
			3	Degraded	30°2'58.168"N	30°2'55.07"N				
5	Talwandi	Giana Minor RD 0-15 & Rad Portion	6	Degraded	29°55'48.78"N	29°52'13.558"N				
					75° 4'11.50"E	74°59'37.517"E				
6	Talwandi	Pakka Disty RD 0-25 B/S & Rad Portion	3	Degraded	30° 1'50.23"N	30°2'11.993"N				
7	Talwandi	Keol Minor RD 0-11.5 B/S	2	Degraded	29°49'45.003"N	29°49'51.585"N				
8	Talwandi	Delhi-Ferozpur Railway Line KM 258.8-274 B/S	12	Degraded	30° 3'13.36"N	30° 4'27.26"N				
				Degraded	30°4'54.321"N	30°05'46.546"N				
				Degraded	30°5'11.554"N	30° 5'41.31"N 75°				
9	Talwandi	Jajjal Minor RD 0-12 B/S & Rad Portion	1	Degraded	29°57'42.79"N	29°58'30.92"N				
10	Bathinda	Lissara Drain Rd 247-356 B/s	12	Degraded	30°3'0.60"N	30°4'13.53"N				
					75°0'45.06"E	75°1'41.07"E				
11	Bathinda	BBC Rd 350-435 B/s	8	Degraded	30°17'48.59"N	30°17'16.15"N				
					74°4'22.52"E	74°2'31.81"E				
					30°12'34.46"N	30°11'49.26"N				
					74°53'56.69"E	74°52'58.59"E				
12	Bathinda	Bathinda-Malout Road KM 2-2.35 B/s	17	Degraded	30°4'11.91"N	30°13'5.58"N				
13	Bathinda	Behman Disty Rd 0-75 B/s	5	Degraded	30°15'3.78"N	30°11'55.15"N				
14	Rampura	Phul disty Rd 25-130 B/S	5	Degraded	30°19'15.07"N	30°17'54.89"N				
					75°19'4.16"E ,	75°16'59.11"E				

2022-23 Details of sites						2023-24 Details of Sites			Remarks	
S.No	Name of Range	Name of Forest/Strip	Proposed area for plantation under NPV	Model of Proposed Plantation (ha.)	Geo Coordinates of site (As per DGSP)		Proposed area for plantation under NPV 2023-24	Geo Coordinates of site (As per DGSP)		
					Lattitue/ Longitude (START)	Lattitue /Longitude (END)		Lattitue/ Longitude (START)		Lattitue /Longitude (END)
15	Rampura	Bir Dialpura	5	Degraded	30°29'10.86"N 75°12'27.15"E					
16	Rampura	Chand Bhan Drain RD 65-123 B/s	5	Degraded	30°28'59.51"N 75° 5'26.68"E	30°29'43.55"N 75° 8'27.09"E				
17	Rampura	Baghapurana-Bhagta-Nathana Road 18.5-37 B/s	3	Degraded	30°31'19.64"N 75°6'6.53"E	30°29'41.17"N 75°5'41.77"E				
18	Bir Talab	Raike Feeder Rd 41-50 L/s	5	Degraded	30° 13'43"N	30° 14'16.31"N				
19	Bir Talab	Raike Feeder Rd 46-49 R/s	2	Degraded	30° 13'35.82"N	30° 13'65.02"N				
20	Bir Talab	Jai Singh Minor 0-End B/s	5	Degraded	30°11'89.45"N	30°8'46.7304"N				
21	Bir Talab	BBC Rd 435-448 B/s	5	Degraded	30°11'30.043"N	30°11'13.329"N				
22	Bir Talab	Kot Guru Minor 0-End B/s	2	Degraded	30°07'37.51"N	30°12'16.11"N				
23	Bir Talab	Lissara Drain Rd 183-247 B/s	5	Degraded	30°01'83.53"N	29°99'84.72"N				
			5	Degraded	30°04'01.65"N	30°02'37.05"N				
24	Bir Talab	Doomwali Rd 0-80 + Radd Portion B/s	2	Degraded	29°96'96.04"N 74°74'48.62"E	30°00'452"N 74°71'94.95"E				
			137.5							
1	Talwandi	KBC Rd 335-480 B/s		Degraded			7	30° 1'50.92"N 74°58'9.88"E	30°1'50.916"N 75°58'9.876"E	
				Degraded			4	30°2'12.612"N	30° 2'17.13"N 75°	
								30°2'8.851"N	30° 2'14.71"N 75°	
				Degraded			3	30°0'33.61"N	30°1'55.000"N	
				Degraded			3	30°1'49.623"N	30°1'59.649"N	
2	Talwandi	Sandoha Branch RD 20-90 B/S		Degraded			2.5	30° 2'53.25"N	30° 2'40.04"N	
3	Talwandi	Member khera Disty RD 0-11.5 & Golewala brick Klin		Degraded			4	29° 55' 49.944"N 75°	29° 57' 47.635"N	
				Degraded				4	4' 11.3226"E	75° 7' 23.872"E
4	Talwandi	Mansa Disty RD 0-Tail B/S		Degraded			3	29°48'14.102"N	30°5'57.415"N	
				Degraded				3	29°49'28.977"N 75°9'7.110"E	
4	Talwandi	Mansa Disty RD 0-Tail B/S		Degraded			2.5	30°00'05.595"N	30°02'48.018"N	
5	Talwandi	Tarkhanwala-Sukhladhi Link Road KM 0-7 B/S		Degraded			1	29°59'58.718"N 74°54'49.737"E	29°58'13.915"N 74°54'27.597"E	

2022-23 Details of sites					2023-24 Details of Sites				Remarks	
S.No	Name of Range	Name of Forest/Strip	Proposed area for plantation under NPV	Model of Proposed Plantation (ha.)	Geo Coordinates of site (As per DGSP)		Proposed area for plantation under NPV 2023-24	Geo Coordinates of site (As per DGSP)		
					Lattitue/ Longitude (START)	Lattitue /Longitude (END)		Lattitue/ Longitude (START)		Lattitue /Longitude (END)
6	Talwandi	Talwandi-Raman Road KM 3.50 to 10.50 B/S		Degraded			3	29°57'22.620"N 74°58'37.863"E	29°58'38.067"N 75°03'44.079"E	
7	Talwandi	Mallwala Minor RD 0-Tail B/S		Degraded			2.5	30°03'32.251"N	30°02'08.542"N	
8	Talwandi	Shekhpura Brick Klin		Degraded			1.5	29°59'59.150"N	75°09'57.270"E	
9	Talwandi	Jodhpur-Jiwan Singhwala Link Road KM 0-14 B/S		Degraded			2	30°03'31.220"N 75°02'15.321"E	30°03'15.395"N 75°08'37.657"E	
10	Talwandi	Kotli Khurd Brick Klin		Degraded			2	29°59'41.37"N	75°15'16.25"E	
11	Bathinda	Lissara Drain Rd 247-356 B/s		Degraded			10	30°06'76"N 74°86'38"E	30°06'84"N 74°87'01"E	
12	Bathinda	BBC Rd 350-435 B/s		Degraded			20	30°18'08.73336"N 74°04'16.6356"E 30°23'25"N 74°93'04"E	30°17'38.148"N 74°63'17.1756"E 30°21'66"N 74°90'90"E	
13	Bathinda	Phul Disty RD 41 to 48 B/s		Degraded			5	30°05'14"N 74°01'17"E	30°07'30"N 74°04'37"E	
14	Rampura	Phul disty Rd 25-130 B/S		Degraded			3	30°12'45.40"N 75°10'24.53"E 30°7'36.95"N	30°15'48.44"N 75°13'36.65"E 30°9'44.47"N	
15	Rampura	Chand Bhan Drain RD 65-123 B/s		Degraded			3	30°30'45.79"N 75° 10'56.09"E	30°29'43.51"N 75° 8'27.75"E	
16	Rampura	Kahan Singh Wala Minor Rd 0-Tail B/s		Degraded			3	30°12'28.91"N	30°16'0.65"N	
17	Rampura	Mandi Disty RD 35-95 B/s		Degraded			5	30°9'30.86"N 75°	30°11'40.08"N	
							90			

Dasuya

				2022-23 Details of sites				2023-24 Details of sites			
Sr. no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		Remarks
						Longitude	Latitude		Longitude	Latitude	
1	Dasuya	Nai Chak Bhalesran	Forest Land	7	(Degraded)	31 48 45.11 N	75 34 14.33 E	-	-	-	-
3	Dasuya	Vadhaiya	Forest Land	5	(Degraded)	31 52 18.99 N	75 34 16.75 E	-	-	-	-
4	Dasuya	Kulla Fatta	Forest Land	-	-	-	-	7	31 43 30.76 N	75 32 32.97 E	-
			Total	12				7			
6	Mukerian	Shankar Distribury RD 0 to Tail Both Side		5	(Degraded)	32 01 05.69 N	75 41 39.37 E	-	-	-	-
7	Mukerian	Feeder No. 2 K.M 0 to Tail Both Side		10	(Degraded)	31 56 52.89 N	75 41 40.16 E	-	-	-	-
8	Mukerian	Mukerian Hydral Channel RD 14485 to 18900 Right Side		10	(Degraded)	31 57 47.29 N	75 44 09.12 E	-	-	-	-
9	Mukerian	Mukerian Hydral Channel RD 24000 to 27858 Right Side		15	(Degraded)	31 53 18.54 N	75 39 39.39 E	-	-	-	-
10	Mukerian	Mukerian Hydral Channel 26262 to 28950 Left Side		15	(Degraded)	31 53 32.69 N	75 40 03.47 E	-	-	-	-
11	Mukerian	Naushera Simbli Minor Both Side		4	(Degraded)	31 59 47.34 N	75 44 40.39 E	-	-	-	-
12	Mukerian	Mukerian Hydral Channel RD 21844 to 23133 B/S		-	-	-	-	10	31 55 32.38 N	75 41 33.07 E	

				2022-23 Details of sites				2023-24 Details of sites			
Sr. no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		Remarks
						Longitude	Latitude		Longitude	Latitude	
13	Mukerian	Mukerian Hydal Channel RD 8000 to 10643 R/S & 8800 to 9720 L/S		10	(Degraded)	31 57 55.86 N	75 48 15.48 E		-	-	-
			Total	69				10			
14	Badla	Ragowal		4	(Degraded)	31 51 13.94 N	75 44 37.43 E		-	-	-
			Total	4	(Degraded)						
			Grand Total	85				17			

Ferozepur

Sr. No.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Detail of sites				2023-24 Detail of sites			Remarks
				Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Model of proposed Plantation 2022-23	Geo Coordinates of site (As per		Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Geo Coordinates of site		
						Latitude	Longitude		Latitude	Longitude	
1	Moga	Abohar Branch Canal Rd 197 to 416 B/s	PF	9	Degraded	30°38'34.35 30°38'43.72	75°06'45.37 75°08'21.65	-	-	-	
				10	Degraded	30°38'42.69 30°39'10.06	75°08'38.24 75°11'05.83	-	-	-	
2	Moga	Moga Drain RD 0-90 B/s	PF	7	Degraded	30°40'35.47 30°45'01.22	75°01'26.97 75°05'41.38	-	-	-	
3	Moga	Jagraon Disty RD 15-tail B/s	PF	4	Degraded	30°44'21.50 30°46'01.56	75°06'34.32 75°10'19.19	-	-	-	
6	Moga	Bassian Drain RD 0-Deena Sahib pul B/s	PF	5	Degraded	30°31'26.79 30°30'26.65	75°12'37.48 75°14'08.70	-	-	-	
7	Moga	Munava Minor RD 0-tail B/s	PF	7	Degraded	30°51'29.95 30°53'50.25	74°56'27.64 75°02'09.24	-	-	-	
				8	Degraded	30°53'51.14 30°55'31.72	75°02'10.01 75°05'54.55	-	-	-	
8	Moga	Doudhar Minor Rd 0 to Tail B/s	PF	7	Degraded	30°41'35.00 30°47'06.72	75°17'59.42 75°23'02.80	-	-	-	
9	Moga	Buttar Drain Rd 0 to Tail B/s	PF	5	Degraded	30°42'32.63 30°43'10.10	75°08'28.15 75°12'35.20	-	-	-	
10	Moga	Kingwah Disty Rd 0 to 125 B/s	PF	12	Degraded	30°46'14.51 30°46'18.61	75°03'02.62 74°58'00.81	-	-	-	
				10	Degraded	30°54'25.31 30°51'51.06	75°14'08.17 75°11'18.60				

Sr. No.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Detail of sites				2023-24 Detail of sites			Remarks
				Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Model of proposed Plantation 2022-23	Geo Coordinates of site (As per		Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Geo Coordinates of site		
						Latitude	Longitude		Latitude	Longitude	
11	Moga	Rauke Minor Rd 0 to Tail B/s	PF	5	Degraded	30°39'59.82 30°39'50.18	75°13'58.03 75°17'09.73	-	-	-	
12	Moga	Rauke Manoke Rad Kassi RD 0-tail B/s	PF	3	Degraded	30°38'05.91 30°38'49.94	75°13'46.57 75°15'28.40				
13	Moga	Marri Drain Rd 46 to 96 B/s	PF	-	Degraded	-	-	Ha. 5 = RD Sekhan-Khalan-Thathi Bhai Pul to Tail B/s	30°32'26.85 30°34'20.87	74°57'53.15 75°01'17.06	
14	Moga	Chupkitti Mr Rd 0 to 30 B/s	PF	-	Degraded	-	-	Ha. 5 = RD 0 to Tail B/s	30°43'48.56 30°46'21.72	75°09'32.10 75°11'32.50	
Total Moga Range				92	Degraded			Degraded/10 ha.			
15	Ferozpur	Main Branch canal Rd 0-215 B/s	PF	15		30°35'57 30°32'00	74°27'06 74°54'556	-	-	-	
16	Ferozpur	Bikaner Canal Rd 0-180 B/s	PF	10	Degraded	30°87'032 30°79'659	74°56'266 74°54'556	-	-	-	
				8	Degraded	30°42'39.164 30°40'14.721	74°30'36.003 74°29'17862	-	-	-	
				15	Degraded	30°35'57 30°32'00	74°27'06' 74°54'556	-	-	-	

Sr. No.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Detail of sites				2023-24 Detail of sites			Remarks
				Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Model of proposed Plantation 2022-23	Geo Coordinates of site (As per		Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Geo Coordinates of site		
						Latitude	Longitude		Latitude	Longitude	
17	Ferozpur	LM Bundh Rd 0-83 B/s	PF	8	Degraded	30°58'52 30°57'28	74°06'457 74°42'36	-	-	-	
18	Ferozpur	Chak sarkar Compartment No 1 to 20	RF	8	Degraded	30°90'464 30°90'696	74°41'393 74°41'368	-	-	-	
				5	Degraded	30°88'820 30°89'035	74°40'761 74°40'637	-	-	-	
19	Ferozpur	Bulel ka Minor Rd 0-22 b/S	PF	5	Degraded	30°39'44 30°39'00	74°17'29 74°13'55	-	-	-	
20	Ferozpur	Bahadur ka Distry Rd 0-77 B/S	PF	10	Degraded	30°48'33 30°47'42	74°25'13 74°23'26	10 Hec = Rd 30-55 B/S	30°47'47 30°44'47	74°22'42 74°20'2	
21	Ferozpur	Fidda Out Fall Drain Rd 0-172 B/s	PF	9	Degraded	30°78'98 30°78'95	74°41'82 74°44'68	-	-	-	
				10	Degraded	30°87'39 30°87'23	74°69'97 74°71'49	-	-	-	
22	Ferozpur	Changa Minor Rd 42-68 B/S	PF	-	Degraded	-	-	5 Hec = Rd 42-68 R/S	30°53'47' 30°52'38'	74°26'47' 74°32'17'	
24	Ferozpur	Sodhi wala distry Rd 0-59 B/S	PF	-	Degraded	-	-	5 Hec = Rd 0-27 B/S	30°55'12 30°50'59'	74°33'30' 74°29'46'	
25	Ferozpur	Saidoke Distry Rd 0-50 B/S	PF	-	Degraded	-	-	9 Hec = Rd 0-50 B/S	30°38'41 30°35'17	74°28'22 74°20'28'	
Total Ferozepur Range				103	Degraded			Degraded/34 ha.			
26	Zira	Sodhi Nagar Disty RD 0 to 18 B/s	PF	5	Degraded	31.027543 30.982527	74.849512 74.832650	-	-	-	

Sr. No.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Detail of sites				2023-24 Detail of sites			Remarks
				Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Model of proposed Plantation 2022-23	Geo Coordinates of site (As per		Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Geo Coordinates of site		
						Latitude	Longitude		Latitude	Longitude	
27	Zira	Anarkali Minor RD 0 To Tail B/s	PF	5	Degraded	31.000434 31.005312	74.798188 74.779277	-	-	-	
28	Zira	I L Minor of Zira Distry RD 0 to Tail B/s	PF	8	Degraded	30.934041 30.898534	75.064180 74.941720	-	-	-	
29	Zira	IR Sub Minor of II L Minor RD 0 to 43 B/s	PF	7	Degraded	30.921381 30.922323	74.935003 74.879332	-	-	-	
30	Zira	Behak Gujjar Minor RD 0 to Tail B/s	PF	5	Degraded	31.032040 31.052763	74.988347 74.965301	-	-	-	
31	Zira	Nurpur Minor RD 0 to Tail B/S	PF	7	Degraded	30.973469 31.030103	75.070195 75.013612	-	-	-	
32	Zira	HFP Bandh RD 0 to 110 B/s	PF	15	Degraded	31.102484 31.076133	74.810932 74.764677	-	-	-	
33	Zira	Ferozeshah Drain Rd 0 - 90 B/s	PF	15	Degraded	30.888812 30.892673	74.823900 74.760350	-	-	-	
34	Zira	Shukar Drain Rd 0 -142 B/s	PF	12	Degraded	31.02521 31.03831	74.79609 74.85041	-	-	-	
35	Zira	Makhu - Jalandhar Road Km 62 - 75	PF	20	Degraded	31.111620 31.124074	75.021322 75.099576	-	-	-	
36	Zira	Ludhiana Ferozepur Railway Line km 89.5 - 110	PF	-	Degraded	-	-	35 ha = km 89.5-110 B/s	30.880468 30.892026 30.858125 30.879895	74.821832 74.760217 74.940242 74.824760	

Sr. No.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Detail of sites				2023-24 Detail of sites			Remarks
				Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Model of proposed Plantation 2022-23	Geo Coordinates of site (As per		Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Geo Coordinates of site		
						Latitude	Longitude		Latitude	Longitude	
Total Zira Range				99	Degraded			Degraded/35 ha.			
37	Faridkot	Faridkot -Deep singh wala 0 to 28 B/S	PF	10	Degraded	30°40'54.339 30°43'22.162	74°43'58.789 74°34'13.299	-	-	-	
38	Faridkot	Langeana Drain RD 52-156 B/S	PF	10	Degraded	30°38'32.157 30°39'46.544	74°44'57.001 74°51'37.548	-	-	-	
39	Faridkot	Sahinder Feeder RD 0 to 160 R/S	PF	5	Degraded	30°40'22.188 30°35'48.159	74°46'37.7796 74°42'29.836	-	-	-	
40	Faridkot	Mallan Minor 0 to tail B/S	PF	5	Degraded	30°25'12.968 30°24'56.894	74°47'07.335 74°45'22.273	-	-	-	
41	Faridkot	Sappan wala Minor Rd 0 to 59 B/S	PF	5	Degraded	30°49'43.77	74°39'44.193	-	-	-	
					Degraded	30°49'02.05	74°35'21.116	5 hec = Rd 22-32 B/s (Ferozepur Range)	30°85'58' 30°83'64	74°69'59 74°66"51	

Sr. No.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Detail of sites				2023-24 Detail of sites			Remarks
				Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Model of proposed Plantation 2022-23	Geo Coordinates of site (As per		Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Geo Coordinates of site		
						Latitude	Longitude		Latitude	Longitude	
42	Faridkot	Faridkot Distry Rd 64 to 100 B/s	PF	10	Degraded	30°37'05.757 30°37'06.121 30°34'13.987 30°34'14.736	74°37'38.922 74°47'38.418 74°42'29.170 74°42'29.538	-	-	-	
43	Faridkot	2R Golewala Minor Rd 0 to Tail B/s	PF	10	Degraded	30°43'52.420 30°44'20.731	74°39'33.404 74°35'37.190	-	-	-	
44	Faridkot	Ramgarh Minor 0 to Hadd B/s	PF	5	Degraded	30°26'05.236 30°23'07.512	74°52'42.726 74°50'00.639	-	-	-	
Total Faridkot Range				60	Degraded			Degraded/5 ha.			
Total Ferozepur Division				354	Degraded			84			

Performa for the details of sites for proposed plantation (NPV Degraded Model)

S. No.	Name of Range	Name of Forest/ Strip	Category of Forest (PF/RF)	2022-23 Detail of sites			2023-24 Details of site			Remarks
				Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		
					Latitude	Longitude		Latitude	Longitude	
1	Gurdaspur	Amritsar to Pathankot Railway Line Km. 49 to Km. 82 Both Side	PF	15	75° 22'59.204"E	32°00'27.648"N				
					75° 22'59.728"E	32°00'27.329"N				
					75°26'06.698"E	32°04'41.349"N				
					75°26'16.607"E	32°04'42.412"N				
2	Gurdaspur	MBU Canal RD 77-83 L/s	PF	10	75°26'16.607"E	32°04'42.412"N				
3	Gurdaspur	Gujrat Drain Rd. Vill. Tugial to Vill. Jungle Bhawani B/side	PF	10	32° 8'59.51"N	75°31'47.91"E				
					32° 8'58.28"N	75°31'47.39"E				
					32° 8'29.18"N	75°30'42.47"E				
					32° 8'28.72"N	75°30'43.70"E				
4	Gurdaspur	Chikri Drain Rd. 0-99 B/s	PF	7	31°58'51.28"	75°18'4.11"E				
					31°58'51.34"N	75°18'4.69"E				
					31°58'9.71"N	75°18'24.62"E				
					31°57'50.40"N	75°20'44.78"E				
					31°58'51.16"N	75°18'3.04"E				
					31°57'57.51"N	75°19'7.03"E				
					31°57'50.07"N	75°20'43.89"E				
6	Gurdaspur	Majithi Minor Rd. 0-Behrampur Road B/Side	PF	3	32° 6'44.06"N	75°27'19.22"E				
					32° 6'43.35"N	75°27'19.04"E				
					32° 6'43.49"N	75°27'28.62"E				
					32° 8'5.57"N	75°27'54.31"E				
					32° 8'9.03"N	75°27'45.76"E				
					32° 8'40.36"N	75°28'2.03"E				
					32° 8'40.04"N	75°28'2.86"E				
7	Gurdaspur	Bhatoya Distributory Rd. Jakria Pull to Paniar Sugar Mill B/s	PF	3	32° 5'41.76"N	75°27'51.70"E				
					32° 5'41.07"N	75°27'53.30"E				
					32° 6'34.68"N	75°28'35.24"E				
					32° 6'33.69"N	75°28'34.55"E				

8	Gurdaspur	Majithi Minor Rd. Behrampur to Vill. Dhootan B/s	PF	5	32° 6'6.73"N	75°22'55.43"E			
					32° 6'6.27"N	75°22'56.08"E			
					32° 5'10.09"N	75°21'55.75"E			
					32° 5'6.68"N	75°20'49.40"E			
9	Gurdaspur	Dehriwal Daroga to Vill. Satkoha Drain	PF	8	31°52'24.97"N	75°16'57.72"E			
					31°52'24.15"N	75°16'58.79"E			
					31°54'32.66"N	75°18'1.83"E			
					31°54'33.02"N	75°18'2.89"E			
10	Gurdaspur	Sidhpur Bandh Rd. 52-60 B/s	PF	-			10	31°58'25.89"N	75°31'56.01"E
								31°58'24.83"N	75°31'56.11"E
								31°55'34.51"N	75°32'6.06"E
								31°55'34.78"N	75°32'7.13"E
11	Gurdaspur	Fatehnangal Disty Beauty Rd. A.P.K. Road to Vinjwan Pull B/s	PF	-			7	31°57'1.63"N	75°19'2.41"E
								31°57'0.90"N	75°19'2.92"E
								31°55'45.91"N	75°17'45.78"E
								31°55'20.75"N	75°15'37.69"E
								31°54'12.07"N	75°15'2.01"E
								31°54'12.50"N	75°15'0.83"E
12	Gurdaspur	Gazikot Disty Beauty Rd. O to Mustfabad Vill. B/s	PF	-			8	32° 0'53.49"N	75°26'3.58"E
								32° 0'53.10"N	75°26'3.92"E
								32° 0'43.87"N	75°25'34.26"E
								31°59'8.65"N	75°23'52.56"E
								31°59'8.52"N	75°23'53.09"E
13	Gurdaspur	Gurdaspur- Srihargobindpur Road Km.	PF	-			5	32°01'03"N	75°24'21"E
								31°54'50"N	75°25'13"E
Total of Gurdaspur Range				61			30		
14	Qadian	Sathialy Disty beauty RD 55 to tail	PF	5	31° 45' 15.854 N	75° 29' 38.920 E			
					31° 45' 15.920 N	75° 29' 38.706 E			
					31°47' 15.0123 N	75° 28' 17.179 E			
					31° 47' 15.370 N	75° 28' 16.997 E			
15	Qadian	KBL Canal RD 35 to Batala Qadian Road L/s	PF	5	31° 50' 33 N	75° 20' 50 E	7	31° 48' 50 N	75° 19' 09 E
					31° 50' 32 N	75° 20' 51 E		31° 48' 50 N	75° 19' 10 E
					31° 48' 53 N	75° 19' 14 E		31° 48' 50 N	75° 19' 12 E
					31° 48' 53 N	75° 29' 16 E		31° 46' 50 N	75° 17' 00 E
16	Qadian	Riarky disty beauty RD Galowal Pull To Tail B/S	PF	10	31° 40' 45 N	75° 27' 11 E			
					31° 40' 45 N	75° 27' 12 E			
					31° 37' 29 N	75° 22' 33 E			
					31° 37' 29 N	75° 22' 34 E			

17	Qadian	SBC Canal Rd Tugalwal Pull to Bhaamri Pull L/S	PF	5	31° 48' 13" N	75° 26' 32" E			
					31° 48' 13" N	75° 26' 33" E			
					31° 47' 12" N	75° 25' 40" E			
					31° 47' 12" N	75° 24' 41" E			
18	Qadian	Khazala disty beauty RD Kahlwan – Uddanwal road to Batala-SHGP road B/S	PF	5	31° 45' 645" N	75° 22' 827" E			
					31° 45' 650" N	75° 22' 823" E			
					31° 44' 618" N	75° 21' 286" E			
					31° 44' 623" N	75° 21' 277" E			
19	Qadian	Khazala Drain	PF	5	31°47'24.68"N	75°24'55.22"E			
					31°47'24.30"N	75°24'55.81"E			
					31°46'28.37"N	75°22'30.45"E			
					31°46'27.90"N	75°22'30.49"E			
20	Qadian	K.N. Drain Satkoha to Batala B/s	PF	10	31° 48' 890" N	75° 11' 772" E	5	31° 49' 08.272" N	75° 12' 27.336" E
					31° 45' 197" N	75° 08' 372" E		31° 49' 08.018" N	75° 12' 28.071" E
					-	-		31° 49' 07.910" N	75° 12' 28.375" E
21	Qadian	KBL Canal Rd 85-98 B/S	PF	10	31° 43' 55" N	75° 13' 57" E	5	31° 46' 34" N	75° 16' 39" E
					31° 42' 34" N	75° 12' 35" E		31° 46' 32" N	75° 16' 42" E
					31° 43' 53" N	75° 13' 59" E		31° 44' 09" N	75° 14' 28.10" E
					31° 42' 32" N	75° 12' 37" E		31° 44' 07" N	75° 14' 13" E
22	Qadian	Anwar disty beauty Rd Railway Line to Gsp di Hadd B/S	PF	5	31° 47' 886" N	75° 09' 028" E			
					31° 45' 362" N	75° 06' 297" E			
Total of Qadian Range				60	0	0	17		
23	Aliwal	Amritsar to dera Baba Nanak Rly line K.M. 23 to 25 L/s	PF	5	31°52'01.5" N	31°53'01.3" N			
					74°56'28.6" E	74°56'27.9" E			
					31°52'01.5" N	31°53'01.2" N			
					74°56'26.8" E	74°56'27.5" E			
24	Aliwal	Thireawal Disty Beuttery RD 02-07 B/s	PF	4	31°49'49.4" N	75°06'30.1" N			
					31047'46.9" N	75005'02.3" N			
25	Aliwal	Kotla bama Disty Beuttery RD 1-17 L/s	PF	5	31°49'52.6" N	75°06'43.4" N			
					31047'40.0" N	75005'03.2" N			

26	Aliwal	MBU Canal RD 77-83 L/s	PF	4	31°55'20.6" N	31°54'52.4" N				
					75°13'08.0" E	75°12'32.1" E				
					31°55'20.0" N	31°54'52.2" N				
					75°13'08.1" E	75°12'32.5" E				
27	Aliwal	Nagli Dhussi RD Ghaniake Chonki to Amritsar haad	PF	3	32°03'29.7" N	32°03'29.5" N				
					74°56'49.6" E	74°56'49.1" E				
					32°03'47.2" N	32°03'47.0" N				
					74°55'30.8" E	74°55'31.0" E				
28	Aliwal	Nomni Drain Rd Shahpur jajan to Dharma bad	PF	5	31°58'12.6" N	31°59'26.4" N				
					74°59'48.8" E	74°56'29.7" E				
					31°58'36.3" N	31°59'34.1" N				
					74°57'32.4" E	74°56'11.5" E				
29	Aliwal	Lodi Nagal Minor Rd 0 to tail B/S	PF	5	31°50'06.7" N	31°50'06.4" N				
					75°04'11.0" E	75°04'10.7" E				
					31°51'23.0" N	31°51'22.9" N				
					75°02'37.1" E	75°02'36.8" E				
30	Aliwal	Sarchur Disty Beuttery RD 0-5 B/S	PF	3	31°49'30.6" N	31°49'30.7" N				
					75°02'28.4" E	75°02'28.7" E				
					31°49'08.2" N	31°49'07.8" N				
					75°01'46.7" E	75°01'46.7" E				
31	Aliwal	Dhianpur Disty Beuttery RD 29-42 B/s	PF	3	31°53'44.8" N	31°53'44.3" N				
					75°07'38.5" E	75°07'38.2" E				
					31°55'15.0" N	31°55'14.8" N				
					75°06'09.9" E	75°06'09.0" E				
32	Aliwal	Ramdas Distributory Rd. 0-27 Both side	PF	6	31°59'15.2" N	31°58'31.9" N				
					74°00'25.5" E	75°56'38.4" E				
					31°58'30.6" N	31°58'28.8" N				
					74°56'31.6" E	74°54'31.3" E				
33	Aliwal	Harindera Canal Rd. 0 to 9 B/s	PF	4	31°58'36.5" N	31.980242				
					75°01'45.5" E	75.016692				
					31.987045	75.007947				
35	Aliwal	Udhowali Distributory 0-tail B/s	PF	5	31°54'13.84"N	75° 3'48.09"E				
					31°54'14.11"N	75° 3'48.93"E				
					31°57'35.76"N	75° 2'23.48"E				

					31°57'35.05"N	75° 2'22.46"E				
36	Aliwal	Bajjuman Drain Rd. Taragarh to Marrar B/s	PF	3	31°51'53" N	31°51'52" N				
					75°11'05" E	75°11'05" E				
					31°47'57" N	31°47'58" N				
					75°06'30" E	75°06'31" E				
37	Aliwal	Kashtiwai Minor Rd. O-tail B/s	PF	5	31°51'52.2" N	31°51'51.7" N				
					75°07'37.2" E	75°07'37.6" E				
					31°52'53.8" N	31°52'54.1" N				
					75°09'55.9" E	75°09'56.2" E				
38	Aliwal	Wadala Banger Drain Rd. O-tail B/s	PF	5	31°58'41.62"N	75° 4'29.83"E				
					31°58'42.71"N	75° 4'30.92"E				
					31°57'24.96"N	75° 6'35.97"E				
					31°57'24.07"N	75° 6'35.61"E				
Total of Aliwal Range				65			0			
Total of Gurdaspur Division				186			47			

Divisional Forest Officer,
Gurdaspur Forest Division,
Gurdaspur.

Hoshiarpur

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to Km/Rd, side)	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per		Proposed Area for Plantation under NPV 2023-24 (Ha. Reach form Km/Rd to Km/Rd, side)	Geo-coordinates of site (as per		Remarks
						Longitude	Latitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
1	Hariana	Sherpur Chow(5 Ha.)	PF	5	Deg.	31°37'20.78"N	75°50'59.43"E	5			
						31°37'20.35"N	75°50'59.88"E				
						31°37'16.40"N	75°50'53.30"E				
						31°37'15.86"N	75°50'53.52"E				
						31°37'12.15"N	75°50'33.65"E				
						31°37'11.64"N	75°50'34.31"E				
						31°37'2.25"N	75°50'31.44"E				
						31°36'55.30"N	75°50'10.89"E				
						31°36'57.48"N	75°50'5.26"E				
						75°50'5.26"E	75°50'19.76"E				
						31°37'5.75"N	75°50'26.53"E				
						31°37'14.28"N	75°50'28.49"E				
						31°37'18.50"N	75°50'33.38"E				
						31°37'21.03"N	75°50'45.91"E				
						31°37'25.62"N	75°50'54.46"E				
						31°43'41.98"N	75°50'18.41"E				
		SUB TOTAL		5				5			
3	Mehgrowal	Mehgrowal Sher Pur Chow	PF	15	Deg.	31°38'45.40"N	75°55'53.68"E				
						31°38'14.61"N	75°53'08.27"E				
						31°38'55.23"N	75°55'47.88"E				
						31°38'26.707"N	75°53'19.480"E				
		SUB TOTAL		15				5			
	Mahilpur	Manolian	Panchayat Land under PLPA	5	Deg.	Part-1		Nil			Kml attached (2022-23 Polygon 12.50
						31°21'55.77"N	75°57'58.21"E				
						31°21'56.80"N	75°57'58.67"E				

Sr. No.	Name of Range	Name of Forest /Strip	Category of Forerst (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site) 2022-23		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site) 2023-24		Remarks
						Longitude	Latitude			Longitude	Latitude	
2	Jalandhar	Menghrowal Cho RD 65-95 B/s	P.F					10	Degraded	31°35'46.06" N	75°36'18.15"E	
4	Jalandhar	Outfall Drain RD 0-tail b/s	P.F					10	Degraded	31°14'15.49" N	75°36'26.25"E	
5	Jalandhar	Raowaly Drain RD 0-tail b/s	P.F					2	Degraded	31°21'38.87" N	75°33'53.07"E	
Total Jalandhar Range								22				
7	Nakodar	SATLUJ DHUSSI BANDH RD 100-126 B/S	PF					3	Degraded	31° 2'33.78"N	75°15'16.26"E	
Total Nakodar Range								3				
8	Phillaur	Reserve Foresr Phillaur C.No. 1 to 9 in Gap	BF					10	Degraded	31°1'44.93"N	75°47'26.49"E	
10	Phillaur	Chachrari Minor RD 0-15 b/s	PF					4	Degraded	31°8'33.25"N	75°46'47.70"E	
Total Phillaur Range								14				
14	Kapurthala	Bir Randhirpur Jungle C No. 6	BF					3	Degraded	31°13'38.22" N	75°13'34.48"E	
15	Kapurthala	Kapurthala Distributry RD Sedhowal to Biharipur B/s	PF					6	Degraded	31°17'17.03" N	75°20'40.73"E	
Total of Kapurthala Range								9				

Sr. No.	Name of Range	Name of Forest /Strip	Category of Forerst (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site) 2022-23		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site) 2023-24		Remarks
						Longitude	Latitude			Longitude	Latitude	
18	Phagwara	Jandu Singha Minor RD 40-61 B/s	PF					3	Degraded	31°20'23.798"N	75°40'59.183"E	
19	Phagwara	Phagwara Minor RD 46- tail b/s	PF					5	Degraded	31°12'98.109"N	75°48'52.055"E	
20	Phagwara	Daduwal Drain RD 0-tail B/s	PF					2	Degraded	31°12'68.107"N	75°45'39.208"E	
21	Phagwara	Bir Madhopur BF	BF					3	Degraded	31°17'03.850"N	75°42'51.590"E	
22	Phagwara	Bir Manak BF	BF					3	Degraded	31°15'12.342"N	75°53'21.695"E	
Total of Phagwara Range								16				
G.Total								64				

Ludhiana

Sr. no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV 2022-23 (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site) 2022-23		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site) 2023-24		Remarks
						Longitude	Latitude		Longitude	Latitude	
1	Jagraon	2022-23/CAMPA/Kokri Distrybutry RD 0 to 40 Both Side/5 Ha.	PF	5	Degraded	30°46'39.71"N	75°35'29.78"E				
2		2022-23/CAMPA/Rasheen Drain Km. 0 to Tail Both Side/5 Ha.	PF	5	Degraded	30°50'54.98"N	75°30'14.19"E				
3		2022-23/CAMPA/Manuke Distrybutry RD 0-40 Right Side, RD 20-40 Left side (5 Ha.) & 55-	PF	10	Degraded	30°37'17.84"N	75°38'58.31"E				
4		2022-23/CAMPA/Sangatpura Distrybutry RD 24-45 Both Side (5 Ha.), RD 45-75 Both side	PF	5	Degraded	30°37'42.42"N	75°35'52.81"E				
5		2022-23/CAMPA/Sidhwan Branch Canal Rd 160-190 Both Side (10 Ha.) & RD 207-220	PF	10	Degraded	30°42'29.44"N	75°31'8.73"E				
6		2022-23/CAMPA/5-L Dhusi Bandh RD 40-70 Both Side (10 Ha.)	PF	5	Degraded	30°39'9.00"N	75°21'51.24"E				
7		2022-23/CAMPA/Abohar Branch Canal RD 165-179 Both Side (10 Ha.) RD 180-190 Right	PF	22	Degraded	30°53'20.00"N	75°32'40.67"E				
8		2022-23/CAMPA/Chacharari Drain KM. Jagraon Raikot Road to Atiana Pakhowal	PF	10	Degraded	30°55'1.67"N	75°22'54.12"E				
9		2022-23/CAMPA/Jassowal Drain km 12-17 Both Side/10 Ha.	PF	10	Degraded	30°55'36.92"N	75°24'49.46"E				
10		2022-23CAMPA Raikot Distrybutry RD 12-25 Both Side 5 Ha.	PF	5	Degraded	30°55'50.61"N	75°22'17.56"E				
		Total Jagraon Range		87							
11		2022-23 CAMPA Ladhra Minor RD 0-17 Both Side 5 Ha.	PF	5	Degraded	30°56'54.23"N	75°28'46.22"E				
12		2022-23 CAMPA Ludhiana Chandigarh	PF	28	Degraded	30°57'40.50"N	75°25'4.49"E				
						30°45'41.38"N	75°29'38.82"E				
						30°43'46.35"N	75°25'53.62"E				
						30°44'49.03"N	75°36'38.58"E				
						30°44'50.40"N	75°30'9.56"E				
						30°48'37.32"N	75°29'27.20"E				
						30°52'59.07"N	75°28'54.31"E				
						30°37'16.68"N	75°38'36.13"E				
						30°37'43.67"N	75°36'7.15"E				
						30°50'29.74"N	76°11'58.22"E				
						30°50'46.70"N	76° 8'59.67"E				
						30°48'35.09"N	76°18'41.15"E				

Sr. no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV 2022-23 (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site) 2022-23		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site) 2023-24		Remarks
						Longitude	Latitude		Longitude	Latitude	
13	Samrala	Railway Line Km. 62.12 to 74.80 Both Side	PF	30	Degraded	30°49'28.36"N	76°10'50.29"E				
		2022-23 CAMPA Sirhind Canal RD 140-157				30°52'43.84"N	76°10'21.85"E				
		Left Side (10 Ha.) RD 140-157 Right Side (10 Ha.) & RD 110-125 Left Side (10 Ha.)				30°50'58.10"N	76°6'36.99"E				
						30°53'21.55"N	76°15'3.19"E				
Total Samrala Range											
14	Ludhiana	2022-23 CAMPA 1-R Disty. RD. 0-47 Both Side 5 Ha.	PF	5	Degraded	30°47'18.48"N	30°52'35.37"N				
15		2022-23 CAMPA 4-L Dhussi Bandh RD. 0-67 Both Side 5 Ha.	PF	5	Degraded	75°59'28.08"E	75°57'33.31"E				
16		2022-23 CAMPA Budha Nala RD. Gounspur to Walipur Both Side 7 Ha.	PF	7	Degraded	30°59'17.80"N	75°46'31.76"E				
						30°59'50.23"N	75°44'47.73"E				
17		2022-23 CAMPA Goindwal Forest 14 Ha.	PF	14	Degraded	30°56'37.54"N	75°41'8.23"E				
						30°58'27.81"N	75°39'25.97"E				
18		2022-23 CAMPA Kasabad Forest 5 Ha.	PF	5	Degraded	30°59'39.06"N	75°47'11.07"E				
						30°59'32.12"N	75°46'42.00"E				
19	2022-23 CAMPA Ludhiana Ferozepur Railway Line Km. 25-29 Both Side 8 Ha.	PF	8	Degraded	30°59'37.63"N	75°48'9.18"E					
					30°59'43.54"N	75°47'52.39"E					
20	2022-23 CAMPA RF Ludhiana 5 Ha.	PF	4	Degraded	30°49'31.33"N	75°37'27.55"E					
					30°49'5.22"N	75°35'4.34"E					
					30°58'1.56"N	75°48'52.18"E					
21	2022-23 CAMPA Chuharwal Forest 5 Ha.	PF	5	Degraded	30°58'6.49"N	75°49'4.27"E					
					30°57'35.75"N	75°49'28.02"E					
					30°57'29.85"N	75°49'17.29"E					
Total Ludhiana Range											
21		2022-23 CAMPA Chuharwal Forest 5 Ha.	PF	5	Degraded	31°0'23.37"N	75°53'0.94"E				
						31°0'10.05"N	75°52'58.88"E				
						31°0'17.14"N	75°52'53.41"E				

Sr. no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV 2022-23 (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site) 2022-23		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site) 2023-24		Remarks
						Longitude	Latitude		Longitude	Latitude	
22		2022-23 CAMPA Mattewara Forest C. No. 20 (6 Ha.)	PF	6	Degraded	31° 0'28.10"N	75°52'58.43"E				
						30°58'45.52"N	75°58'57.12"E				
						30°58'42.35"N	75°59'2.46"E				
						30°58'39.76"N	75°59'14.15"E				
23		2022-23 CAMPA Mattewara Forest C. No. 21 (8 Ha.)	PF	8	Degraded	30°58'37.62"N	75°58'58.51"E				
						30°58'55.58"N	75°58'41.45"E				
						30°58'53.63"N	75°58'57.18"E				
24		2022-23 CAMPA Mattewara Forest C. No. 22 (5 Ha.)	PF	5	Degraded	30°58'41.28"N	75°58'50.75"E				
						30°59'0.46"N	75°58'49.35"E				
						30°59'5.09"N	75°59'7.14"E				
						30°58'58.81"N	75°59'14.00"E				
25	Mattewara	2022-23 CAMPA Mattewara Forest C. No. 26 & 27 (8 Ha.)	PF	8	Degraded	30°58'49.29"N	75°59'2.35"E				
						30°59'43.55"N	75°58'9.14"E				
						30°59'53.17"N	75°58'40.31"E				
						30°59'41.60"N	75°58'28.06"E				
26		2022-23 CAMPA Salempur Forest C. No. 3, 4 & 5 (6 Ha.)	PF	5	Degraded	30°59'36.55"N	75°58'17.18"E				
						30°58'12.15"N	76° 2'54.04"E				
27		2022-23 CAMPA Mattewara Forest C. No. 13 (5 Ha.)	PF	5	Degraded	30°57'38.72"N	76° 2'24.40"E				
						30°59'23.59"N	75°58'58.06"E				
28		2022-23 CAMPA Mattewara Forest C. No. 31 (3 Ha.), 35 (5 Ha.)	PF	8	Degraded	30°59'13.99"N	75°59'10.52"E				
						30°59'7.96"N	75°57'17.61"E				
29		2022-23 CAMPA Mattewara Forest C No. 3 (10 Ha.)	PF	10	Degraded	30°59'49.09"N	75°58'7.61"E				
						30°59'48.58"N	75°58'40.00"E				
						30°59'57.48"N	75°58'53.33"E				
						30°59'47.46"N	75°59'5.56"E				
						30°59'38.42"N	75°58'51.87"E				

Sr. no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV 2022-23 (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site) 2022-23		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site) 2023-24		Remarks	
						Longitude	Latitude		Longitude	Latitude		
30		2022-23 CAMPA Mattewara Forest C. No. 34 (5 Ha.)	PF	5	Degraded	30°59'48.95"N	75°57'46.42"E					
31		2022-23 CAMPA Salempur Forest C. No. 1 & 2 10 Ha.	PF	10	Degraded	30°57'56.59"N	76° 2'22.69"E					
32		2022-23 CAMPA Mand Chounta Forest C. No. 3 & 4 (10 Ha.)	PF	10		30°58'3.08"N	76° 2'12.54"E					
						30°58'54.74"N	76° 4'45.15"E					
						30°58'31.10"N	76° 4'58.98"E					
Ttal Mattewara Range				85								
33	Doraha	2022-23 Bathinda Branch Canal RD 26-40 Right Side (8 Ha.)	PF	8	Degraded	30°43'39.88"N	75°56'26.27"E					
34		2022-23 Bikhi Khatra Drain Km. 07 to 87 Right Side (5 Ha.)	PF	5	Degraded	30°42'51.88"N	75°53'57.02"E					
35		2022-23 CAMPA Abohar Branch canal RD 40-80 Both Side (15 Ha.)	PF	15	Degraded	30°43'46.77"N	75°57'6.03"E					
36		2022-23 CAMPA Khana Distrybutry RD 73 to Tail Both Side (5 Ha.)	PF	5	Degraded	30°40'27.34"N	75°52'30.10"E					
37		2022-23 CAMPA Kila Raipur Link Drain KM. 12 to 25 Right Side (5 Ha.)	PF	5	Degraded	30°46'40.86"N	75°51'16.86"E					
38		2022-23 CAMPA Lasara Syphon 6 Ha.	PF	6	Degraded	30°46'18.88"N	75°43'37.53"E					
39		2022-23/CAMPA/Maloudh Distrybutry Rd 32-53 Both Side /5 Ha.	PF	5	Degraded	30°42'56.97"N	76°11'42.58"E					
40		2022-23 CAMPA Pakhowal Distrybutry RD. 50-79 Both Side (7 Ha.)	PF	7	Degraded	30°38'47.55"N	76° 4'45.98"E					
41		2022-23/CAMPA/Sidhwan Branch Canal RD 0-22 Both Side/5 Ha.	PF	5	Degraded	30°45'32.03"N	75°58'36.21"E					
42		2022-23/CAMPA/Sirhind Canal RD 157-184	PF	5	Degraded	30°46'19.85"N	75°51'14.26"E					
							30°37'51.47"N	76° 2'9.10"E				
							30°37'37.92"N	76° 2'1.35"E				
							30°39'15.16"N	75°57'19.94"E				
							30°37'1.73"N	75°54'0.36"E				
						30°44'39.53"N	75°49'35.97"E					
						30°43'13.26"N	75°44'52.31"E					
						30°47'2.60"N	76° 0'51.06"E					
						30°48'8.36"N	75°56'58.57"E					
						30°50'51.75"N	76° 6'25.04"E					

Sr. no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV 2022-23 (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site) 2022-23		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site) 2023-24		Remarks
						Longitude	Latitude		Longitude	Latitude	
		Left Side/5 Ha.		5	Degraded	30°48'25.36"N	76° 2'17.99"E				
43		2022-3/CAMPA/Tajpur Minor Rd 0 to Tail Both Side/5 Ha.	PF	5	Degraded	30°43'13.07"N	75°44'51.37"E				
44		2022-23/CAMPA/5 Ha./Dehlon Distrybutry RD 30-70 Right Side	PF	5	Degraded	30°43'20.18"N	75°51'0.64"E				
45		2022-23 Dhamot Syphon (5 Ha.)	PF	5	Degraded	30°39'57.82"N	75°45'40.55"E				
						30°40'47.34"N	76° 1'17.63"E				
						30°39'37.45"N	76° 0'57.81"E				
Total Doraha Range				81							
Total Ludhiana Division				364							

Divisional Forest Officer
Ludhiana Forest Division,
Ludhiana.

Mansa

Mansa												
				2022-23 Details of sites				2023-24 Details of sites				
Sr.no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site)		Name of Forest/Strip	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		Remarks
						Longitude	Latitude			Longitude	Latitude	
1	Mansa	Gharangna Minor RD Moujia Pull to Tail B/s	PF	5.00	degraded	1) 29° 55'27.32"N	1) 75° 18'25.67"E	-	-	-	-	-
						2) 29° 56'25.63"N	2) 75° 20'41.63"E					
2	do	Bhaini Disty RD 20 to 40 B/s	PF	5.00	degraded	1) 30° 02'19.81"N	1) 75° 22'57.65"E	-	-	-	-	-
						2) 30° 07'00.64"N	2) 75° 26'22.39"E					
3	do	KBC RD 330-335 B/s	PF	4.00	degraded	1) 30° 2'26.00"N	1) 75° 16'18.29"E	-	-	-	-	-
						2) 30° 2'34.46"N	2) 75° 15'24.04"E					
4	do	KBC RD 310 to 326 B/s	PF	5.00	degraded	1) 30° 02'39.77"N	1) 75° 17'48.59"E	-	-	-	-	-
						2) 30° 03'13.82"N	2) 75° 19'56.88"E					
5	do	KBC 245 to 252 B/s	PF	5.00	degraded	1) 30° 09'05.36"N	1) 75° 29'36.33"E	-	-	-	-	-
						2) 30° 08'51.72"N	2) 75° 28'46.28"E					
6	do	Mossa Branch Rd Gehle Pull to Raipur B/s	PF	10.00	degraded	1) 29° 57'11.33"N	1) 75° 21'11.28"E	-	-	-	-	-
						2) 29° 54'22.08"N	2) 75° 14'58.43"E					
7	do	Peer Kot Kassi 0 to Tail B/s	PF	3.00	degraded	1) 30° 07'46.47"N	1) 75° 19'10.19"E	-	-	-	-	-
						2) 30° 10'18.12"N	2) 75° 22'52.36"E					
8	do	Joga Disty RD Ubha Mandir Pull to Tail B/s	PF	4.00	degraded	1) 30° 07'02.15"N	1) 75° 22'10.78"E	-	-	-	-	-
						2) 30° 07'14.10"N	2) 75° 19'07.32"E					
9	do	Bhikhi Disty RD BKS Road Pull to Bhikhi Budhlada Road	PF	5.00	degraded	1) 30° 01'53.24"N	1) 75° 32'10.22"E	-	-	-	-	-
						2) 30° 04'03.91"N	2) 75° 32'29.42"E					
10	do	Bhadhur Singh Wala Drain RD Budhpura Pull to BKS	PF	8.00	degraded	1) 30° 01'04.54"N	1) 75° 32'36.44"E	Bhadhur Singh Wala Drain RD 0 to	5.00	1) 30° 01'01.78"N	1) 75° 32'35.64"E	
						2) 30° 04'07.91"N	2) 75° 32'46.40"E			2) 30° 00'18.79"N	2) 75° 32'52.91"E	
		Sub. Total (Mansa Range)		54.00					5.00			
11	Budhlada	Dodra Drain RD 0 to Tail B/s	PF	4.00	degraded	1) 29° 56'55.30"N	1) 75° 35'12.04"E	-	-	-	-	-
						2) 29° 57'31.20"N	2) 75° 31'27.76"E					
12	do	Guradhi Minor	PF	2.00	degraded	1) 30° 01'30.71"N	1) 75° 36'47.78"E	-	-	-	-	-
						2) 30° 01'10.92"N	2) 75° 38'53.89"E					

Sr.no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site)		Name of Forest/Strip	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		Remarks
						Longitude	Latitude			Longitude	Latitude	
13	do	Saidewala Minor RD 0 to Tail B/s	PF	5.00	degraded	1) 29° 50'33.57"N 2) 29° 47'00.28"N	1) 75° 36'01.85"E 2) 75° 32'14.20"E	-	-	-	-	-
14	do	Minor No. 6 of Boha Disty B/s	PF	2.00	degraded	1) 29° 50'41.12"N 2) 29° 48'42.44"N	1) 75° 31'05.05"E 2) 75° 29'57.40"E	-	-	-	-	-
15	do	Minor No. 7 of Boha Disty B/s	PF	2.00	degraded	1) 29° 49'23.54"N 2) 29° 50'49.53"N	1) 75° 29'08.66"E 2) 75° 30'25.48"E	-	-	-	-	-
16	do	Minor No. 8 of Boha Disty B/s	PF	3.00	degraded	1) 29° 52'04.05"N 2) 29° 50'53.20"N	1) 75° 26'41.35"E 2) 75° 29'21.99"E	-	-	-	-	-
17	do	Datewas Minor RD 0 to Tail D/s	PF	3.00	degraded	1) 29° 53'20.24"N 2) 29° 56'53.58"N	1) 75° 36'51.73"E 2) 75° 36'49.45"E	-	-	-	-	-
18	do	Uddat Branch RD 30 to 60 B/s	PF	6.00	degraded	1) 29° 56'28.18"N 2) 29° 53'46.28"N	1) 75° 27'57.35"E 2) 75° 23'38.09"E	-	-	-	-	-
19	do	Badalgarh Minor RD 0 to Tail B/s	PF	2.00	degraded	1) 29° 45'57.07"N 2) 29° 45'47.72"N	1) 75° 42'14.00"E 2) 75° 41'40.62"E	-	-	-	-	-
20	do	Ratangarh Minor RD 0 to Tail B/s	PF	2.00	degraded	1) 29° 45'39.92"N 2) 29° 45'48.75"N	1) 75° 41'24.26"E 2) 75° 41'55.76"E	-	-	-	-	-
21	do	Tandian Minor RD 0 to Talwandi Hadd B/s	PF	2.00	degraded	1) 29° 52'53.18"N 2) 29° 45'57.18"N	1) 75° 41'56.57"E 2) 75° 42'23.79"E	-	-	-	-	-
23	do	Borawala Minor RD 0 to Tail B/s	PF	2.00	degraded	1) 29° 59'15.07"N 2) 29° 59'51.73"N	1) 75° 35'56.95"E 2) 75° 34'13.49"E	-	-	-	-	-
24	do	Minor No. 11 and 12 B/S	PF	5.00	degraded	1) 29° 50'02.91"N 2) 29° 50'54.84"N	1) 75° 44'59.93"E 2) 75° 43'03.94"E	-	-	-	-	-
25	do	Ullak Minor RD 0 to tail B/S	PF	6.00	degraded	1) 29° 51'39.30"N 2) 29° 52'47.1"N	1) 75° 41'17.90"E 2) 75° 38'39.53"E	-	-	-	-	-
26		Fatta Maloka Jatana Tibbi Churhia Link Road B/S		4.00								
		Sub. Total (Budhlada Range)		50.00					0.00			
		G. Total (Mansa & Budhlada)		104.00					5.00			

Sr.no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site)		Name of Forest/Strip	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		Remarks
						Longitude	Latitude			Longitude	Latitude	
26	Mansa	Railway Line KM 0 to 7 B/s	PF	0	degraded	-	-	-	15	1) 29° 55'06.10"N 2) 30° 01'54.23"N	1) 75° 14'59.26"E 2) 75° 18'53.74"E	-
27	do	Delhi Ferozpur Railway Line KM 234 to 246 B/s	PF	0	degraded	-	-	-	20	1) 30° 00'02.39"N 2) 29° 56'33.47"N	1) 75° 22'43.78"E 2) 75° 29'46.50"E	
Sub. Total (Mansa Range)				0				-	35			
Sub. Total (Mansa & Budhlada Range)				104.00				-	40.00			

Divisional Forest Officer,
Mansa.

Nawashahr

Sr. no	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV (Ha.) 2022-23	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site) 2022-23		Proposed area for plantation under NPV (Ha.) 2023-24	Geo Coordinates of site (As per DGPS map of the site) 2023-24		Remarks
						Longitude	Latitude		Longitude	Latitude	
Pun Campa Degreded											
1	Nawanshahr	Railway Line Nawanshahr to Kariha Railway Station B/S	Rail	8	Degraded	31° 8'21.11"N	76° 4'56.45"E	Nil			
2	Nawanshahr	Railway Line Kariha to Mallupota B/S	Rail	12	Degraded	31°10'28.29"N	76° 0'22.60"E	Nil			
3	Nawanshahr	Railway Line Mallupota to Behram B/S	Rail	10	Degraded	31°11'33.54"N	75°55'0.31"E	Nil			
4	Nawanshahr	Nawanshahr to Garhshankar Railway Line 0 to 5 KM	Rail	5	Degraded	31° 8'16.86"N	76° 6'40.79"E	Nil			
5	Nawanshahr	Nawanshahr Branch Canal 0-45 (RD 0 to 31 B/S)	Canal	8	Degraded	31° 4'49.81"N	76° 3'2.46"E	Nil			
6	Nawanshahr	Garch Minor Rd 0 to 31500	Canal	5	Degraded	31° 3'14.31"N	76° 2'58.18"E	Nil			
7	Nawanshahr	Burj Tehal Dass Forest	Evacue Land	12	Degraded	31° 0'24.12"N	75°58'24.89"E	Nil			
8	Nawanshahr	BDC, Rd 94-141 (for Plantation 94-116 L/S)	Canal	4	Degraded	31° 3'3.10"N	76°12'58.69"E	Nil			
9	Nawanshahr	Saidpur Forest	Block Forest	2	Degraded	30°59'41.52"N	76° 8'38.14"E	Nil			
10	Nawanshahr	Neelowal Forest	PF	5	Degraded	31° 1'56.05"N	76° 9'10.18"E	Nil			
11	Nawanshahr	Apra Minor Rd 0-35 (10 to 35 B/S)	Canal	3	Degraded	31° 5'9.74"N	75°56'26.75"E	Nil			
Total Degreded: -				74							

Pathankot

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV (Ha. Reach form Km/Rd to Km/Rd, side) 2022-23	Model of proposed Pplantation (Ha)	Geo-coordinates of site (as per		Proposed Area for Plantation under NPV (Ha. Reach form Km/Rd to Km/Rd, side) 2023-24	Geo-coordinates of site (as per		Remarks
						Longitude	Latitude		Longitude	Latitude	
1	4	5	6	14		16	17	18	19	20	21
1	Pathankot	Malikpur Model	P/F	5	Degraded	32°14'01.83"N	75°35'51.46"E	0	-	-	KML file attached
								0	-	-	
2	Pathankot	Raji beli Forest	P/F	3	Degraded	32°12'31.04"N	75°24'41.22"E	0	-	-	KML file attached
3	Pathankot	Kathlour Forest	P/F	5	Degraded	32°16'0.78"N	75°25'48.58"E	0	-	-	KML file attached
	Pathankot	Jalandhar to Pathankot Railway line Km 90 to 101 B/S	P/F	30	Degraded	32°10'45.63"N	75°40'0.44"E	10	-	-	KML file attached
4	Pathankot	Amritsar Pathankot Railway Line Jakolarhi fatak to Dalla Fatak Railway Line Km 14 to 22 B/Side	P/F	20	Degraded	32°13'15.27"N	75°32'53.11"E	0			KML file attached
5	Pathankot	Hydel Chennal Canal Madhopur to nwa pind B/S	P/F	0	Degraded	-	-	0	32°21'44.07"N	75°35'21.42"E	KML file attached
6	Pathankot	Ravi dussi Bandh RD 25 to 36 B/S	P/F	0	Degraded	"	-	5	32°18'39.55"N	75°28'46.75"E	KML file attached
7	Pathankot	Taragarh Dhussi bandh rd Habit pindi to Darshopur b/s	P/F	0	Degraded	"	-	4	32°12'28.84"N	75°27'30.19"E	KML file attached
				63				19			

Divisional Forest Officer,
Pathankot.

Patiala

Sr. No.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Details of sites				2023-24 Details of sites			Remarks
				Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of plantation	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		
		Longitude	Latitude				Longitude		Latitude		
1	Nabha	Allowal Distributory R.D 0 to Tail B/S	PF	5	Degraded	30°23'36.08"N 30°28'43.39"N	76°13'27.63"E 76°19'32.34"E				
2	Nabha	Namada Rajwaha RD 0 to 12 B/S	PF	3	Degraded	30°20'25.84"N 30°18'15.41"N	76° 9'17.10"E 76° 8'45.93"E				
3	Nabha	P.F IInd R.D 90 to 157 B/S Plantation Site: - 2022-23 P.F IInd R.D. 90-105 L/S (10 Hac), P.F IInd R.D 114-125	PF	20	Degraded	30°33'0.83"N 30°31'38.02"N	76° 5'12.64"E 76° 6'8.78"E				
					Degraded	30°30'48.39"N 30°28'8.71"N	76° 6'40.51"E 76° 8'26.26"E				
					Degraded	30°30'46.70"N 30°25'7.81"N	76° 6'40.69"E 76°10'22.47"E				

Sr. No.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Details of sites				2023-24 Details of sites			Remarks
				Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of plantation	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		
		Longitude	Latitude				Longitude		Latitude		
4	Nabha	Sirhind Choa Rd 347-419 B/S Plantation site: Sirhind Choa RD 413-415 L/S (Village Wazidpur)	PF	5	Degraded	30°26'42.55"N 30°26'53.57"N	76° 8'8.98"E 76° 8'23.63"E				

Sr. No.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Details of sites				2023-24 Details of sites			Remarks
				Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of plantation	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		
		Longitude	Latitude				Longitude		Latitude		
5	Nabha	2023-24: Jhambo Drain Dughat Pul to BML B/S	PF		Degraded			3	30°28'6.20"N 30°23'46.00"N	76°20'21.85"E 76°17'36.38"E	
6	Nabha	2023-24: Kotli Rajjwaha RD 0 to Tail B/S	PF		Degraded			5	30°19'22.89"N 30°26'29.37"N	76° 0'34.65"E 76° 9'27.98"E	
7	Nabha	2023-24: Ramgarh Rajwaha RD 0 to Diwargarh Pul B/S	PF		Degraded			3	30°18'8.97"N 30°22'33.34"N	76°11'24.83"E 76°14'6.74"E	
8	Nabha	Nabha Rajwaha RD 0 to Tail B/S 2023-24 Site: Nabha Rajwaha RD Railway Line to Tail B/S	PF		Degraded			5	30°19'6.33"N 30°21'42.32"N	76° 8'17.52"E 76° 9'3.29"E	
9	Nabha	2023-24: Chhitanwala Minor RD 0-20 B/S	PF		Degraded			3	30°20'54.64"N 30°21'55.60"N	76° 1'15.98"E 76° 3'41.13"E	
				33	Degraded			19			
10	Rajpura	Narwana Baranch Canal RD 65-161 B/S Plantation Site:- 2022-23 NBC RD 65-98 L/S (7 Hac), RD 120-140 R/S (7 Hac) & RD 140-	PF	15	Degraded	30°30'38.82" N	76°30'08.80"E				
					Degraded	30°26'08.35"N	76°32'40.19"E				
					Degraded	30°22'52.06" N	76°34'29.10"E				
					Degraded	30°20'10.03" N	76°36'53.29"E				
					Degraded	30°20'09.09"N	76°36'53.99"E				
					Degraded	30°17'25.11"N	76°38'55.67"E				

Sr. No.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Details of sites				2023-24 Details of sites			Remarks
				Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of plantation	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		
		Longitude	Latitude				Longitude		Latitude		
11	Rajpura	Sanour Rajwaha RD 0-25 B/S Plantation Site:- 2022-23 Sanour Rajwaha RD 0-25 B/S	PF	5	Degraded	30°24'04.28" N 30°21'50.05"N	76°33'35.74"E 76°29'10.24"E				
12	Rajpura	Dhakansu Bandh RD 61-93 B/S Plantation Site:- 2022-23 Dhakansu Bandh RD 61-78 L/S	PF	10	Degraded	30°28'40.17" N 30°30'37.73"N	76°36'32.01"E 76°38'33.17"E				
13	Rajpura	Rajpura Rajwaha RD 85-118 B/S Plantation Site:- 2022-23 Rajpura Rajwaha RD Harna to Alipur B/S	PF	7	Degraded	30°33'17.40" N 30°29'49.45"N	76°33'15.55"E 76°31'52.16"E				
14	Rajpura	2023-24 Banur Canal RD GT Road to Tail B/S (7 Hac)	PF	0	Degraded	--	--	7	30°26'30.16" N 30°24'05.62"N	76°39'43.57"E 76°33'38.00"E	
15	Rajpura	2023-24 Bhagna Drain RD 15-28 B/S (5 Hac)	PF	0	Degraded	--	--	4	30°24'55.40" N 30°22'48.22"N	76°42'56.12"E 76°41'54.84"E	
				37	Degraded			11			
16	Samana	Namada Rajwaha RD	PF	5	Degraded	30°14'56.89"N	76°09'26.48"E	--	--	--	

Sr. No.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Details of sites				2023-24 Details of sites			Remarks
				Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of plantation	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		
		Longitude	Latitude				Longitude		Latitude		
		40 to 60 B/S			Degraded	30°11'08.48"N	76°06'41.11"E		--	--	
17	Samana	Karmgarh Minor RD 0-73 B/S	PF	5	Degraded	30°02'29.91"N	76°08'06.39"E	--	--	--	
					Degraded	29°59'09.67"N	76°08'32.15"E		--	--	
18	Samana	BML RD 275 to 460 B/S	PF	5	Degraded			--	--	--	
					Degraded				--	--	
19	Samana	Bamana Minor RD 0 to Tail B/S	PF	4	Degraded			--	--	--	
					Degraded				--	--	
20	Samana	Marori Minor RD 0 to Tail B/S	PF	3	Degraded			--	--	--	
					Degraded				--	--	
				22	Degraded						
21	Patiala	BML Rd 137 to 460 B/S	PF	10	Degraded	30°25'35.95"N	76°19'54.37"E	--	--	--	
					Degraded	30°18'35.40"N	76°19'53.23"E		--	--	
22	Patiala	Arnoli Ditsy. R.D 27.6 to 98.750, B/s	PF	5	Degraded	30°14'09.35"N	76°27'53.07"E	--	--	--	
					Degraded	30°16'58.44"N	76°21'54.48"E		--	--	
23	Patiala	Gandha Nala (Jacob drain) RD 0 to 17 B/s	PF	4	Degraded	30°15'50.42"N	76°19'51.93"E				
						30°10'13.22"N	76°26'44.64"E				
24	Patiala	Sanour Disty. R.D. 25 to 98.500, B/S	PF	6	Degraded	30°17'44.60"N	76°25'36.07"E	--	--	--	
					Degraded	30°12'57.02"N	76°21'53.91"E		--	--	
25	Patiala	PF Illrd, R.D. 177 to 200 B/S	PF	3	Degraded	30°21'36.83"N	76°17'32.70"E	--	--	--	
					Degraded	30°21'54.44"N	76°16'34.25"E		--	--	
26	Patiala	2023-24: 2-L Disty. R.D. B.M.L to Patiala Sirhind Road, B/S (3 Hac)	PF	0	Degraded	--	--	3	30°25'43.19"N 30°23'28.18"N	76°20'50.38"E 76°24'12.94"E	

Sr. No.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Details of sites				2023-24 Details of sites			Remarks
				Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of plantation	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		
		Longitude	Latitude				Longitude		Latitude		
27	Patiala	2023-24: Jansui Minor R.D. 30 to 45 B/S (4 Hac)	PF	0	Degraded	--	--	4	30°09'39.51"N 30°07'05.10"N	76°37'13.23"E 76°33'34.52"E	
				28	Degraded			7			
28	Sirhind	Jhambo Drain Rd 310 to 345 B/S	PF	4	Degraded	30°31'13.66"N	76°22'49.01"E				
					Degraded	30°28'8.07"N	76°20'25.72"E				
29	Sirhind	Akash Minor RD 0 to Tail B/S	PF	5	Degraded	30°32'16.01"N	76°29'8.33"E				
					Degraded	30°25'39.49"N	76°27'10.99"E				
30	Sirhind	2023-24 II-R Rajwaha RD 0 to 30 B/S	PF	--	Degraded	--	--	3	30°36'44.99"N	76°19'58.98"E	
					Degraded	--	--		30°31'30.07"N	76°17'58.95"E	
31	Sirhind	2023-24 NBC Rd 0 to 25 L/S	PF	--	Degraded	--	--	4	30°36'44.97"N	76°20'2.49"E	
					Degraded	--	--		30°35'6.41"N	76°24'17.80"E	
32	Sirhind	2023-24 Rajindergarh Minor 0 to Tail B/S	PF	--	Degraded	--	--	4	30°36'37.42"N	76°30'45.54"E	
					Degraded	--	--		30°33'55.36"N	76°28'28.51"E	
				9	Degraded			11			
33	Bhadson	Sirhind Choa Mangewal Pull to	PF	3	Degraded	30°29'0.71"N	76°12'5.94"E	--	--	--	
					Degraded	30°30'33.13"N	76°14'34.83"E		--	--	
34	Bhadson	2R Distributary RD 40 to RD 65 B/S	PF	3	Degraded	30°30'56.08"N	76°17'38.20"E	--	--	--	
					Degraded	30°29'36.39"N	76°13'36.32"E		--	--	
				6	Degraded			0			
				135	Degraded			48			

Ropar

Sr.No	Name of range	Name of forest / Strip	category of forest RF/ PF	2022-23			2023-24		Remarks
				Proposed area of plantation under NPV (Ha reach from KM/ RD to KM/ RD, side)	Model of proposed plantation	Geo-cordinates of site (As per DGPS map of the site)	Proposed area of plantation under NPV (Ha reach from KM/ RD to KM/ RD, side)	Geo-cordinates of site (As per DGPS map of the site)	
1	Rupnagar	Balamgarh madwara	secion 4-5	15	Deg	30°53'16.63"N 76°35'58.65"E	25	30°53'23.57"N, 76°36'10.15"E	
2	Chamkaur Sahib	BML Rd 20 to 29 Left site	-	15	Deg	30°55'25.380"N 76°29'35.810"E	0	-	
				30			25		

Divisional Forest Officer,
Rupnagar

Sangrur

S No	Name of Range	Name of Forest Strip	Category OF Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/Rd to KM/RD, side)	Model of Proposed Plantation (Ha.)	GEO Coordinates of site (as per DGPS map of the site 2022-23)		Name of Strip	Proposed area for plantation under NPV (Ha. Reach from KM/Rd to KM/RD, side)	GEO Coordinates of site (as per DGPS map of the site 2023-24)		Remarks	
						Latitude	Longitude			Latitude	Longitude		
1	Sangrur	Brata Drain Rd Chajji village to Mansa Tak BS	PF	8	Deg.	29° 54' 52.23" N	30° 01' 45.27" N						
						75° 41' 30.00" E	76° 49' 44.55" E						
2	Sangrur	Budlada Branch Minor No 1, BS	PF	3	Deg.	30° 01' 37.67" N	29° 58' 41.55" N						
		Budlada Branch Minor No 2 BS	PF				75° 42' 37.70" E	75° 42' 07.26" E					
		Budlada Branch Minor No 3 BS	PF				30° 00' 03.47" N	29° 58' 01.52" N					
							75° 40' 57.31" E	75° 40' 49.23" E					
						29° 57' 49.18" N	29° 55' 12.82" N						
						75° 39' 01.61" E	75° 39' 37.25" E						
3	Sangrur	Lehragaga Main Drain 205 to 220 BS	PF	5	Deg.	30° 12' 14.88" N	30° 15' 53.66" N						
						76° 05' 38.95" E	76° 08' 41.28" E						
4	Sangrur	Sheron Rajwaha Minor No 7 BS	PF	4	Deg.	30° 10' 55.04" N	30° 07' 58.59" N						
		Sheron Rajwaha Minor No 9 BS	PF				75° 46' 01.82" E	76° 45' 16.32" E					
							30° 08' 23.04" N	30° 08' 13.87" N					
						75° 43' 09.94" E	75° 41' 40.39" E						
5	Sangrur	Balad Branch RD Head to Tail BS	PF	3	Deg.	30° 15' 45.37" N	30° 11' 10.55" N						
						76° 03' 41.05" E	76° 01' 12.46" E						
6	Sangrur	Lehragaga Man drain Rd Dirba to Patran Road B/S	PF	15	Deg.	30° 17' 49.54" N	30° 11' 10.55" N						
						75° 54' 59.05" E	76° 01' 12.46" E						
7	Sangrur	Khadial Branch RD 0 to Jakhal Road BS	PF	8	Deg.	30° 06' 21.33" N	30° 06' 45.47" N						
						75° 56' 17.23" E	75° 49' 08.71" E						
				46									
8	Sangrur							Sangrur Disty Minor No 5	1.5	30° 15' 41.07" N	30° 13' 52.03" N		
										75° 55' 25.96" E	75° 51' 53.68" E		
								Sangrur Disty Minor No 6	1	30° 14' 21.93" N	30° 13' 37.11" N		
										75° 54' 49.62" E	75° 54' 02.71" E		
9	Sangrur							ni Minor RD o to Tai	2	30° 14' 21.42" N	30° 12' 56.26" N		
										75° 54' 46.39" E	75° 53' 53.35" E		
13	Sangrur							Bhawanigarh Disty Minor M No 4	1.5				

S No	Name of Range	Name of Forest Strip	Category OF Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/Rd to KM/RD, side)	Model of Proposed Plantation (Ha.)	GEO Coordinates of site (as per DGPS map of the site 2022-23)		Name of Strip	Proposed area for plantation under NPV (Ha. Reach from KM/Rd to KM/RD, side)	GEO Coordinates of site (as per DGPS map of the site 2023-24)		Remarks
						Latitude	Longitude			Latitude	Longitude	
14	Sangrur							Duri Link Drain Rd 24 to Ladda Balian Road B/s	3			
15	Sangrur							BSW Drain Rd 95 to 124	8			
15	Sangrur							Sheron Disty Miel No 9 to 13.5 BS	3	30° 18' 02.815" N 75° 501' 68.51" E	30° 14' 45.861" N 75° 49' 37.39" E	
									20			
17	Barnala	Tallewal drain Rd sehna disty to kutba road B/s	P/F	3	Deg.	30°32'39.76"N 30°35'8.14"N 30°32'38.88"N 30°35'6.52"N	75°30'2.09"E 75°36'12.94"E 75°30'2.32"E 75°36'16.94"E					
18	Barnala	Gehal Minor Rd 0 to tail B/s	P/F	3	Deg.	30°34'33.95"N 30°31'39.07"N	75°29'17.92"E 75°25'23.75"E					
19	Barnala	Chhna Minor Rd 0 to tail B/s	P/F	2	Deg.	30°25'15.72"N 30°25'53.56"N	75°21'34.92"E 75°18'53.49"E					
20	Barnala	Pakho Minor Rd Barnala Mansa road to tail B/s	P/F	2	Deg.	30°15'0.81"N 30°13'42.51"N 30°15'0.35"N30°13'42.43"N	75°26'35.19"E 75°25'28.31"E 75°26'35.05"E 75°25'28.54"E					
21	Barnala	Tapa Tajo Pakho road Km 0-9.61 B/s	P/F	5	Deg.	30°17'25.56"N 30°13'15.52"N	75°22'27.95"E 75°25'12.83"E					
23	Barnala	BBC Rd 225-245 B/s	P/F	8	-	30°30'10.39"N 30°26'7.53"N 30°30'10.05"N 30°26'44.56"N	75°24'32.80"E 75°22'32.80"E 75°24'35.81"E 75°22'54.35"E	BBC Rd 168-180 R/s	5	30°34'53.70"N 30°34'39.01"N	75°32'28.24"E75°29'47.19"E	
24	Barnala	Joga Disty Rd 0-75 B/s	P/F	15	Deg.	30°15'19.05"N 30°10'57.51"N	75°26'32.15"E 75°37'38.17"E					
25	Barnala	Kurad drain Rd 0 to Bajakhana road B/s	P/F	8	Deg.	30°21'18.24"N 30°24'15.91"N	75°27'23.28"E 75°26'3.93"E					
				46					5			
26	Malerkotla	Moharan Rajwaha Rd 0 to 25 B/s	PF	5	Deg.	30°32'36.92"N 75° 02' 58.36" E	30° 31' 17.63" N 75° 58' 51.64" E					
27	malekrola	Sangrur Rajwaha Rd 4 to tail tak B/s	PF	8	Deg.	30°20'26.35"N 75°53'49.99"E	30°20'29.046"N 75°53'46'90"E					
28	malerkota	Kbc rd 136 to 145 R/s ,148 to 151 L/s	PF	4	Deg.	30°20'30.61"N 75°44'34.86"E	30°19'24'90"N 75°43'16.46"E					
29	Malerkotla	Bathan miner Rd 0 to tail	PF	2	Deg.	30°30'08.48"N	30°29'14.22"N					

S No	Name of Range	Name of Forest Strip	Category OF Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/Rd to KM/RD, side)	Model of Proposed Plantation (Ha.)	GEO Coordinates of site (as per DGPS map of the site 2022-23)		Name of Strip	Proposed area for plantation under NPV (Ha. Reach from KM/Rd to KM/RD, side)	GEO Coordinates of site (as per DGPS map of the site 2023-24)		Remarks
						Latitude	Longitude			Latitude	Longitude	
						76°00'55.53"E	75°58'33.09"E					
30	Malerkotla	Bhanwanpur Rajwaha mile no 39 to 90 B/s	PF	6	Deg.	30°23'37."N	31°04.37"N					
						75°57.37"E	76°06.40"E					
31	Malerkotla	Drogewal miner 0 to tail	PF	4	Deg.	30°27'54.345"N	75°56'30.82"E					
						30°27'57.02"N	75°56'7.98"E					
32	Malerkotla	Bhikhi Bhaavai Khattara Drain	PF	5	Deg.	30°40'28"54"N	30°38'28.85"N					
						75°53'01.22"E	75°49'39.92"E					
33	Malerkotla	Mohrana Link drain Head to tail	PF	2.5	Deg.	30°25'2.175"N	30°25'2.23129"					
						75°51'33.1697"E	75°51'33.24416					
34	Malerkotla	Mohal Guara Rd Mohala pull to Kheri pull tak	PF	2	Deg.	30°44'0917"N	30°45'3765"N					
						76°05'5443"E	76°07'1859"E					
35	Malerkotla	Dhanauala Drain 87 to 123 R/s	PF	4	Deg.	30°21'2.881"N	30°18'25.451"N					
						75°44'17.250"E	75°39'52.986"E					
				42.5								
40								Mahorana drain guara pull to Bhulran pull b/s	2	30°30'24.37"N 75°58'23.091"E	30°28'17.096"N 75°55'17.944"E	
41								Rassian Drain rd malekotla Raikot to sultanpur vill	5	30°37'10"N 75°39'00"E	30°38'04"N 75°46'03"E	
42								Rohira disty phallewal pull to tail tak	7	30°38'22.290"N 75°51'37.344"E	30°41'06.953"N 75°51'41.622"E	
45								Sangrur Rajwaha 0 to 4 b/s	3	30°20'26.35"N 75°53'49.99"E	30°20'29.096"N 75°53'46.90"E	
47								kbc rd 4 to 7 L/s	2	30°34'25.39"N 76°04'03.04"E	30°32'19.80"N 76°02'41.07"E	
									19			
48	Lehragaga	Lehragaga Main drain rd 0 to 25 L/S	PF	7	Deg.	29°51'41.28"N 75°49'13.22"E	29°51'1.85"N 75°47'21.44"E	Lehragaga Main drain rd 100 to 125 L/S	10	30° 0'2.63"N 75°58'23.41"E	29°50'53.81"N 75°46'39.09"E	^
49		Lehra Link Drain	PF	12	Deg.	29°55'33.26"N 75°49'50.22"E	29°53'59.86"N 75°47'22.81"E	^	0	^		^
50		Minor No 3 of Arkwas Disty rd 0 to tail	PF	2	Deg.	29°55'55.38"N 75°46'56.80"E	29°56'10.75"N 75°47'45.28"E	^	0	^		^

S No	Name of Range	Name of Forest Strip	Category OF Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/Rd to KM/RD, side)	Model of Proposed Plantation (Ha.)	GEO Coordinates of site (as per DGPS map of the site 2022-23)		Name of Strip	Proposed area for plantation under NPV (Ha. Reach from KM/Rd to KM/RD, side)	GEO Coordinates of site (as per DGPS map of the site 2023-24)		Remarks
						Latitude	Longitude			Latitude	Longitude	
51		Minor no 10 of ladbanjara disty rd 0 to tail	PF	2	Deg.	29°53'16.84"N 75°51'44.34"E	29°52'53.01"N 75°49'58.72"E	^	0	^		^
52		Minor no 11 of ladbanjara disty rd 0 to tail	PF	2	Deg.	29°52'3.13"N 75°50'42.95"E	29°51'43.04"N 75°49'42.38"E	^	0	^		^
53		Ludhiana-Dhuri-jakhal , hissar railway line km104-127 b/s	PF	25	Deg.	30° 0'45.87"N 75°48'36.51"E	29°49'49.75"N 75°47'48.37"E	^	0	^		^
54		minor no 1 of kotra disty rd 0 to tail b/s	PF	4	Deg.	30° 5'48.93"N 75°56'27.83"E	30° 6'41.35"N 75°52'29.69"E	^	0	^		^
55		Jnal Drain b/s	PF	10	Deg.	30° 0'2.41"N 75°56'16.23"E	30° 4'15.24"N 75°57'7.78"E	^	0	^		^
56		Hariyau Branch b/s	PF	10	Deg.	29°59'10.65"N 75°58'4.82"E	29°55'57.94"N 75°59'12.55"E	^	0	^		^
58		BML rd 462-476 l/s	PF	8	Deg.	29°49'1.93"N 76° 5'31.23"E	29°49'43.08"N 76° 6'19.86"E	^	0	^		^
59		BML rd 508-529 l/s	PF	8	Deg.	29°44'35.30"N 75°57'47.33"E	29°45'26.07"N 75°58'57.52"E	^	0	^		^
60		minor no 1 of moonak Branch b/s	PF	2	Deg.	29°55'5.19"N 75°55'48.40"E	29°51'23.77"N 75°56'1.99"E	^	0	^		^
61		^	^	^	^	^	^	Minor no 2 of Kotra Disty rd 0 to tail b/s	3	30° 1'40.29"N 75°56'3.21"E	30° 1'42.80"N 75°56'41.70"E	
62		^	^	^	^	^	^	Khetla branch b/s	10	30° 2'35.43"N 76° 0'31.13"E	29°56'48.41"N 76° 0'21.10"E	
64		^	^	^	^	^	^	harigarh minor of ladbanjara disty rd ubhya road to tail b/s	2	29°58'5.89"N 75°57'17.82"E	29°58'35.62"N 75°58'38.92"E	
65		^	^	^	^	^	^	minor no 4 of arkwas disty rd 0 to tail b/s	5	29°52'45.60"N 75°45'50.53"E	29°54'27.46"N 75°46'31.12"E	
66		^	^	^	^	^	^	Arkwas disty rd nagla pull to sunam jakhal road b/s	7	29°56'39.65"N 75°48'11.88"E	29°59'42.32"N 75°50'22.87"E	

S No	Name of Range	Name of Forest Strip	Category OF Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/Rd to KM/RD, side)	Model of Proposed Plantation (Ha.)	GEO Coordinates of site (as per DGPS map of the site 2022-23)		Name of Strip	Proposed area for plantation under NPV (Ha. Reach from KM/Rd to KM/RD, side)	GEO Coordinates of site (as per DGPS map of the site 2023-24)		Remarks
						Latitude	Longitude			Latitude	Longitude	
67		^	^	^	^	^		L-5 drain	11	30° 0'48.76"N 75°52'34.64"E	30° 0'24.85"N 75°52'9.92"E	
68		^	^	^	^	^		I-6 drain	6	29°55'14.54"N75°5 2'43.07"E	29°55'18.53"N 75°55'35.32"E	
69		^	^	^	^	^		Delhi firozpur bathinda railway line km 201-205 b/s	13	29°48'49.82"N 75°47'48.85"E	29°49'27.50"N 75°46'22.01"E	
70		^	^	^	^	^		minor no 14 of ladbanjara disty rd 0 to tail b/s	2	29°50'5.21"N 75°48'45.37"E	29°50'4.93"N 75°48'47.31"E	
71		^	^	^	^	^		Gehla killan	4	29°44'5.19"N 75°57'16.50"E	29°44'10.52"N 75°57'18.77"E	
72		^	^	^	^	^		Thaska Killan	2	29°46'59.17"N 76° 1'52.18"E	29°46'54.94"N 76° 1'50.15"E	
73		^	^	^	^	^		Dhanouri disty rd 33 to 49 b/s	6	29°46'38.15"N 75°58'30.66"E	29°46'35.51"N 75°58'26.31"E	
74		^	^	^	^	^		khokhar minor rd 0 to 13 b/s	5	29°46'16.88"N 75°57'46.18"E	29°44'41.82"N 75°56'44.78"E	
75		^	^	^	^	^		moonak radd kassi rd 0 to chandigarh hissar road b/s	5	29°46'15.79"N 75°55'56.09"E	29°47'0.82"N 75°54'57.64"E	
76		^	^	^	^	^		Dhanouri feeder rd 0 to 59 b/s	15	29°48'40.16"N 76° 4'44.39"E	29°45'29.31"N 76° 1'18.41"E	
Total				92					96			
G. Total				226.5					140			

SAS Nagar

Sr.no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Details of sites			2023-24 Details of sites			Remarks	
				Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)			
						Longitude	Latitude			Longitude	Latitude
1	Khamano Range	SYL Canal RD Mahdhuda Pull to Pawala Pull	PF	5	Deg	30°43'50.58"N	76°25'11.94"E	-	30°43'50.58"N	76°25'11.94"E	
2		Rajpura Rajwaha	PF	3	Deg	30°37'23.22"N	76°36'31.68"E	-	30°37'23.22"N	76°36'31.68"E	
3		Gobindgarh Distribut.5 to 50 B/s	PF	5	Deg	30°43'50.58"N	76°25'11.94"E	-	30°43'50.58"N	76°25'11.94"E	
4	Khamano Range	BML RD 100-116 BS	PF	-	Deg	-	-	10	30°40'50.00"N	76°21'54.63"E	
5		Syl Pawala to Baromajri	PF	-	Deg	-	-	10	30°37'23.28"N	76°36'26.82"E	
Total				13				20			
6	Derabassi Range	Bir Bakarpur	PF	10	Deg	30°43'50.58"N	76°25'11.94"E	5	30°43'50.58"N	76°25'11.94"E	
7		Bir Peer Muchella	PF	8	Deg	30°37'23.22"N	76°36'31.68"E	5	30°37'23.22"N	76°36'31.68"E	
8		Bir Dandrala	PF	6	Deg	30°43'50.58"N	76°25'11.94"E	15	30°43'50.58"N	76°25'11.94"E	
9		Bir Kheri	PF	6	Deg	30°37'23.22"N	76°36'31.68"E	5	30°37'23.22"N	76°36'31.68"E	

Sr.n o.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Details of sites				2023-24 Details of sites			Remarks
				Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		
						Longitude	Latitude		Longitude	Latitude	
		Total		30				30			
10		Siswan Diversion-II	PF	10	Deg	30°43'50.58"N	76°25'11.94"E	10	30°43'50.58"N	76°25'11.94"E	
11		Sohali Bandh	PF	10	Deg	30°37'23.22"N	76°36'31.68"E	-	30°37'23.22"N	76°36'31.68"E	
12		Saini Majra	PF	10	Deg	30°43'50.58"N	76°25'11.94"E	-	30°43'50.58"N	76°25'11.94"E	
13		SYL Bassian Pull to Chunni Pull R/s	PF	10	Deg	30°37'23.22"N	76°36'31.68"E	-	30°37'23.22"N	76°36'31.68"E	
14		SYL Dharak Pull to Chunni Pull	PF	8	Deg	30°43'50.58"N	76°25'11.94"E	-	30°43'50.58"N	76°25'11.94"E	
15		Siswan Kurali Road B/s	PF	-	Deg	-	-	1	30°49'53.10"N	76°36'35.71"E	
16		Giddarpur	PF	-	Deg	-	-	9	30°39'4.76"N	76°38'14.95"E	
		Total		48				20			
17		Majra	PF	8	Deg	30°37'23.22"N	76°36'31.68"E	-	30°37'23.22"N	76°36'31.68"E	
		Total		8				0			
				99				70			

Sri Mukatsar Sahib

S.No.	Name of Range	Name of Forest/ Strip	Category of Forest (PF/RF)	2022-23 Detail of sites				2023-24 Details of site		
				Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Model of Proposed Plantation	Geo Coordinates of site (As per		Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Geo Coordinates of site (As per	
						Latitude	Longitude		Latitude	Longitude
2	Muktsar	Mudki Disty Rd 80-121 B/s	PF	5	Degraded	30°35'01.35"N 74°32'49.12" E	30°34'57.27."N 74°29'58.92" E	-	-	-
4	Muktsar	1-R Mudki Minor Rd 40-80 B/s	PF	5	Degraded	30°37'44.03"N 74°33'43.76" E	30°36'33.18."N 74°30'16.40" E	-	-	-
5	Muktsar	Langeana Drain Rd 0-50 B/s	PF	5	Degraded	30°36'08.88"N 74°33'14.42" E	30°36'33.18."N 74°36'15.98" E	-	-	-
8	Muktsar	Lower Doda Disty Rd 0-34 B/s	PF	5	Degraded	30°17'39.65"N 74°30'15.28" E	30°21'06.12."N 74°34'38.52" E	-	-	-
9	Muktsar	Uppar Rupana Minor Rd 0-68 B/s	PF	5	Degraded	30°28'38.28"N 74°44'23.93" E	30°28'30.61."N 74°39'56.59" E	-	-	-
10	Muktsar	Doda Disty Rd 34-89 B/S	PF	5	Degraded	30°26'17.63"N 74°44'09.27" E	30°24'44.78."N 74°41'41.36" E	0	0	0
Total of Muktsar Forest Range				30	Degraded					
11	Malout	Midda Sub Drain Rd 0-13.4 B/s	PF	5	Degraded	30°17'28.49"N 74°20'56.45" E	30°16'30.69" N 74°28'52.56" E	-	-	-
12	Malout	Pakki Station Yard	PF	-	Degraded	-	-	Km 52-53 6 ha	30°10'31.52"N 74°24'25.68" E	-
14	Malout	Kundal Minor Rd 4-45 B/s	PF	4	Degraded	30°15'25.010"N 30°14'35.832" N	74°17'10.225" E 74°16'20.102" E	-	-	-
15	Malout	Sarwan Bodla Link Drain 0-63.5 B/S	PF	10	Degraded	30°11'17.12"N 74°22'18.39"E	30°12'39.01"N 74°26'27.87"E	-	-	-
16	Malout	Enna Khera Link Drain RD 0-15.76 B/s	PF	8	Degraded	30°18'15.93"N 74°33'25.59"E	30°15'24.53"N 74°30'13.22"E	-	-	-

S.No.	Name of Range	Name of Forest/ Strip	Category of Forest (PF/RF)	2022-23 Detail of sites				2023-24 Details of site		
				Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Model of Proposed Plantation	Geo Coordinates of site (As per		Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Geo Coordinates of site (As per	
						Latitude	Longitude		Latitude	Longitude
17	Malout	Khunan Rud Kassi Rd 0-tail B/s	PF	5	Degraded	30°20'57.68"N 74°23'39.53" E	30°19'02.47"N 74°22'57.02" E	-	-	-
Total of Malout Forest Range				32	Degraded					
18	Lambi at Badal	Whabwala Drain Rd 16-150 B/s	PF	10	Degraded	30°05'54.641."N 74°39'87.787" E	30°08'23.993."N 74°35'05.616" E	-	-	-
19	Lambi at Badal	Phullu Khera Minor Rd 0-26 B/s	PF	5	Degraded	30°03'01.18."N 74°25'36.21" E	30°05'13.30."N 74°28'56.13" E	-	-	-
21	Lambi at Badal	Sarhind Feeder Rd 272-434.5 R/s	PF	10	Degraded	30°07'29.733."N 74°56'96.619" E	30°00'88.972."N 74°58'08.109" E	-	-	-
22	Lambi at Badal	Toe Drain along with Rajasthan Feeder Rd 330-378 L/s	PF	10	Degraded	30°21'55."N 74°35'44" E	30°11'23"N 74°36'04" E	-	-	-
23	Lambi at Badal	Sukhchain Disty Rd 0-95 B/s	PF	10	Degraded	30°04'52.88."N 74°22'33.12" E	30°06'06.15."N 74°26'17.32" E	-	-	-
Total of Lambi Forest Range				45	Degraded					
25	Abohar	Malookpur DistyBitury RD 0-193 R/S	PF	8	Degraded	30°03'30.04"N 29°59'52.71"N	74°06'43.57"E 73°55'24.62"E	-	-	-

S.No.	Name of Range	Name of Forest/ Strip	Category of Forest (PF/RF)	2022-23 Detail of sites				2023-24 Details of site		
				Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Model of Proposed Plantation	Geo Coordinates of site (As per		Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Geo Coordinates of site (As per	
						Latitude	Longitude		Latitude	Longitude
26	Abohar	Azamwala Minor RD 0-44 b/s	PF	8	Degraded	30°11'14.43"N 30°13'45.92"N	74°07'08.20"E 74°03'30.02"E	-	-	-
27	Abohar	Khuikhera Drain RD 35-63 L/S	PF	4	Degraded	30°17'59.83"N 30°19'11.01"N	74°03'42.34"E 74°05'51.70"E	-	-	-
28	Abohar	Bhabwala Drain RD 0-15 R/S	PF	3	Degraded	29°59'49.88"N 30°03'36.33"N	74°25'27.42"E 74°23'31.94"E	-	-	-
29	Abohar	Patti Sadik Link KM 0-30 B/S	PF	5	Degraded	30°01'35.02"N 29°59'29.13"N	74°08'23.52"E 74°03'33.60"E	Km 0-8 Bs 2 Ha	30°01'27.17"N 30°06'10.14"N	74°08'23.75"E 74°10'48.62"E
31	Abohar	WAZIDPUR LINK CHANNEL RD 0-25 B/S	PF	5	Degraded	30°11'41.64"N 30°14'56.61"N	74°13'32.79"E 74°11'52.80"E	-	-	-
32	Abohar	JANDWALA MINOR RD 0- 28 B/S	PF	5	Degraded	30°11'12.85"N 30°12'11.91"N	74°07'04.22"E 74°03'45.32"E	-	-	-
33	Abohar	Bathinda-Hindumal kot Railway Line RD 22-95.4 B/S	PF	25	Degraded	30°09'36.17"N 30°08'27.22"N	74°20'01.23"E 74°13'19.87"E	-	-	-
Total of Abohar Forest Range				63	Degraded					
34	FZK	State Disty Rd 0-25 B/S	PF	5	Degraded	30' 28' 41.12"N 30' 28' 38.14" N	74' 03' 17.22"E 74' 03' 18.58"E	-	-	-
35	FZK	Tarobari Disty Rd 0-72 B/S	PF	10	Degraded	30'33'16.73"N 30'31'01.97"N	74'17'31.16"E 74'08'19.89"E	-	-	-

S.No.	Name of Range	Name of Forest/ Strip	Category of Forest (PF/RF)	2022-23 Detail of sites				2023-24 Details of site		
				Proposed area for plantation under NPV (Ha reach from KM/RD to KM/RD, side)	Model of Proposed Plantation	Geo Coordinates of site (As per		Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Geo Coordinates of site (As per	
						Latitude	Longitude		Latitude	Longitude
36	FZK	Barkatwah Drain RD 0-125 B/S	PF	10	Degraded	30'33'54.11" 74'17'39.17"E	30'31'57.25"N 74'16'22.44"E	-	-	-
37	FZK	Jalalabad Mouzam Drain RD 0-30 B/S	PF	10	Degraded	30'28'37.66"N 74'05'00.31"E	30'29'58.13"N 74'01'35.00"E	-	-	-
38	FZK	Sabuna Disty/Bandh RD 15-76 B/S	PF	20	Degraded	30'14'30.23"N 74'00'16.28"E	30'22'58.11"N 73'56'05.04"E	-	-	-
39	FZK	Tarobari Drain Rd 0-99 B/S	PF	10	Degraded	30'32'25.05"N 74'15'16.56"E	30'31'25.39"N 74'09'56.60"E	-	-	-
Total of Fazilka Forest Range				65	Degraded			-		
Grand Total of Sri Muktsar Sahib Forest Division				235	Degraded			8		

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				2022-23 Details of sites				2023-24 Details of sites				
Sr.n o.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		Remarks	
						Longitude	Latitude			Longitude	Latitude	
1	Badla	Sahora Kandi	Panchayat Land	10	EP	31 56 02.09 N	75 44 31.86 E		-	-	-	
2	-//-	Hardo Neknama	Private Land Sec-4	10	EP	31 52 41.59 N	75 47 56.45 E	12	31 53 01.12 N	75 47 42.71 E		
3	-//-	Rampur Haler	Panchayat Land	10	EP	31 51 41.00 N	75 49 00.86 E	10	31 51 38.67 N	75 48 40.51 E		
4	-//-	Dadial	Panchayat Land	10	EP	31 50 43.92 N	75 48 38.99 E		-	-	-	
5	-//-	Sansarpur	Panchayat Land	10	EP	31 49 49.37 N	75 49 19.24 E	15	31 49 31.05 N	75 49 33.30 E		
6	-//-	Sanghwal	Panchayat Land	10	EP	31 50 28.97 N	75 49 06.05 E	15	31 50 43.36 N	75 49 05.84 E		
7	-//-	Aglour	Panchayat Land	10	EP	31 50 29.48 N	75 48 08.64 E					
8	-//-	Makowal	Panchayat Land	10	EP	31 49 16.57 N	75 49 22.45 E					
9	-//-	Badla	Panchayat Land Sec-4	-	EP			10	31 53 27.66 N	75 46 40.63 E		
10	-//-	Nandbir C-2	Reserve Forest	10	EP			10	31 55 09.67 N	75 45 33.05 E		
11	-//-	Nandbir C-4	Reserve Forest		EP			10	31 53 43.65 N	75 46 28.20 E		
12	-//-	Barian	Panchayat Land		EP			20	31 50 22.22 N	75 50 31.18 E		
			Sub Total	90	170			102				
13	Talwara-1	Labbar	Panchayat Land	20	EP	31 50 05.26 N	75 51 16.60 E		-	-	-	

				2022-23 Details of sites				2023-24 Details of sites				
Sr.no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		Remarks	
						Longitude	Latitude			Longitude	Latitude	
14	-//-	Chatterpur C-4	Protected Forest	20	EP	31 49 45.38 N	75 52 54.74 E		-	-	-	
15	-//-	Beh Nangal	Panchayat Land	5	EP	31 51 43.04 N	75 49 49.11 E		-	-	-	
16		Pohari	Sec-4	20	EP	31 50 18.27 N	75 50 50.96 E		-	-	-	
17		Rakri	Sec-4	20	EP	31 54 57.91 N	75 48 31.27 E		-	-	-	
18	-//-	Nathuwal	Panchayat Land	10	EP	31 54 45.28 N	75 48 42.96 E	15	31 54 44.34 N	75 49 01.23 E		
19	-//-	Bindraban C-7	Reserve Forest	10	EP	31 54 57.84 N	76 48 10.81 E		-	-	-	
20		Bindraban C-8	Reserve Forest	-	EP	-	-		31 54 40.06 N	75 48 04.76 E		
			Sub Total	105	180			15				
21	Talwara-2	Bhol badmania	Private Land Sec-4	10	EP	31 50 29.88 N	75 54 02.81 E	15	31 50 25.75 N	75 53 48.16 E		
22	-//-	Karanpur C-3 (a)	Reserve Forest	10	EP	31 56 26.66 N	75 51 25.33 E		-	-	-	
23	-//-	Kothi	Private Land Sec-4	10	EP	31 51 28.21 N	75 51 20.40 E		-	-	-	
25	-//-	Karanpur C-7	Reserve Forest	20	EP	31 55 15.10 N	75 50 25.31 E	25	31 55 02.19 N	75 50 35.24 E		
26	-//-	Karanpur C-4	Reserve Forest	10	EP	31 55 11.74 N	75 51 36.28 E		-	-	-	
27	-//-	Karanpur C-1 (a)	Reserve Forest	10	EP	31 56 34.10 N	75 50 07.93 E		-	-	-	
28	-//-	Karanpur C-1 (b)	Reserve Forest	5	EP	31 56 18.37 N	75 52 08.55 E		-	-	-	

				2022-23 Details of sites				2023-24 Details of sites				
Sr.n o.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		Remarks	
						Longitude	Latitude			Longitude	Latitude	
29	-//-	Tung	Panchayat Land	10	EP	31 51 04.82 N	75 52 01.24 E		-	-	-	
30	-//-	Chamuhi	Panchayat Land	10	EP	31 50 51.10 N	75 52 21.90 E		-	-	-	
31	-//-	Karanpur C-6	Reserve Forest	10	EP	31 54 30.11 N	75 51 03.11 E	35	31 54 16.87 N	75 51 17.05 E		
32	-//-	Heer Beh	Panchayat Land	-	EP	-	-		31 54 05.53 N	75 51 05.83 E		
33	-//-	Bhatoli	Panchayat Land	-	EP	-	-	15	31 49 04.81 N	75 57 22.19 E		
34	-//-	Bari	Panchayat Land	-	EP	-	-	15	31 53 44.38 N	75 51 46.63 E		
			Sub Total	105				105				
			Grand total	300				222				

Divisional Forest Officer,
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Hoshiarpur

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
1	Haryana	Janauri, 3 Parts (57 Ha + 5 Ha + 8 Ha Total 70 Ha)	PLPA	30	EP	31°43'31.97"N	75°55'28.92"E	60	31°43'7.52"N	75°54'37.86"E	Kml attached (2022-23 Polygon 60 Ha and 2023-24 Polygon 70 Ha.)
						31°43'25.30"N	75°55'28.28"E		31°43'18.63"N	75°55'8.09"E	
						31°43'25.73"N	75°55'24.58"E		31°43'22.39"N	75°55'29.64"E	
						31°43'23.17"N	75°55'18.09"E		31°42'56.55"N	75°55'27.99"E	
						31°43'21.30"N	75°55'16.76"E		31°42'46.10"N	75°55'9.55"E	
						31°43'25.09"N	75°55'29.28"E		31°42'51.09"N	75°55'0.59"E	
						31°43'23.09"N	75°55'29.71"E		31°43'2.03"N	75°55'16.21"E	
						31°43'18.74"N	75°54'47.60"E		31°43'7.97"N	75°55'10.20"E	
						31°43'7.60"N	75°54'37.29"E		-	-	
						31°43'12.86"N	75°54'32.01"E		-	-	
						31°43'33.32"N	75°54'53.10"E		-	-	
						31°43'36.02"N	75°55'2.91"E		-	-	
2	Haryana	Dandoh, 2 Parts (27 Ha + 3 Ha Total 30 Ha)	Panchayat Land	30	EP	31°41'46.97"N	75°54'28.52"E	45	31°41'44.97"N	75°54'25.62"E	Kml attached (2022-23 Polygon 60 Ha and 2023-24 Polygon 55 Ha.)
						31°41'43.56"N	75°54'34.34"E		31°41'54.52"N	75°54'16.72"E	
						31°41'59.69"N	75°55'2.24"E		31°42'6.12"N	75°54'14.79"E	
						31°41'45.80"N	75°55'2.43"E		31°42'14.53"N	75°54'31.09"E	
						31°41'34.61"N	75°54'42.76"E		31°42'15.21"N	75°54'53.51"E	
						31°41'26.82"N	75°54'15.21"E		31°42'0.18"N	75°55'1.47"E	
						31°41'40.98"N	75°54'7.16"E		75°54'55.26"E	75°54'55.26"E	
						31°41'44.23"N	75°54'25.68"E		31°42'5.90"N	75°54'39.13"E	
						-	-		31°42'3.49"N	75°54'27.41"E	
						-	-		31°41'47.57"N	75°54'28.45"E	

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
	SUB TOTAL			60				105			
3	Dholbaha	Dholbaha	PLPA	10	EP	31°45'26.00"N	75°53'42.60"E	30	31°45'42.96"N	75°53'58.31"E	Kml attached (2022-23 Polygon 23 Ha. & 2023-24 33 Ha)
						31°45'26.28"N	75°53'42.06"E		31°45'43.14"N	75°53'55.84"E	
						31°45'28.70"N	75°53'42.86"E		31°45'42.97"N	75°53'55.20"E	
						31°45'29.38"N	75°53'42.85"E		31°45'43.41"N	75°53'53.98"E	
						31°45'29.80"N	75°53'43.15"E		31°45'43.60"N	75°53'53.24"E	
						31°45'30.21"N	75°53'43.21"E		31°45'45.52"N	75°53'47.08"E	
						31°45'30.49"N	75°53'42.87"E		31°45'46.84"N	31°45'46.84"N	
						31°45'30.49"N	75°53'42.87"E		31°45'47.02"N	75°53'42.26"E	
						31°45'31.00"N	75°53'42.56"E		31°45'47.19"N	75°53'41.75"E	
						31°45'31.26"N	75°53'42.52"E		31°45'47.39"N	75°53'41.07"E	
						31°45'32.02"N	75°53'42.99"E		31°45'47.56"N	75°53'40.44"E	
						31°45'32.47"N	75°53'42.12"E		31°45'47.75"N	75°53'39.79"E	
						31°45'31.72"N	75°53'41.13"E		31°45'48.19"N	75°53'40.11"E	
						31°45'30.27"N	75°53'40.53"E		31°45'49.91"N	75°53'41.52"E	
						31°45'30.18"N	75°53'40.03"E		31°45'56.78"N	75°53'42.88"E	
						31°45'34.27"N	75°53'35.24"E		31°46'0.67"N	75°53'41.97"E	
						31°45'34.86"N	75°53'35.16"E		31°46'1.00"N	75°53'44.19"E	
						31°45'35.42"N	75°53'35.80"E		31°46'1.41"N	75°53'47.25"E	
						31°45'36.40"N	75°53'35.47"E		31°46'2.43"N	75°53'54.57"E	
						31°45'36.85"N	75°53'33.17"E		31°46'11.17"N	75°53'55.10"E	
						75°53'33.17"E	75°53'33.00"E	31°46'10.74"N	75°53'55.66"E		
						31°45'38.01"N	75°53'31.10"E	31°46'3.87"N	75°54'3.93"E		
						31°45'38.40"N	75°53'30.58"E	31°45'43.60"N	75°54'2.00"E		
						31°45'40.66"N	75°53'36.96"E	31°45'44.16"N	75°54'0.79"E		

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
						31°45'42.14"N	75°53'40.19"E		31°45'45.80"N	75°53'58.98"E	
						31°45'42.14"N	75°53'57.37"E		31°45'45.80"N	75°53'57.88"E	
						-	-		31°45'43.87"N	75°53'58.54"E	
4	Dholbaha	Bahera	Pvt Land under PLPA	0	EP	31°45'1.64"N	75°56'49.65"E	20	31°44'52.25"N	75°56'32.86"E	Kml attached (2022-23 Polygon 18 Ha. & 2023-24 Polygon 24 Ha.)
						31°45'7.79"N	75°56'45.11"E		31°44'52.13"N	75°56'31.72"E	
						31°45'14.47"N	75°56'46.34"E		31°44'53.33"N	75°56'30.48"E	
						31°45'15.40"N	75°57'4.94"E		31°44'53.34"N	75°56'28.23"E	
						31°45'11.61"N	75°56'59.60"E		31°44'59.09"N	75°56'26.49"E	
						31°45'7.08"N	75°56'59.91"E		31°45'5.57"N	75°56'27.12"E	
						31°45'4.42"N	75°56'56.64"E		31°45'13.44"N	75°56'33.83"E	
						31°45'4.39"N	75°56'54.52"E		31°45'14.42"N	75°56'46.26"E	
						31°45'1.67"N	75°56'51.16"E		31°45'7.74"N	75°56'45.06"E	
						31°45'18.29"N	75°56'48.65"E		31°45'1.66"N	75°56'49.57"E	
						31°45'19.06"N	75°57'1.96"E		31°45'2.03"N	75°56'42.31"E	
						-	-		31°44'58.35"N	75°56'38.92"E	
						-	-		31°44'55.35"N	75°56'34.24"E	
5	Dholbaha	Khangwari	PLPA	0	EP	-	-	5	31°46'41.16"N	75°51'47.09"E	
						-	-		31°46'47.87"N	75°51'39.88"E	
						-	-		31°46'48.76"N	75°51'41.68"E	
						-	-		31°46'51.90"N	75°51'48.96"E	
						-	-		31°46'51.69"N	75°51'53.50"E	
						-	-		31°46'49.85"N	75°51'51.64"E	
						-	-		31°46'49.15"N	75°51'52.99"E	
						-	-		31°46'48.77"N	75°51'54.40"E	
						-	-		31°46'48.37"N	75°51'55.35"E	
						-	-		31°46'46.58"N	75°51'54.43"E	

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
						-	-		31°46'42.70"N	75°51'51.72"E	
6	Dholbaha	Naroor	PLPA	0	EP	31°48'51.02"N	75°52'18.73"E	10	31°48'59.22"N	75°52'26.98"E	Kml attached 2022-23 Polygon 15 Ha. & 2023-24 Polygon 15 Ha.)
						31°48'55.47"N	75°52'5.05"E		31°49'5.30"N	75°52'21.20"E	
						31°49'0.27"N	75°52'8.12"E		31°49'5.66"N	75°52'15.67"E	
						31°49'2.92"N	75°52'11.23"E		31°49'7.84"N	75°52'13.60"E	
						31°49'3.40"N	75°52'16.55"E		31°49'8.71"N	75°52'13.46"E	
						31°49'4.19"N	75°52'17.31"E		31°49'9.97"N	75°52'12.11"E	
						31°49'5.63"N	75°52'15.70"E		31°49'10.48"N	75°52'11.97"E	
						31°49'5.27"N	75°52'21.18"E		31°49'10.84"N	75°52'13.03"E	
						31°48'59.18"N	75°52'26.96"E		31°49'10.49"N	75°52'15.51"E	
						-	-		31°49'10.54"N	75°52'16.60"E	
						-	-		31°49'11.31"N	75°52'16.92"E	
						-	-		31°49'12.42"N	75°52'16.85"E	
						-	-		31°49'13.15"N	75°52'18.93"E	
						-	-		31°49'12.62"N	75°52'20.54"E	
						-	-		31°49'12.92"N	75°52'22.76"E	
						-	-		31°49'14.85"N	75°52'25.26"E	
-	-	31°49'12.88"N	75°52'31.57"E								
-	-	31°49'4.79"N	75°52'35.15"E								
-	-	31°49'4.17"N	75°52'31.80"E								
7	Dholbaha	Thana	Panchayat Land	0	EP	31°47'30.22"N	75°53'49.00"E	15	31°47'41.88"N	75°52'51.45"E	Kml attached (2022-23 Polygon 21 &
						31°47'32.44"N	75°53'45.12"E		31°47'50.80"N	75°52'30.31"E	

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
			under PLPA			31°47'33.80"N	75°53'42.82"E		31°48'4.87"N	31°48'4.87"N	2023-24 Polygon 26 Ha.)
						31°47'35.14"N	75°53'40.50"E		31°48'0.38"N	75°53'1.94"E	
						31°47'36.51"N	75°53'38.18"E		31°47'54.25"N	75°52'57.46"E	
						31°47'39.21"N	75°53'33.57"E		31°47'49.11"N	75°52'53.70"E	
						31°47'39.80"N	75°53'33.73"E		-	-	
						31°47'47.25"N	75°53'35.78"E		-	-	
						31°47'48.66"N	75°53'36.12"E		-	-	
						31°47'51.17"N	75°53'36.83"E		-	-	
						31°47'51.78"N	75°53'34.67"E		-	-	
						31°47'53.36"N	75°53'37.08"E		-	-	
						31°47'53.40"N	75°53'38.44"E		-	-	
						31°47'53.40"N	75°53'43.31"E		-	-	
						31°47'49.93"N	75°53'47.40"E		-	-	
						31°47'43.06"N	75°53'49.66"E		-	-	
						31°47'41.65"N	75°53'48.78"E		-	-	
						31°47'39.86"N	75°53'48.56"E		-	-	
						31°47'37.86"N	75°53'47.02"E		-	-	
						31°47'36.24"N	75°53'48.36"E		-	-	
						31°47'35.43"N	75°53'50.83"E		-	-	
						31°47'31.78"N	75°53'52.45"E		-	-	
8	Dholbaha	Kukanet	PLPA	0	EP	31°46'37.45"N	75°55'6.72"E	15	31°46'39.28"N	75°55'13.15"E	Kml attached (2022-23 Polygon 17 Ha. & 2023-24 Polgon 22 Ha.)
						31°46'36.10"N	75°55'5.59"E		31°46'40.01"N	75°55'12.25"E	
						75°55'5.59"E	75°55'2.98"E		31°46'46.04"N	75°55'14.47"E	
						31°46'35.54"N	75°54'59.43"E		31°46'51.92"N	75°55'10.46"E	
						31°46'36.79"N	75°54'57.86"E		31°46'53.39"N	75°55'2.10"E	
						31°46'38.87"N	75°54'56.61"E		31°46'58.35"N	75°55'3.69"E	

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
						31°46'40.47"N	75°54'54.95"E		31°46'58.27"N	75°55'4.21"E	
						75°54'54.95"E	75°54'55.41"E		31°46'57.67"N	75°55'4.63"E	
						31°46'42.12"N	75°54'55.36"E		31°46'57.74"N	75°55'5.49"E	
						31°46'45.94"N	75°54'57.50"E		31°46'57.71"N	75°55'6.91"E	
						31°46'47.35"N	75°54'59.84"E		31°46'57.13"N	75°55'7.34"E	
						31°46'51.52"N	75°55'1.90"E		31°46'56.56"N	75°55'8.44"E	
						31°46'53.25"N	75°55'2.06"E		31°46'57.69"N	75°55'10.16"E	
						31°46'51.87"N	75°55'10.41"E		31°46'58.81"N	75°55'10.23"E	
						31°46'46.05"N	75°55'14.43"E		31°46'58.83"N	75°55'11.45"E	
						31°46'40.05"N	75°55'12.20"E		31°46'59.10"N	75°55'12.92"E	
						31°46'42.24"N	75°55'8.65"E		31°47'5.17"N	75°55'14.47"E	
						31°46'41.40"N	75°55'4.96"E		31°47'6.14"N	75°55'25.36"E	
						-	-		31°46'59.21"N	75°55'28.74"E	
						-	-		31°46'52.96"N	75°55'19.48"E	
						-	-		31°46'49.02"N	75°55'20.40"E	
						-	-		31°46'47.40"N	75°55'19.39"E	
						-	-		31°46'46.87"N	75°55'15.88"E	
						-	-		31°46'46.31"N	75°55'15.15"E	
						-	-		31°46'45.33"N	75°55'14.96"E	
						-	-		31°46'44.76"N	75°55'15.62"E	
						-	-		31°46'43.23"N	75°55'15.92"E	
						-	-		31°46'42.74"N	75°55'14.82"E	
						-	-		31°46'41.94"N	75°55'15.06"E	
						-	-		31°46'41.21"N	75°55'15.81"E	
						-	-		31°46'40.00"N	75°55'14.90"E	
9	Dholbaha	Lower Dehiran	PF	0	EP	-	-	20	31°47'49.37"N	75°54'30.71"E	Kml attached (2023-

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
						-	-		31°48'3.27"N	75°54'10.42"E	24 Polygon 38)
						-	-		31°48'25.74"N	75°54'21.76"E	
						-	-		31°48'20.16"N	75°54'33.46"E	
						-	-		31°48'13.38"N	75°54'23.36"E	
						-	-		31°48'5.71"N	75°54'33.72"E	
						-	-				
10	Dholbaha	Upper Dehiran	PF	0	EP	-	-	10	31°48'19.52"N	75°54'49.19"E	Kml attached (2023-24 Polygon 14 Ha.)
						-	-		31°48'19.70"N	75°54'43.15"E	
						-	-		31°48'28.47"N	75°54'50.35"E	
						-	-		31°48'38.16"N	75°54'51.56"E	
						-	-		31°48'41.54"N	75°54'54.66"E	
						-	-		31°48'37.45"N	75°55'4.13"E	
						-	-		31°48'29.96"N	75°55'3.77"E	
						-	-		31°48'28.13"N	75°54'59.90"E	
						-	-		31°48'26.21"N	75°55'2.12"E	
						-	-		31°48'28.45"N	75°54'50.91"E	
11		Baruhi	Panchyat Pvt.Land &PF	0	EP	-	-	5	31°48'26.93"N	75°50'13.00"E	Kml attached 2023-24 Polygon 10 Ha.)
						-	-		31°48'27.17"N	75°50'10.64"E	
						-	-		31°48'27.70"N	75°50'9.42"E	
						-	-		31°48'28.01"N	75°50'10.25"E	
						-	-		31°48'28.40"N	75°50'10.14"E	
						-	-		31°48'28.14"N	75°50'8.86"E	
						-	-		31°48'29.56"N	75°50'8.34"E	
						-	-		31°48'30.03"N	75°50'7.85"E	

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
									31°48'32.75"N	75°50'4.85"E	
									31°48'35.78"N	75°50'5.56"E	
									31°48'37.48"N	75°50'5.92"E	
									31°48'38.97"N	75°50'8.72"E	
									31°48'38.52"N	75°50'11.43"E	
									31°48'38.09"N	75°50'14.21"E	
									31°48'36.12"N	75°50'16.72"E	
									31°48'32.01"N	75°50'18.64"E	
									31°48'29.81"N	75°50'17.63"E	
									31°48'28.14"N	75°50'18.65"E	
									31°48'27.21"N	75°50'18.65"E	
									31°48'26.87"N	75°50'18.21"E	
									31°48'26.53"N	75°50'17.80"E	
									31°48'26.00"N	75°50'17.92"E	
									31°48'26.39"N	75°50'17.40"E	
									31°48'26.53"N	75°50'16.64"E	
									31°48'27.46"N	75°50'13.63"E	
12		Ramtatwali	PF	0	EP	-	-	10	31°46'3.29"N	75°53'36.86"E	Kml attached 2023-24 Polygon 7 Ha.)
						-	-		31°46'4.95"N	75°53'34.57"E	
						-	-		31°46'5.84"N	75°53'33.42"E	
						-	-		31°46'7.49"N	75°53'31.14"E	
						-	-		31°46'19.54"N	75°53'38.36"E	
						-	-		31°46'24.21"N	75°53'41.13"E	
						-	-		31°46'21.28"N	75°53'44.63"E	
						-	-		31°46'20.83"N	75°53'45.12"E	
						-	-		31°46'20.01"N	75°53'46.11"E	

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
						-	-		31°46'18.73"N	75°53'47.62"E	
						-	-		31°46'9.23"N	75°53'44.22"E	
SUB TOTAL				10				140			
13	Mahilpur	Bichhohi	PLPA	30	EP	31°28'15.84"N	76° 5'47.16"E	25	31°28'34.09"N	76° 5'43.54"E	Kml attached (2022-23 Polygon 38 Ha and 2023-24 polygon 32 Ha)
						31°28'34.07"N	76° 5'43.40"E		31°28'53.30"N	76° 5'42.89"E	
						31°28'40.42"N	76° 6'1.70"E		31°29'2.04"N	76° 6'5.45"E	
						31°28'50.69"N	76° 6'3.74"E		31°28'40.65"N	76° 6'1.70"E	
						31°28'45.59"N	76° 6'10.43"E		31°28'38.72"N	76° 5'55.67"E	
						31°28'26.94"N	76° 6'11.28"E		-	-	
						31°28'23.95"N	76° 6'4.84"E		-	-	
						31°28'28.01"N	76° 6'0.45"E		-	-	
14	Mahilpur	Kangar	Panchayat Land under PLPA	15	EP	31°24'5.05"N	76° 6'26.04"E	10	31°24'31.26"N	76° 6'28.46"E	Kml attached (2022-23 Polygon 18 Ha and 2023-24 polygon 13 Ha)
						31°24'12.77"N	76° 6'39.77"E		31°24'36.60"N	76° 6'47.48"E	
						31°24'18.52"N	76° 6'35.28"E		31°24'32.36"N	76° 6'56.46"E	
						31°24'21.09"N	76° 6'46.17"E		31°24'23.29"N	76° 6'45.68"E	
						31°24'11.62"N	76° 6'51.11"E		31°24'26.28"N	76° 6'43.96"E	
						31°24'5.51"N	76° 6'50.03"E		31°24'29.49"N	76° 6'36.11"E	
						31°24'4.31"N	76° 6'27.78"E				
						-	-				
15	Mahilpur	Kothi	Panchayat Land under PLPA	10	EP	31°24'6.83"N	76° 7'11.45"E	8	31°24'14.84"N	76° 7'20.42"E	Kml attached (2022-23 Polygon 13 Ha and 2023-24 polygon 13 Ha)
						31°24'11.14"N	76° 7'5.06"E		31°24'18.08"N	76° 7'18.66"E	
						31°24'25.63"N	76° 7'12.05"E		31°24'23.50"N	76° 7'15.50"E	
						31°24'17.86"N	76° 7'18.46"E		31°24'29.74"N	76° 7'26.79"E	

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
						31°24'14.54"N	76° 7'20.38"E		31°24'26.48"N	76° 7'32.38"E	
						31°24'11.08"N	76° 7'19.14"E		31°24'19.01"N	76° 7'32.31"E	
16	Mahilpur	Maili	Panchayat Land under PLPA	20	EP	31°25'10.52"N	76° 6'3.44"E	12	31°25'9.96"N	76° 6'32.64"E	Kml attached (2022-23 Polygon 33 Ha and 2023-24 polygon 20 Ha)
						31°25'22.88"N	76° 5'49.49"E		31°25'24.82"N	76° 6'29.86"E	
						31°25'27.23"N	76° 5'56.77"E		31°25'23.05"N	76° 6'32.66"E	
						31°25'19.94"N	76° 6'13.33"E		31°25'20.17"N	76° 6'32.60"E	
						31°25'20.25"N	76° 6'20.46"E		31°25'22.27"N	76° 6'34.16"E	
						31°25'17.21"N	76° 6'20.74"E		31°25'22.58"N	76° 6'38.68"E	
						31°25'17.82"N	76° 6'23.64"E		31°25'24.16"N	76° 6'36.83"E	
						31°25'19.68"N	76° 6'23.44"E		31°25'27.65"N	76° 6'41.25"E	
						31°25'23.42"N	76° 6'30.01"E		31°25'20.33"N	76° 6'46.56"E	
						31°25'9.45"N	76° 6'32.54"E		31°25'18.99"N	76° 6'52.01"E	
						31°25'8.70"N	76° 6'27.23"E		31°25'7.60"N	76° 6'50.28"E	
						31°25'8.17"N	76° 6'25.17"E		31°25'11.76"N	76° 6'40.64"E	
						31°25'7.67"N	76° 6'23.21"E				
						31°25'17.27"N	76° 6'6.83"E				
17	Mahilpur	Lalwan	Panchayat Land under PLPA	15	EP	31°23'41.30"N	76° 9'0.57"E	15	31°23'59.83"N	76° 9'11.56"E	
						31°24'0.57"N	76° 9'8.05"E		31°24'22.51"N	76° 9'18.41"E	
						31°23'56.39"N	76° 9'24.27"E		31°24'17.33"N	76° 9'31.15"E	
						31°23'36.87"N	76° 9'11.54"E		31°23'56.56"N	76° 9'24.35"E	
						-	-		-	-	
						-	-		-	-	

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
						-	-		-	-	
18	Mahilpur	Soona	Panchayat Land under PLPA	15	EP	31°27'1.37"N	76° 6'2.15"E	10	31°26'47.62"N	76° 5'34.76"E	Kml attached (2022-23 Polygon 30 Ha and 2023-24 polygon 16 Ha)
						31°26'50.98"N	76° 6'3.43"E		31°26'55.60"N	76° 5'36.40"E	
						31°26'53.47"N	76° 5'48.64"E		31°26'51.33"N	76° 5'59.44"E	
						31°26'55.80"N	76° 5'36.37"E		31°26'43.16"N	76° 5'54.88"E	
						31°26'58.99"N	76° 5'38.47"E		31°26'44.19"N	76° 5'46.92"E	
						31°27'4.52"N	76° 5'37.74"E		-	-	
						31°27'7.34"N	76° 5'34.89"E		-	-	
						31°27'11.69"N	76° 5'35.43"E		-	-	
						31°27'8.18"N	76° 5'49.78"E		-	-	
19	Mahilpur	Fatehpur	Panchayat Land under PLPA	10	EP	31°23'45.62"N	76° 6'28.15"E	10	31°24'3.87"N	76° 6'27.78"E	Kml attached (2022-23 Polygon 17 Ha and 2023-24 polygon 17 Ha)
						31°23'48.28"N	76° 6'28.45"E		31°24'5.38"N	76° 6'50.54"E	
						31°23'54.27"N	76° 6'25.05"E		31°24'2.44"N	76° 6'52.17"E	
						31°23'53.72"N	76° 6'21.31"E		31°23'59.31"N	76° 6'50.65"E	
						31°23'58.94"N	76° 6'19.35"E		31°23'59.26"N	76° 6'46.54"E	
						31°24'3.35"N	76° 6'20.52"E		31°23'53.88"N	76° 6'44.73"E	
						31°24'6.24"N	76° 6'24.20"E		31°23'50.31"N	76° 6'41.57"E	

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
						31°24'3.99"N	76° 6'27.70"E		31°23'53.73"N	76° 6'35.13"E	
						31°23'56.64"N	76° 6'31.01"E		-	-	
						31°23'49.97"N	76° 6'40.13"E		-	-	
						31°23'49.10"N	76° 6'39.18"E		-	-	
						31°23'48.16"N	76° 6'40.19"E		-	-	
						31°23'45.57"N	76° 6'37.88"E		-	-	
						31°23'47.07"N	76° 6'36.96"E		-	-	
						31°23'46.28"N	76° 6'34.29"E		-	-	
						31°23'45.00"N	76° 6'34.58"E		-	-	
	SUB TOTAL			115				90			
20	Hoshiarpur	Nara	PF	0	EP	-	-	10	31°32'27.21"N	76° 1'19.63"E	Kml attached (2023-24 Polygon 22)
						-	-		31°32'37.64"N	76° 1'10.90"E	
						-	-		31°32'39.79"N	76° 1'11.47"E	
						-	-		31°32'37.22"N	76° 1'22.25"E	
						-	-		31°32'39.04"N	76° 1'33.19"E	
21	Hoshiarpur	Dada-2 (2021-22) & Dada-1 (2022-23)	PF	0	EP	31°34'10.94"N	75°59'37.26"E	20	31°34'7.83"N	75°59'21.45"E	Kml attached (2022-23 Polygon 23 Ha) & KML Attached (2023-24 Polygon 24 Ha.)
						31°34'24.88"N	75°59'42.33"E		31°34'8.50"N	75°59'21.32"E	
						31°34'39.48"N	76° 0'18.07"E		31°34'10.03"N	75°59'21.79"E	
						31°34'34.01"N	76° 0'4.98"E		31°34'27.14"N	75°59'23.22"E	
						-	-		31°34'33.74"N	75°59'33.76"E	
						-	-		31°34'24.46"N	75°59'39.74"E	
						-	-				

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
22	Hoshiarpur	Dallewal	PF	0	EP	31°31'24.75"N	76° 2'28.05"E	10	31°31'30.97"N	76° 2'38.35"E	Kml attached (2022-23 (Polygon 12 Ha & 2023-24 Polygon 12 ha)
						31°31'32.61"N	76° 2'13.31"E		31°31'27.04"N	76° 2'34.35"E	
						31°31'39.46"N	76° 2'13.55"E		31°31'27.59"N	76° 2'31.49"E	
						31°31'38.97"N	76° 2'29.92"E		31°31'27.72"N	76° 2'16.93"E	
									31°31'33.96"N	76° 2'16.24"E	
23	Hoshiarpur	Jahan Khelan	PF	0	EP	31°31'44.74"N	75°59'50.41"E	--	-	-	Kml attached (2022-23 Polygon 11 ha)
						31°31'47.92"N	75°59'50.64"E		-	-	
						31°31'52.93"N	76° 0'0.81"E		-	-	
						31°31'50.97"N	76° 0'14.92"E		-	-	
						31°31'45.10"N	76° 0'17.95"E		-	-	
						31°31'44.17"N	76° 0'16.95"E		-	-	
						31°31'39.45"N	76° 0'2.47"E		-	-	
24	Hoshiarpur	Satial	PF	0	EP	31°32'40.569"N	76°1'12.61128"E	--	-	-	Kml attached (2022-23 Polygon 11 ha)
						-	-		-	-	
						-	-		-	-	
25	Hoshiarpur	Chak Sadhu	PF	5	EP	31°28'53.87"N	76° 3'17.99"E	15	31°29'17.78"N	76° 3'31.13"E	Kml attached (2022-23 Polygon 11 Ha and 2023-24 Polygon 16 Ha)
						31°29'2.32"N	76° 3'20.65"E		31°29'18.56"N	76° 3'41.53"E	
						31°29'0.73"N	76° 3'26.94"E		31°29'1.46"N	76° 3'34.19"E	
						31°29'9.75"N	76° 3'32.03"E		31°28'59.44"N	76° 3'41.43"E	
						31°29'10.01"N	76° 3'33.97"E		31°28'54.94"N	76° 3'21.26"E	
						31°29'7.98"N	76° 3'41.32"E		31°29'9.60"N	76° 3'31.99"E	

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks	
						Longitude	Letitude		Longitude	Latitude		
1	4	5	6	10	11	12	13	14	16	17	18	
26	Hoshiarpur	Nari	PLPA	0	EP	31°37'36.13"N	75°58'57.51"E	10	31°37'51.68"N	75°58'47.13"E	Kml attached (2022-23 Polygon 13 Ha and 2023-24 Polygon 14 Ha)	
						31°37'34.06"N	75°58'48.75"E			31°37'55.26"N		75°59'5.39"E
						31°37'45.79"N	75°58'42.21"E			31°37'51.64"N		75°59'8.20"E
						31°38'6.13"N	75°58'47.95"E			31°37'45.02"N		75°59'7.05"E
						31°38'8.55"N	75°58'51.87"E			31°37'41.64"N		75°58'53.93"E
27	Hoshiarpur	PattiPF	PF	5	EP	31°26'58.38"N	75°55'31.44"E	0	-	-	Kml attached (2022-23 Polygon 6 Ha)	
						31°26'48.74"N	75°55'23.42"E					
						31°26'50.39"N	75°55'12.26"E					
						31°26'53.56"N	75°55'12.91"E					
SUB TOTAL				10				65				
28	Mehngrowal	Patiari	PF	10	EP	31°40'46.33"N	75°55'30.33"E	10	31°40'44.98"N	75°54'58.96"E	Kml attached (2022-23 Polygon 11 Ha and 2023-24 Polygon 12 Ha)	
						31°41'2.32"N	75°55'41.19"E			31°40'41.41"N		75°55'3.70"E
						31°40'58.45"N	75°55'47.13"E			31°40'41.81"N		75°55'6.80"E
						31°40'50.89"N	75°55'47.67"E			31°40'34.05"N		75°55'6.30"E
						31°40'42.01"N	75°55'37.65"E			31°40'31.93"N		75°55'4.13"E
						-	-			31°40'31.76"N		75°55'2.66"E
						-	-			-		-
						-	-			-		-
29	Mehngrow	Rehmapur	Panchayat	0	EP	31°39'59.78"N	75°53'3.93"E	20	31°39'44.05"N	75°54'49.39"E	Kml attached (2022-	

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
	al		Land under PLPA			31°39'58.69"N	75°55'26.3"E		31°39'43.02"N	75°54'40.44"E	23 Polygon 30 Ha)
						31°39'41.73"N	75°55'18.48"E		31°39'48.76"N	75°54'34.72"E	
						31°39'53.12"N	75°52'10.99"E		31°39'48.72"N	75°54'32.62"E	
						-	-		31°39'53.43"N	75°54'27.15"E	
						-	-		31°40'5.22"N	75°54'44.72"E	
						-	-		31°39'56.51"N	75°54'56.31"E	
						-	-		31°39'48.29"N	75°54'54.98"E	
						-	-		31°39'44.31"N	75°54'50.41"E	
30	Mehngrow al	Patial	PLPA 15 Ha	15	EP	31°43'3.49"N	75°57'49.24"E	20	31°42'54.99"N	75°57'56.26"E	Kml attached (2021-22 Polygon 15 Ha and 2022-23 Polygon 50 Ha)
						31°43'5.88"N	75°57'42.76"E		31°42'56.40"N	75°57'55.16"E	
						31°43'4.94"N	75°57'41.69"E		31°42'59.87"N	75°57'53.94"E	
						31°43'7.58"N	75°57'42.77"E		31°43'0.34"N	75°57'50.19"E	
						31°43'7.97"N	75°57'43.51"E		31°43'3.08"N	75°57'49.23"E	
						31°43'8.58"N	75°57'45.36"E		31°43'8.32"N	75°57'59.04"E	
						31°43'10.63"N	75°57'43.67"E		31°43'14.10"N	75°58'2.80"E	
						31°43'11.87"N	75°57'43.96"E		31°43'22.55"N	75°58'3.60"E	
						31°43'13.25"N	75°57'46.70"E		31°43'22.12"N	75°58'7.45"E	
						31°43'12.84"N	75°57'48.86"E		31°43'23.03"N	75°58'8.55"E	
						31°43'14.07"N	75°57'51.16"E		31°43'14.81"N	75°58'12.01"E	
						31°43'17.54"N	75°57'52.60"E		31°43'8.58"N	75°58'15.18"E	
						31°43'19.08"N	75°57'52.10"E		31°42'58.27"N	75°58'11.75"E	
						31°43'17.55"N	75°57'52.61"E		31°42'58.02"N	75°58'10.97"E	

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
						31°43'19.02"N	75°57'52.16"E		31°42'57.63"N	75°58'9.57"E	
						31°43'19.84"N	75°57'54.74"E		31°42'56.38"N	75°58'3.68"E	
						31°43'22.44"N	75°57'57.69"E		-	-	
						31°43'22.04"N	75°58'0.19"E		-	-	
						31°43'22.48"N	75°58'3.38"E		-	-	
						31°43'14.16"N	75°58'2.65"E		-	-	
						31°43'8.58"N	75°57'59.04"E		-	-	
31	Mehngrowal	Malout	PLPA	15	EP	31°40'35.53"N	75°56'59.15"E	30	31°40'23.25" N	75°56'11.76"E	Kml Attached (2022-23 Polgon 18 Ha. & 2023-24 Polugon 34 Ha.
						31°40'41.89"N	75°56'57.73"E		31°40'30.24"N	75°56'6.47"E	
						31°40'41.88"N	75°56'57.15"E		31°40'32.93"N	75°56'8.56"E	
						31°40'38.40"N	75°56'51.44"E		31°40'34.10"N	75°56'9.06"E	
						31°40'44.50"N	75°56'50.45"E		31°40'35.10"N	75°56'9.52"E	
						31°40'46.01"N	75°56'45.29"E		31°40'36.09"N	75°56'11.37"E	
						31°40'48.35"N	75°56'44.94"E		31°40'39.33"N	75°56'16.46"E	
						31°40'48.95"N	75°56'49.31"E		31°40'39.86"N	75°56'16.98"E	
						31°40'49.10"N	75°56'50.82"E		31°40'40.34"N	75°56'17.45"E	
						31°40'49.79"N	75°56'58.31"E		31°40'41.23"N	75°56'18.35"E	
						31°40'49.25"N	75°56'59.55"E		31°40'42.04"N	75°56'19.28"E	
						31°40'48.77"N	75°57'0.83"E		31°40'43.54"N	75°56'20.68"E	
						31°40'45.37"N	75°57'8.59"E		31°40'43.71"N	75°56'22.10"E	
						31°40'33.30"N	75°57'8.28"E		31°40'43.87"N	75°56'23.47"E	
						-	-		31°40'44.52"N	75°56'27.76"E	
						-	-		31°40'41.50"N	75°56'41.35"E	
						-	-		31°40'37.85"N	75°56'39.13"E	
						-	-		31°40'24.54"N	75°56'30.98"E	

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
						-	-		31°40'26.19"N	75°56'26.68"E	
						-	-		31°40'27.23"N	75°56'25.94"E	
						-	-		31°40'30.11"N	75°56'25.76"E	
						-	-		31°40'32.46"N	75°56'27.44"E	
						-	-		31°40'31.83"N	75°56'22.37"E	
						-	-		31°40'29.26"N	75°56'21.43"E	
						-	-		31°40'27.28"N	75°56'22.48"E	
32	Mehngrowal	Mehngrowal	Pvt Land and Panchayat Land under PLPA	10	EP	31°39'32.56"N	75°58'16.47"E	20	31°39'49.77"N	75°58'29.18"E	Kmi attached (2022-23 Polygon 18 Ha and 2023-24 Polygon 32 Ha)
						31°39'30.51"N	75°58'2.84"E		31°40'0.23"N	75°58'30.87"E	
						31°39'40.10"N	75°58'1.92"E		31°39'57.94"N	75°58'46.04"E	
						31°39'46.05"N	75°58'3.74"E		31°39'51.75"N	75°58'53.23"E	
						31°39'50.02"N	75°57'55.32"E		31°39'42.97"N	75°58'51.43"E	
						31°39'53.31"N	75°57'59.05"E		31°39'38.72"N	75°58'41.90"E	
						31°39'55.41"N	75°58'26.99"E		31°39'39.84"N	75°58'37.53"E	
						31°39'52.42"N	75°58'31.67"E		31°39'36.04"N	75°58'34.68"E	
						31°39'49.23"N	75°58'17.70"E		31°40'0.23"N	75°58'30.87"E	
33	Mehngrowal	Arniala Shahpur	PLPA	10	EP	31°37'25.77"N	75°57'5.54"E	20	31°37 3.19"N	75°56'54.71"E	Kmi attached (2022-23 Polygon 15 Ha and 2023-24 Polygon 27 Ha)
						31°37'31.10"N	75°57'12.58"E		31°37 2.70"N	75°56'57.92"E	
						31°37'34.38"N	75°57'31.82"E		31°37 5.85"N	75°57'0.73"E	
						31°37'32.78"N	75°57'35.22"E		31°37 8.24"N	75°57'3.44"E	
						31°37'30.14"N	75°57'32.13"E		31°37 7.02"N	75°57'6.19"E	
						31°37'20.07"N	75°57'26.03"E		31°37 6.31"N	75°57'8.47"E	
						31°37'18.40"N	75°57'11.77"E		31°37 4.91"N	75°57'9.37"E	

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
						-	-		31°37'2.93"N	75°57'7.86"E	
						-	-		31°37'1.40"N	75°57'7.05"E	
						-	-		31°37'0.21"N	75°57'9.57"E	
						-	-		31°36'57.68"N	75°57'11.63"E	
						-	-		31°36'54.31"N	75°57'10.05"E	
						-	-		31°36'54.54"N	75°57'7.90"E	
						-	-		31°36'49.69"N	75°57'6.64"E	
						-	-		31°36'47.64"N	75°57'2.86"E	
						-	-		31°36'48.05"N	75°56'56.46"E	
						-	-		31°36'50.59"N	75°56'51.47"E	
						-	-		31°36'56.12"N	75°56'48.99"E	
						-	-		31°36'59.89"N	75°56'56.75"E	
34	Mehngrowal	Kapahat	Pvt & Panchayat Land under PLPA	15	EP	31°38'27.66"N	75°57'26.58"E	30	31°38'40.05"N	75°57'51.82"E	Kml attached (2022-23 Polygon 18 Ha and 2023-24 Polygon 33 Ha)
						31°38'24.58"N	75°57'38.42"E		31°38'42.89"N	75°58'20.81"E	
						31°38'27.44"N	75°57'41.79"E		31°38'22.02"N	75°58'13.13"E	
						31°38'25.78"N	75°57'48.33"E		31°38'24.48"N	75°57'57.84"E	
						31°38'22.62"N	75°57'49.01"E		31°38'28.39"N	75°57'55.91"E	
						31°38'11.45"N	75°57'42.03"E		-	-	
						31°38'10.20"N	75°57'27.42"E		-	-	
36	Mehngrowal	Atwarapur	Pvt Land under PLPA	10	EP	31°40'48.42"N	75°53'57.34"E	15	31°40'37.58"N	75°54'32.78"E	Kml attached (2022-23 Polygon 20 Ha and 2022-23 Polygon 25 Ha)
						31°40'51.90"N	75°53'51.37"E		31°40'42.34"N	75°54'23.98"E	
						31°40'59.68"N	75°53'53.97"E		31°40'46.41"N	75°54'29.18"E	
						31°41'2.03"N	75°53'59.33"E		31°40'52.56"N	75°54'25.46"E	
						31°41'0.11"N	75°54'6.73"E		31°40'55.72"N	75°54'28.80"E	
						31°40'57.14"N	75°54'6.94"E		31°40'56.88"N	75°54'42.29"E	

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18
						31°40'55.53"N	75°54'11.20"E		31°41'1.68"N	75°54'44.46"E	
						-	-		31°40'57.34"N	75°54'55.32"E	
						-	-		31°40'52.18"N	75°54'52.58"E	
						-	-		31°40'56.67"N	75°54'46.61"E	
						-	-		31°40'43.27"N	75°54'39.10"E	
						-	-				
37		Mehgrowal/Lambi	Pvt Land	10	EP	31°39'34.94"N	75°58'54.21"E	30	31°39'51.27"N	75°59'5.91"E	
						31°39'38.26"N	75°58'57.47"E		31°39'53.96"N	75°59'7.69"E	
						31°39'43.63"N	75°58'57.82"E		31°39'52.00"N	75°59'8.77"E	
						31°39'44.75"N	75°58'55.45"E		31°39'52.98"N	75°59'24.61"E	
						31°39'46.52"N	75°59'0.01"E		31°39'48.82"N	75°59'27.45"E	
						31°39'50.44"N	75°59'2.80"E		31°39'47.20"N	75°59'30.47"E	
						-	-		31°39'38.83"N	75°59'34.67"E	
						-	-		31°39'34.03"N	75°59'27.95"E	
						-	-		31°39'34.32"N	75°59'20.69"E	
						-	-		31°39'32.16"N	75°59'18.66"E	
						-	-		31°39'33.64"N	75°59'18.12"E	
						-	-		31°39'34.60"N	75°59'13.77"E	
						-	-		31°39'33.37"N	75°59'12.09"E	
						-	-		31°39'40.32"N	75°59'5.74"E	
						-	-		31°39'32.63"N	75°58'57.76"E	
38		Kort	PLPA	10	EP	-	-		-	-	
	SUB TOTAL			105				195			
	G.Total			300				595			

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV 2022-23 (Ha. Reach form Km/Rd to	Model of proposed Plantation 2022-23 (Ha)	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed Area for Plantation under NPV 2023-24(Ha. Reach form Km/Rd to	Geo-coordinates of site (as per DGPS Map of the site) 2023-24		Remarks
						Longitude	Letitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	16	17	18

Divisional Forest Officer,
Hoshiarpur.

Proposed Plantation in Campa for 2022-23

Performa for the details of sites for Proposed Plantation for Enrichment

Sr. no.	Name of Division	Name of watershed/ sub-watershed	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Total Area of the Forest/Strip (Ha. / km)	Total Plantable area in Forest/Strip (Ha.)	Plantation already done under various schemes (Ha.) (Name of Scheme & year) in last five years .	Proposed area for plantation under NPV (Ha.)	Gone over area of KML file	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS)		Proposed area for plantation under NPV (Ha.)	Gone over area of KML file
												Longitude	Latitude		
Pun Campa Enrichment															
1	Nawanshahr	Rail Majra Choe C5b	Kathgarh	Rail Majra	Private & Panchayat Land Sec.4&5	957	410	EP=15 Ha./2021-22, EP=15 Ha./2020-21, EP=10 Ha./2019-20 GIM 2500 plants TypeC/ 2017-18 =9ha	15	24	Enrichment Plantation	31° 0'35.14"N	76°28'14.57"E	20	25
2	Nawanshahr	Bana Tonsa C5c	Kathgarh	Bana	Private & Panchayat Land Sec.4&5	487	300	EP=20 Ha./2021-22, EP=20 Ha./2020-21, EP=10 Ha./2019-20 CA=7.5 & 8 ha/2018-19 CA=29.8042 ha/2018-19 Deg=7 Ha./2016-17 Deg.=5Ha./2017-18 GIM=20 Ha./1100plants TypeB/2017-18	15	30.4	Enrichment Plantation	31° 1'55.20"N	76°27'16.81"E	20	27.7
3	Nawanshahr	Bana Tonsa C5c	Kathgarh	Tonsa	Private & Panchayat Land Sec.4&5	1218	400	EP=10 Ha./2021-22, EP=10 Ha./2019-20 GIM (Type-B=15 Ha./2017-18 EP=14 Ha./2015-16	10	22.7	Enrichment Plantation	31° 1'1.40"N	76°27'51.13"E	20	25
4	Nawanshahr	Paniali Kalan-Bhalla C5e	Kathgarh	Baggowal	Private & Panchayat Land Sec.4&5	102	40	EP=10 Ha./2021-22, EP=15 Ha./2020-21, EP=10 Ha./2019-20 GIM=15 Ha./1100plants TypeB/2016-17 GIM=18 Ha./1100plants TypeB/2017-18	10	23.9	Enrichment Plantation	31° 2'48.92"N	76°25'36.03"E	20	25
5	Nawanshahr	Paniali Kalan-Bhalla C5e	Kathgarh	Gollu Majra	Private & Panchayat Land Sec.4&5				15	25	Enrichment Plantation	31° 3'46.14"N	76°26'8.39"E	20	25
6	Nawanshahr	Paniali Kalan-Bhalla C5e	Kathgarh	Majra Jattan	Private & Panchayat Land Sec.4&5	412	270	EP=20 Ha./2021-22, EP=20 Ha./2020-21,	10	23.8	Enrichment Plantation	31° 2'43.62"N	76°26'31.27"E	20	25
7	Nawanshahr	Mohan Majra Nighi C5f	Kathgarh	Kalar	Private & Panchayat Land Sec.4&5	304	150	EP=20 Ha./2021-22, EP=20 Ha./2020-21, GIM=9 Ha./2500plants TypeC/2017-18	10	20	Enrichment Plantation	31° 5'8.27"N	76°24'43.41"E		

Performa for the details of sites for Proposed Plantation for Enrichment															
											Geo Coordinates of site (As per DGPS)				
8	Nawanshahr	BALUWAL RATEWAL/C5g	Kathgarh	Ballowal	Private & Panchayat Land Sec.4&5	2938	500	EP=15 Ha./2021-22, CA=15 & 20 ha/2019-20 EP=12 Ha./2015-16 CA=44 ha/2018-19 GIM=10 ha type-B)	10	25	Enrichment Plantation	31° 6'33.98"N	76°23'47.20"E	25	30
9	Nawanshahr	Mohan Majra Nighi C5f	Kathgarh	Tundewal Behari	Private & Panchayat Land Sec.4&5	132	50	Nil	10	30	Enrichment Plantation	31° 3'28.99"N	76°25'7.77"E	25	30
10	Nawanshahr	Mohan Majra Nighi C5f	Kathgarh	Mohan Majra	Private & Panchayat Land Sec.4&6	489	300	Nil	10	20	Enrichment Plantation	31° 4'55.98"N	76°24'49.09"E	10	15
Total Enrichment Kathgarh Range: ->						7039	2420		115					180	
11	Nawanshahr	Balachaur C5h	Balachaur	Raju Majra	Private & Panchayat Land Sec.4&5	370.85	150	EP=20 Ha./2020-21, MGNREGA = 05 Hect./2015-16, PUNCAMPA NPV = 10 Hect./2016-17 GIM = 19 Hect./2016-17 (1100 Plants) GIM = 05 Hect./2017-18 (2500 Plants - Scrub Land) MGNREGA = 05 Hect./2017-18, MGNREGA = 25 Hect./2018-19 MGNREGA = 05 Hect./2019-20,	15	25	Enrichment Plantation	31° 8'12.56"N	76°23'23.35"E	30	38

Performa for the details of sites for Proposed Plantation for Enrichment

Performa for the details of sites for Proposed Plantation for Enrichment													Geo Coordinates of site (As per DGPS)		
12	Nawanshahr	Balachaur C5h	Balachaur	Bhaddi	Private & Panchayat Land Sec.4&5	524.69	100	EP=10 Ha./2020-21, MGNREGA = 05 Hect./2015-16, PUNCAMPA NPV = 07 Hect./2016-17 GIM = 18 Hect./2016-17 (1100 Plants) MGNREGA = 02 Hect./2016-17 GIM = 10 Hect./2017-18 (ANR) GIM = 27 Hect./2017-18 (1100 Plants) GIM = 05 Hect./2017-18 (2500 Plants - Scrub Land) GIM = 13 Hect./2017-18 (Farmer Land) MGNREGA = 05 Hect./2017-18, PUNCAMPA NPV = 10 Hect./2018-19 MGNREGA = 25 Hect./2018-19, PUNCAMPA NPV = 10 Hect./2019-20	15	24	Enrichment Plantation	31° 8'55.24"N	76°22'18.67"E	0	0
13	Nawanshahr	Kukarsuha- Mahipur-Jhugian C5j	Balachaur	Kukar Suha	Private & Panchayat Land Sec.4&5	344.71	140	PUNCAMPA NPV = 08 Hect./2015-16 PUNCAMPA NPV = 10 Hect./2018-19 MGNREGA = 05 Hect./2019-20,	15	18	Enrichment Plantation	31° 9'56.58"N	76°21'8.36"E	15	20
14	Nawanshahr	KARIMPUR-SAROYA C3a	Balachaur	Mallewal	Private & Panchayat Land Sec.4&5	778.82	300	EP=20 Ha./2020-21, PUNCAMPA DEGRADED = 08 Hect./2015-16 PUNCAMPA NPV = 10 Hect./2016-17 GIM = 04 Hect./2017-18 (ANR) GIM = 25 Hect./2017-18 (2500 Plants) PUNCAMPA NPV = 10 Hect./2019-20 MGNREGA = 20 Hect./2019-20,	0	25	Enrichment Plantation	31°11'43.95"N	76°20'25.85"E	20	25
15	Nawanshahr	KARIMPUR-SAROYA C3a	Balachaur	Torowal	owner section Sec.4&5	208.06	160	EP=25 Ha./2020-21, PUNCAMPA NPV = 10 Hect./2019-20	10	30	Enrichment Plantation	31°13'40.27"N	76°16'39.75"E	25	30

Performa for the details of sites for Proposed Plantation for Enrichment															
												Geo Coordinates of site (As per DGPS)			
16	Nawanshahr	Balachaur C5h	Balachaur	Adoana	Private & Panchayat Land Sec.4&5	524	200	EP=10 ha/2019-20 EP=10 ha/2018-19	10	18	Enrichment Plantation	31° 8'9.74"N	76°23'29.07"E	15	18
17	Nawanshahr	Balachaur C5h	Balachaur	Sehbazpur	Private & Panchayat Land Sec.4&5	381	150	EP=10 Ha /2021-22	10	22.4	Enrichment Plantation	31° 8'52.19"N	76°21'13.10"E	15	21
18	Nawanshahr	Karimpur-Saroya/C3a	Balachaur	Singhpur	owner section Sec.4&5	243	95	GIM= 10 ha /16-17, GIM (ANR E/W) =10 /2020-21, GIM=6 ha/2017-18, GIM= 7 ha/2020-21 (ANR)	10	26	Enrichment Plantation	31°12'45.20"N	76°18'40.78"E	10	26
19	Nawanshahr	Kukarsuha-Mahipur-Jhugian C5j	Balachaur	Chandiani Kalan	PF	PF-128.74 PLPA -266	105	GIM = 20 ha (ANR)/ 2021-22 GIM=20 ha (ANR E/W)/2020-21 GIM = 7 ha (ANR)/ 2020-21	0	20	Enrichment Plantation	31°11'30.79"N	76°20'39.91"E	0	
20	Nawanshahr	Balachaur C5h	Balachaur	Bhanawal	Private & Panchayat Land Sec.4&5	57.51	20	EP=10 ha/ 2021-22, 15 ha/2021-22, 11 ha/2015-16, 5 ha/ 2019-20	10	15	Enrichment Plantation	31° 7'51.59"N	76°22'34.80"E	0	
21	Nawanshahr	BALUWAL RATEWAL/C5g	Balachaur	Takarla	Private & Panchayat Land Sec.4&5	412	115	EP=10 Ha./2020-21, GIM = 10 ha (ANR)/ 2020-21 GIM=20 ha (2500 Plants)/2017-18 GIM = 10 ha (ANR)/ 2020-21	0	15	Enrichment Plantation	31° 7'30.06"N	76°24'6.69"E	20	22.3
22	Nawanshahr	Balachaur C5h	Balachaur	Majhot	Private & Panchayat Land Sec.4&5	402	200	Nil	10	14	Enrichment Plantation	31° 9'4.79"N	76°20'52.32"E	15	21
23	Nawanshahr	CHANDIANI KHURD-SAHDR	Balachaur	Mangu Pur	Private & Panchayat Land Sec.4&5	145.12	125	EP=13 ha Year 2015-16	15	26	Enrichment Plantation	31°10'34.70"N	76°20'33.70"E	15	21
Total Enrichment Balachaur Range: ->							1860		120					180	
24	Nawanshahr	Jaijon C3h	Garhshankar	Hajipur	Sec 4,5	504	200	EP=10 Ha./2021-22 EP=5 Ha./2019-20	0	14.5	Enrichment Plantation	31°17'2.83"N	76°10'48.49"E	10	13
25	Nawanshahr	Lalwan C3i	Garhshankar	Khanni	Sec 4,5	921	400	EP=10Ha./2021-22, EP=10Ha./2020-21, EP=5Ha./2018-19, GIM=18Ha./2500plants/ TypeC/2017-18 EP =10 ha Year 2016-17 CA =0.331 ha Year 2017-18	15	15	Enrichment Plantation	31°21'26.75"N	76° 8'19.81"E	20	23
26	Nawanshahr	Lasara-Satnaur C3g	Garhshankar	Lasara	Sec 4,5	470	250	EP=10Ha./2021-22, EP=10Ha./2020-21 EP=5Ha./2018-19 EP=10 Ha/2015-16	0	25	Enrichment Plantation	31°20'11.85"N	76° 9'32.06"E	10	13

Performa for the details of sites for Proposed Plantation for Enrichment															
												Geo Coordinates of site (As per DGPS)			
27	Nawanshahr	Lasara-Satnaur C3g	Garhshankar	Mehdood	Sec 4,5	840	400	EP=20Ha./2021-22, EP=10 Ha./2020-21,	15	25	Enrichment Plantation	31°20'1.11"N	76°10'34.40"E	10	12
28	Nawanshahr	Hajipur Pakhowal C3f	Garhshankar	Birampur	PF=79.2 Sec 4,5=1804.6ha	1884	450	EP=10Ha./2021-22, EP=10 Ha./2020-21, EP=10Ha./2015-16, EP=11Ha./2016-17, GIM=10Ha./1100plants/TypeB/2017-18, GIM=15Ha./2500plants/TypeC/2017-18	10	13	Enrichment Plantation	31°15'47.89"N	76°10'47.34"E	10	13
29	Nawanshahr	Chak Gujran - Shahpur - Khanpur/C3e	Garhshankar	Khanpur	Sec 4,5	778	300	EP=10Ha./2021-22,	10	15.5	Enrichment Plantation	31°15'10.24"N	76°12'1.82"E	10	21
30	Nawanshahr	Chak Gujran-Satnaur-Khanpur C3e	Garhshankar	Bhadlar	Sec 4,5	704	120	EP=10Ha./2021-22, EP=10 Ha./2020-21, EP=10Ha./2018-19, GIM=35Ha./1100plants/TypeB/2016-17, GIM=25Ha./1100plants/TypeB/2017-18	0	15	Enrichment Plantation	31°16'30.98"N	76°12'38.95"E	10	15
31	Nawanshahr	Kot Maira-Boliwal Choës C3d	Garhshankar	Mehandwani	Sec 4,5	1043	300	EP=10Ha./2021-22, EP=10 Ha./2020-21, EP=10 Ha./2019-20 EP=8 Ha./2015-16	0	13.5	Enrichment Plantation	31°17'19.22"N	76°12'9.53"E	10	14
32	Nawanshahr	Hajipur-Pakhowal/C3f	Garhshankar	Rampur	Sec 4,5	866	200	EP=20Ha./2021-22,	10	36.6	Enrichment Plantation	31°18'9.62"N	76°10'34.08"E	10	13
33	Nawanshahr	Chak Gujran-Satnaur-Khanpur C3e	Garhshankar	Kunail	Sec 4,5	392	150	EP=10Ha./2021-22, EP=10 Ha./2020-21,EP=5 Ha./2019-20	10	12	Enrichment Plantation	31°13'28.36"N	76°13'4.79"E	10	14
34	Nawanshahr	KOT-MAIRA-BOLI WAL CHOES/C3d	Garhshankar	Binewal	Sec 4,5	301	60	EP=5 Ha./2019-20	10	14	Enrichment Plantation	31°17'36.91"N	76°14'46.81"E	0	0
35	Nawanshahr	Singhpur Choës	Garhshankar	Sekhowal	Sec 4,5	2294	500	EP=5Ha./2019-20	10	25	Enrichment Plantation	31°14'10.52"N	76°19'51.52"E	0	0
36	Nawanshahr	Laara - Satnaur/C3g	Garhshankar	Gajjar	Sec 4,5	649	100	EP=10 Ha./2019-20 EP=10 Ha./2018-19	0					10	13
37	Nawanshahr	Hajipur-Pakhowal/C3f	Garhshankar	Lehra	Sec 4,5	243	85	Nil	0					10	13.9
38	Nawanshahr	Chak Gujran - Shahpur - Khanpur/C3e	Garhshankar	Chak Routan	Sec 4,5	36	25	Nil	0	14	Enrichment Plantation	31°13'38.58"N	76°12'42.90"E	10	14
39	Nawanshahr	Chak Gujran - Shahpur - Khanpur/C3e	Garhshankar	Shahpur	Sec 4,5	121	50	CA=0.05 Year 2020-21 CA=1.3657 Year 2018-19	0					10	14

Performa for the details of sites for Proposed Plantation for Enrichment													Geo Coordinates of site (As per DGPS)		
40	Nawanshahr	Chak Gujran - Shahpur - Khanpur/C3e	Garhshankar	Kokowal	Sec 4,5	111	30	Nil	0				10	13.2	
41	Nawanshahr	KOT-MAIRA- BOLIWAL CHOES/C3d	Garhshankar	Bhawanipur	Sec 4,5			Nil	15	12	Enrichment Plantation	31°15'14.33"N	76°15'56.34"E	10	13
42	Nawanshahr	Pojewal C3c	Garhshankar	Harna	Sec 4,5	401	200	EP=5Ha./2018-19	10	13	Enrichment Plantation	31°13'56"N	76°18'13"E	15	18
Total Enrichment Garhshankar Range:						7144	2420		115			0	0	0	185
Total									350						545

* Note:- KML File and DGPS map for proposed sites to be attached.

** Watershed/Sub-watershed approach is for plantation/ activities in Shiwalik Areas

APO 2023-24			
Model of proposed plantation (Ha.)	Geo Coordinates of site (As per		Remarks
	Longitude	Latitude	
Enrichment Plantation	31° 0'21.01"N	76°28'44.48"E	
Enrichment Plantation	31° 2'21.37"N	76°27'18.72"E	
Enrichment Plantation	31° 0'57.87"N	76°27'10.69"E	
Enrichment Plantation	31° 2'59.28"N	76°25'49.65"E	
Enrichment Plantation	31° 3'51.39"N	76°26'6.11"E	
Enrichment Plantation	31° 2'20.16"N	76°26'35.28"E	

Geo Coordinates of site (As per			
Enrichment Plantation	31° 6'36.20"N	76°23'42.44"E	
Enrichment Plantation	31° 3'37.30"N	76°25'20.60"E	
Enrichment Plantation	31° 4'44.94"N	76°24'50.76"E	
Enrichment Plantation	31° 8'8.37"N	76°22'52.42"E	

Geo Coordinates of site (As per			
Enrichment Plantation			
Enrichment Plantation	31°10'11.39"N	76°21'22.89"E	
Enrichment Plantation	31°11'50.29"N	76°19'9.30"E	
Enrichment Plantation	31°13'30.35"N	76°16'52.29"E	

Geo Coordinates of site (As per			
Enrichment Plantation	31° 7'46.15"N	76°23'12.53"E	
Enrichment Plantation	31° 9'13.41"N	76°21'20.11"E	
Enrichment Plantation	31°12'52.03"N	76°18'9.54"E	
Enrichment Plantation	31° 6'55.41"N	76°23'31.86"E	
Enrichment Plantation	31° 9'3.43"N	76°21'8.09"E	
Enrichment Plantation	31°10'5.13"N	76°20'32.02"E	
Enrichment Plantation	31°16'56.53"N	76°10'51.11"E	
Enrichment Plantation	31°22'19.56"N	76° 8'8.53"E	
Enrichment Plantation	31°20'33.55"N	76° 9'9.86"E	

Geo Coordinates of site (As per		
Enrichment Plantation	31°20'17.57"N	76°10'11.93"E
Enrichment Plantation	31°16'4.19"N	76°11'0.21"E
Enrichment Plantation	31°14'43.89"N	76°11'43.01"E
Enrichment Plantation	31°16'38.18"N	76°12'22.37"E
Enrichment Plantation	31°17'37.56"N	76°11'59.21"E
Enrichment Plantation	31°17'59.64"N	76°10'3.59"E
Enrichment Plantation	31°12'57.69"N	76°13'44.48"E
Enrichment Plantation	31°19'32.58"N	76° 9'51.00"E
Enrichment Plantation	31°16'23.58"N	76°11'7.70"E
Enrichment Plantation	31°13'45.06"N	76°12'54.96"E
Enrichment Plantation	31°14'20.27"N	76°11'52.66"E

Geo Coordinates of site (As per		
Enrichment Plantation	31°18'6.73"N	76°15'23.50"E
Enrichment Plantation	31°15'3.31"N	76°15'51.71"E
Enrichment Plantation	31°13'59"N	76°18'14"E
0		

Divisional Forest Officer,
Nawanshahar at Garhshankar.

Pathankot

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV (Ha. Reach form Km/Rd to Km/Rd, side) 2022-23	Model of proposed Ppantation (Ha)	Geo-coordinates of site (as per DGPS Map of the site 2022-23)		Proposed Area for Plantation under NPV (Ha. Reach form Km/Rd to Km/Rd, side) 2023-24	Geo-coordinates of site (as per DGPS Map of the site 2023-24)		Remarks
						Longitude	Latitude		Longitude	Latitude	
1	4	5	6	10	11	12	13	14	15	16	17
1	Dhar	P-3 Nagdhar C- 4 & UP Dhar Khurd	P/F	15	EP	32°24'13.59"N	75°48'07.39"E	0	-	-	KLM attached
						32°23'58.93"N	75°48'04.94"E				KLM attached
2	Dhar	UP Chamrour	P/F	15	EP	32°26'20.19"N	75°46'13.31"E	0	-	-	KLM attached
						32°25'59.35"N	75°46'18.77"E				KLM attached
3	Dhar	UP Kakrui	P/F	15	EP	32°21'14.02"N	75°47'28.30"E	0	-	-	KLM attached
						32°20'56.77"N	75°47'34.67"E				KLM attached
4	Dhar	UP Matti & Bansipur	P/F	20	EP	32°24'25.84"N	75°44'33.18"E	25	32°22'57.10"N	75°44'01.07"E	KLM attached
						32°23'51.03"N	75°43'26.84"E	20	32°23'46.41"N	75°44'32.77"E	KLM attached
5	Dhar	UP Fangtoli	P/F	10	EP	32°20'39.24"N	75°43'59.07"E	20	32°20'41.36"N	75°44'01.73"E	KLM attached
						32°20'23.73"N	75°43'57.52"E				KLM attached
6	Dhar	UP Narainpur	P/F	15	EP	32°22'16.79"N	75°49'34.47"E	20	32°22'01.61"N	75°50'05.01"E	KLM attached
						32°21'42.17"N	75°49'30.63"E				KLM attached
7	Dhar	P-8 Bhoon & UP Moran	P/F	20	EP	32°23'33.88"N	75°47'48.87"E	0	-	-	KLM attached
						32°23'48.64"N	75°47'39.71"E				KLM attached
8	Dhar	UP Arelli	P/F	10	EP	32°23'27.65"N	75°42'31.68"E	0	-	-	KLM attached
						32°23'07.19"N	75°42'32.17"E				KLM attached
9	Dhar	UP Kalanu	P/F	10	EP	32°21'32.56"N	75°41'48.96"E	0	-	-	KLM attached
						32°21'27.95"N	75°42'23.22"E				KLM attached
11	Dhar	UP Balewa	P/F	10	EP	32°22'54.92"N	75°42'20.69"E				KLM attached
						32°22'39.55"N	75°45'28.09"E				KLM attached

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV (Ha. Reach form Km/Rd to Km/Rd, side) 2022-23	Model of proposed Pplantation (Ha)	Geo-coordinates of site (as per DGPS Map of the site 2022-23)		Proposed Area for Plantation under NPV (Ha. Reach form Km/Rd to Km/Rd, side) 2023-24	Geo-coordinates of site (as per DGPS Map of the site 2023-24)		Remarks
						Longitude	Latitude		Longitude	Latitude	
12	Dhar	P-3 Nagdhar C-9,10	P/F	0	EP	-	-	15	32°24'06.92"N	75°47'54.43"E	
13	Dhar	P-5 Dalla c,6,8 &10,11	P/F	0	EP	-	-	20	32°24'24.09"N	75°47'03.17"E	
								20	32°24'30.27"N	75°46'06.81"E	
14	Dhar	UP Sural	P/F	0	EP	-	-	20	32°21'57.27"N	75°47'20.76"E	
				140				160			
1	Dunera	UP Mawa	P/F	15	EP	32°24'20.41"N	75°50'39.76"E	0	-	-	KLM attached
						32°23'54.09"N	75°50'34.04"E				KLM attached
2	Dunera	UP Dhar Kalan	P/F	15	EP	32°24'58.79"N	75°48'36.24"E	10	32°25'20.88"N	75°47'31.21"E	KLM attached
						32°24'41.27"N	75°48'15.09"E				KLM attached
3	Dunera	UP Dunera	P/F	15	EP	32°26'52.47"N	75°52'46.66"E	0	-	-	KLM attached
						32°26'42.22"N	75°53'14.93"E				KLM attached
4	Dunera	P-1 Saili dhar C.4 to 7 (2,3)	P/F	20	EP	32°26'55.26"N	75°53'46.24"E	25	32°26'12.54"N	75°54'03.47"E	KLM attached
						32°26'46.91"N	75°53'48.10"E				KLM attached
5	Dunera	UP Gunera	P/F	20	EP	32°27'45.42"N	75°49'54.55"E	0	-	-	KLM attached
						32°27'26.94"N	75°49'53.78"E				KLM attached
7	Dunera	UP Gahal	P/F	10	EP	32°25'25.40"N	75°54'08.74"E				KLM attached
						32°25'04.13"N	75°54'06.20"E				KLM attached
8	Dunera	P-1 Saili dhar C.17-18	P/F	15	EP	32°29'0.75"N	75°51'11.89"E	15	32°29'22.61"N	75°50'48.79"E	KLM attached
						32°28'46.24"N	75°51'35.06"E				KLM attached
9	Dunera	UP Niari	P/F	0	EP	-	-	10	32°25'38.30"N	75°49'25.65"E	
		Total		110				60			
				250				220			

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV (Ha. Reach form Km/Rd to Km/Rd, side) 2022-23	Model of proposed Ppantation (Ha)	Geo-coordinates of site (as per DGPS Map of the site 2022-23)		Proposed Area for Plantation under NPV (Ha. Reach form Km/Rd to Km/Rd, side) 2023-24	Geo-coordinates of site (as per DGPS Map of the site 2023-24)		Remarks
						Longitude	Latitude		Longitude	Latitude	

Divisional Forest Officer,
Pathankot.

Ropar

Sr.No	Name of range	Name of forest/ Strip	category of forest PF/ RF	Proposed area of plantation under NPV (Ha reach from KM/ RD to KM/ RD, side)	Model of proposed plantation	Geo-cordinates of site (As per DGPS map of the site) 2022-23	Proposed area of plantation under NPV (Ha reach from KM/ RD to KM/ RD, side)	Geo-cordinates of site (As per DGPS map of the site) 2023-24
1	Rupnagar	Haripur		10	EP	30°57'5.25"N, 76°41'7.35"E	15	30°56'37.90"N, 76°40'9.67"E
2	Rupnagar	Majri		10	EP	30°56'57.00"N, 76°40'17.52"E	25	30°56'56.88"N, 76°39'32.18"E
3	Rupnagar	Kharota		10	EP	31°5'32.79"N, 76°36'8.26"E	10	31°5'15.50"N, 76°36'0.02"E
4	Rupnagar	Bara Pind		10	EP	31°6'35.76"N, 76°37'32.57"E	10	31°6'20.38"N, 76°37'57.37"E
5	Rupnagar	Makori		10	EP	31°0'23.24"N, 76°36'38.94"E	0	--
6	Rupnagar	Bardar		14	EP	30°56'34.07"N, 76°42'20.33"E	10	30°56'1.32"N, 76°40'54.59"E
7	Rupnagar	Chakkarma		10				
8	Rupnagar	Hardu Haripur		10				
9	Rupnagar	Ladal		15				
10	Rupnagar	Fatehpur		15				
11	Rupnagar	Bhangala		15				
		Total		129			70	
12	Nurpurbedi	Rainsra		15	EP	31°13'17.54"N 76°21'47.98"E	35	31°12'59.06"N 76°21'34.41"E

Sr.No	Name of range	Name of forest/ Strip	category of forest PF/ RF	Proposed area of plantation under NPV (Ha reach from KM/ RD to KM/ RD, side)	Model of proposed plantation	Geo-coordinates of site (As per DGPS map of the site) 2022-23	Proposed area of plantation under NPV (Ha reach from KM/ RD to KM/ RD, side)	Geo-coordinates of site (As per DGPS map of the site) 2023-24
13	Nurpurbedi	Palata		10	EP	31°14'56.38"N 76°20'35.66"E	20	31°15'13.97"N 76°20'28.38"E
14	Nurpurbedi	Kookowal		15	EP	31°12'45.61"N 76°22'3.18"E	20	31°12'21.04"N 76°21'56.00"E
15	Nurpurbedi	Balewal		10	EP	31° 6'39.05"N 76°27'47.16"E	15	31° 6'42.05"N 76°28'12.37"E
16	Nurpurbedi	Bassali		15	EP	31° 7'35.29"N 76°26'59.80"E	20	31° 7'13.79"N 76°26'27.74"E
17	Nurpurbedi	Dhamana		15	EP	31° 4'58.60"N 76°29'14.62"E	20	31° 4'53.54"N 76°29'3.91"E
18	Nurpurbedi	Jhandian		15	EP	31° 5'44.44"N 76°28'36.15"E	20	31° 5'26.84"N 76°28'17.42"E
19	Nurpurbedi	Nurpurkhurd		15	EP	31° 6'14.43"N 76°28'25.83"E	20	31°08'20.533"N, 76°26'28.425"E
20	Nurpurbedi	Hayatpur		10	EP	31° 9'3.36"N 76°25'1.18"E	20	31° 8'49.49"N 76°25'16.41"E
21	Nurpurbedi	Mukari		15	EP	31° 9'38.98"N 76°24'40.60"E	20	31° 9'29.89"N 76°24'29.45"E
		Total		135			170	
22	Anandpur Sahib	Paharpur		16	EP	31°15'37.84"N 76°36'9.71"E	20	31°15'0.38"N 76°36'22.28"E
23	Anandpur Sahib	Surewal		10	EP	31°17'30.39"N 76°28'30.87"E	15	31°17'21.98"N 76°28'37.93"E
24	Anandpur Sahib	Manakpur		10	EP	31°21'55.52"N 76°23'59.44"E	0	--
25	Anandpur Sahib	Meghpur		10	EP	31°22'3.19"N 76°23'48.73"E	0	--

Sr.No	Name of range	Name of forest/ Strip	category of forest PF/ RF	Proposed area of plantation under NPV (Ha reach from KM/ RD to KM/ RD, side)	Model of proposed plantation	Geo-coordinates of site (As per DGPS map of the site) 2022-23	Proposed area of plantation under NPV (Ha reach from KM/ RD to KM/ RD, side)	Geo-coordinates of site (As per DGPS map of the site) 2023-24
26	Anandpur Sahib	Samlah		20	EP	31°15'36.86"N 76°34'10.70"E	15	31°15'20.90"N 76°34'23.27"E
27	Anandpur Sahib	Lakher		10				
28	Anandpur Sahib	Chamroli		20				
29	Anandpur Sahib	Dehni		20				
30	Anandpur Sahib	Thpal		20				
		Total		136			260	
		Grand Total		400	0	0	500	

SAS Nagar

				2022-23 Details of sites				2023-24 Details of sites			Remarks	
Sr.n o.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		KML File	
						Longitude	Latitude			Longitude	Latitude	
1	SAS Nagar	Nada	4/5	40	EP	30°48'20.21"N	76°48'44.17"E	35	30°48'20.21"N	76°48'44.17"E		
2	SAS Nagar	Karoran	4/5	40	EP	30°49' 05.67"N	76°50'33.09"E	30	30°49' 05.67"N	76°50'33.09"E		
3	SAS Nagar	Parchh	4/5	30	EP	30°48'34.03"N	76°46'52.90"E	35	30°48'34.03"N	76°46'52.90"E		
				110				100				
4	Siswan	Sunk	4/5	40	EP	30°49'04.11"N	76°47'32.59"E	35	30°49'04.11"N	76°47'32.59"E		
5	Siswan	Siswan	4/5	40	EP	30° 53' 53.82"	76° 46' 31.53"	15	30° 53' 53.82"	76° 46' 31.53"		
6	Siswan	Nagal	4/5	50	EP	30°51'33.49"N	76°45'47.55"E	60	30°51'33.49"N	76°45'47.55"E		
7	Siswan	Gochar	4/5	30	EP	30°48'30.35"N	76°46'58.45"E	0	30°48'30.35"N	76°46'58.45"E		
8	Siswan	Mirzapur	4/5	40	EP	30°54'18.42"N	76°42'41.15"E	35	30°54'18.42"N	76°42'41.15"E		
9	Siswan	Tarapur	4/5	30	EP	30°54'22.04"N	76°41'21.54"E	35	30°54'22.04"N	76°41'21.54"E		

Sr.n o.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Details of sites				2023-24 Details of sites			Remarks KML File
				Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		
						Longitude	Latitude		Longitude	Latitude	
10	Siswan	Jyanti Majri-1 & 2	4/5	30	EP	30°50'47.30"N	76°46'58.94"E	35	30°50'47.30"N	76°46'58.94"E	
11	Siswan	Burana	4/5	30	EP	30°54'18.42"N	76°42'41.15"E	0	30°54'18.42"N	76°42'41.15"E	
12	Siswan	Dulwan	4/5	-	-	-	-	30	30°51'33.49"N	76°45'47.55"E	
		Total		290				245			
		G.Total		400				345			

Patiala

Sr. No.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Details of sites		2023-24 Details of sites		Remarks
				Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)	
					Longitude	Latitude	Longitude	Latitude
1	Patiala	Bir Sanour C.No. 1 to 17	PF	15	30°18'38.62"N	76°29'50.45"E		
					30°18'38.51"N	76°29'28.59"E		
					30°19'01.72"N	76°29'16.17"E		
					30°19'22.52"N	76°29'22.40"E		
					76° 0'34.00"E			
2	Patiala	Bir Majjal C.No. 1 to 4 Plantation Site:- Bir Majjal C.No. 4 (15 Hac)	PF	10	30°12'23.50"N	76°25'18.80"E		
					30°12'28.22"N	76°25'25.75"E		
					30°12'41.97"N	76°25'12.71"E		
					30°12'35.71"N	76°25'01.91"E		
				25				
3	Samana	Bir Gudialpura C.No. 1 to 6	PF	12	30°02'55.07"N	76°11'18.82"E		
					30°03'04.53"N	76°11'34.11"E		
					30°02'55.93"N	76°11'41.61"E		
					30°02'48.29"N	76°11'26.78"E		
				12				
				37				

Nawashahar

Sr. no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per		Remarks
						Longitude	Latitude	
1	Nawanshahr	Rahon-Mattewara Road, Km. 9-12, B/S	Road	2	Tall Plants on the Road side Plantation	31° 1'33.51"N	76° 2'12.88"E	1000
2	Nawanshahr	Phagwara Banga-Nawanshahr Road 33-36 (B/S)	Road	2	Tall Plants on the Road side Plantation	31° 8'31.79"N	76° 5'40.50"E	1000
3	Nawanshahr	Rahon-Behloor Road	Road	1	Tall Plants on the Road side Plantation	31° 1'39.75"N	76° 9'15.83"E	500
4	Nawanshahr	Chakdana-Mukandpur Road 2-9 KM (5-9) B/S	Road	4	Tall Plants on the Road side Plantation	31° 7'11.40"N	75°56'55.37"E	2000
5	Nawanshahr	Banga to Sahlon 2-12 (2-7 Km) B/S	Road	3	Tall Plants on the Road side Plantation	31° 8'59.73"N	76° 0'36.09"E	1500
6	Kathgarh	Kathgarh to Rattewal Road	Road	4	Tall Plants on the Road side Plantation	31° 1'3.09"N	76°22'10.88"E	2000
Total Degraded: -				16				8000

Amritsar

S.No.	Name of Range	Name of Forest/ Strip	Category of Forest (PF/RF)	2022-23 Detail of sites			2023-24 Details of site			Remarks	
				Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Model of Proposed Plantation	Geo Coordinates of site (As per DGPS map of the site)	Proposed area for plantation under NPV (Ha reach from KM/ RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)			
						Latitude	Longitude		Latitude	Longitude	
1	ASR II	Bhakna to Gharinda Road B/s	PF	4	Degraded	31°36'19.43"N 31°36'19.27"N 31°34'48.49"N 31°34'48.21"N	74°40'52.26"E 74°40'51.63"E 74°43'2.52"E 74°43'2.14"E				
2	ASR II	Rajatal to Neshta Road B/s	PF	4	Degraded	31°32'30.29"N 31°32'30.52"N 31°34'50.41"N 31°34'49.94"N	74°37'20.29"E 74°37'19.88"E 74°36'41.34"E 74°36'41.66"E				
3	Ajnala	Kukranwala to Madhipur Road km 0-16	PF	10	Degraded	31°49'48.28"N 31°45'10.62"N	74°56'7.56"E 74°47'8.51"E				
4	Rayya-2	Sathiala Butala Road 0 to 5 KM	PF	2	Degraded	31°36'22.79"N 31°34'35.43"N	75°19'12.65"E 75°17'8.93"E				
5	Patti	Patti Tarn Tarn Road KM 0-6 B/S	PF			Degraded		5	31°19'37.31"N 31°16'54.72"N	74°52'3.76"E 74°50'53.71"E	
6	Patti	Patti Valtoha Road KM 0-4.5 B/S	PF			Degraded		5	31°16'47.28"N 31°15'39.98"N	74°50'46.58"E 74°48'43.73"E	
7	Valtoha	Patti Valtoha Road KM 16-28 B/S	PF			Degraded		10	31°13'24.16"N 31°11'1.94"N	74°41'49.55"E 74°36'43.50"E	
				20				20			

Bathinda

S.No	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from Km/RD to KM/RD, side)	Model of Proposed Plantation (ha.)	Details of sites		Remarks
						Geo Coordinates of site (As per DGSP map of the site)		
						Lattitue/ Longitude (START)	Lattitue /Longitude (END)	
1	Talwandi	Bhawanigarh-Kotshamir Road KM 82.50 to 96.8	PF	7	Degraded	30° 4' 26.011"N	30° 4' 42.24"N	
	Talwandi		PF		Degraded	30° 5' 9.11"N	30° 6' 9.35"N 75° 10' 30.34"E	
2	Talwandi	Maiserkhana-Jodhpur KM 0-6 B/S	PF	2	Degraded	30° 6' 6.8688"N	30° 3' 25.087"N 75° 8'	
3	Talwandi	Maur-Kube-Kotli Khurd Link Road KM 0-9 B/S	PF	4	Degraded	30° 2' 51.94"N	29° 59' 50.30"N	
4	Talwandi	Jaga-Mansa Road KM 7-11.5 B/S	PF	2	Degraded	29° 57' 5.44"N 75°	29° 56' 12.998"N 75° 10'	
5	Talwandi	Ferozpur Rori Road KM 24-51.5 B/S	PF	9	Degraded	29° 58' 36.73"N 75°	29° 55' 38.41"N 75° 09' 2.43"E	
					Degraded	29° 55' 38.41"N	29° 53' 34.97"N 75° 9' 49.74"	
6	Talwandi	Refinery Approach Road KM 0-18.5 B/S	PF	4	Degraded	29° 58' 24.03"N 74° 54' 30.43"	29° 55' 54.45"N 74° 56' 43.69"E	
7	Talwandi	Raman-Phullo-Giana Link Road KM 0-10 B/S	PF	2	Degraded	29° 56' 21.83"N	29° 52' 6.79"N , 75° 0' 46.62"E	
8	Bathinda	NFL-Nehian wala Kachha path B/s	PF	5	Degraded	30° 15' 23.99"N 74° 55' 24.56"E	30° 18' 14.07"N 74° 54' 46.34"E	
9	Bir Talab	Bathinda Badal Road	PF	2	Degraded	30 10' 24.20 N 74 55'	30 05' 07.61 N 74 41'	
				37				

Dasuya

Sr. No.	Range	Name of Forest/ Strip	Category of Forest PF/ RF	Proposed area for plantation under NPV 2022-23	Model of proposed plantation	GPS Coordinate
1	Badla	Dasuya to Hajipur Road 0 to 9 KM B/S		2.5		31 50 13.62 N 75 40 20.75 E
2	Mukerian	Dasuya to Hajipur Road 9 to 19 KM B/S		2.5		31 55 52.42 E 75 43 01.59 E
		Total		5		

FEROZEPUR

Tall Plants per Ha. 500 Plants

Sr. No.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Detail of sites			
				Proposed area for plantation under Avenue Plantation (Tall Plants) (Ha. Reach from Km Side,	Model of proposed plantation (Ha.)	GPS Coordinates	
1	Moga	Nihal Singh Wala Himmatpura road km 0-22 B/s	PF	10	Avenue Plantation		
2	Moga	Dharmkot Zira road km 0-24 B/s	PF	10	Avenue Plantation		
3	Zira	Makhu Mallanwala road 0-19 B/s	PF	10	Avenue Plantation		
4	Zira	Zira Jhatre road 0 - 8 B/s	PF	6	Avenue Plantation		
4	Baghapura/ Phullewala	Bagapurana-Nithana Road Km 0-18 B/s	PF	5	Avenue Plantation	30°40'30.31 30°38'39.15	75°05'43.77 75°06'18.66
5	Baghapurana/ Nihal Singh Wala	Bagapurana-Nihal Singh Wala road Km 7-17 B/s	PF	8	Avenue Plantation	30°38'56.18 30°36'35.60	75°10'10.65 75°14'43.49
23	Mamdot	Khai-Mamdot Road KM 9.5-22 B/S	PF	-	Avenue Plantation	-	-
				49			

Gurdaspur

Sr. no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	2022-23 Details of sites		2023-24 Details of sites		Remarks	
						Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		
						Longitude	Latitude		Longitude		Latitude
1	Gurdaspur	Batala to Kahnuwan Road Km. 10 to 14 B/s	PF	3	Degraded	75° 18'05.121"E	31°51'06.230"N	-	-	-	
						75° 18'05.191"E	31°51'06.071"N		-	-	
						75° 20'34.631"E	31°52'10.511"N				
						75° 20'34.780"E	31°51'06.230"N				
2		Nanonangal pull to Vill. Kot Bhalla Road B/s	PF	4 Ha (Nanonangal pull to Vill. Kot Bhalla Road B/s)	-	32° 4'23.50"N	75°30'38.28"E	-	-	-	
						32° 4'23.84"N	75°30'38.92"E		-	-	
						32° 5'28.71"N	75°29'57.19"E				
						32° 5'29.12"N	75°29'58.20"E		-	-	
3	Gurdaspur	Gurdaspur to Behrampur-Marara Road Km. 9-12 & 13-19 B/s	PF	10	Degraded	75°39'91.730"E	32°05'09.834"N	-	-	-	
						75°39'48.241"E	32°12'69.361"N		-	-	
						75°39'50.481"E	32°12'69.151"N		-	-	
						75°38'63.701"E	32°17'74.031"N		-	-	
4	Gurdaspur	Gurdaspur to Mukerian Road Km. 7-14 B/s	PF	5	Degraded	75°27'25.771"E	32°00'12.101"N		-	-	
						75°27'25.823"E	32°00'12.341"N				
						75°30'48.201"E	32°59'45.111"N				
						75°30'46.443"E	32°59'46.007"N				
Total of Gurdaspur Range				22							
5	Quadian	Batala to SHGP road KM 18-25 B/S	PF	5	Degraded	31° 44' 50" N	75° 20' 38" E				
						31° 44' 50" N	75° 20' 38" E				
						31° 42' 53" N	75° 25' 03" E				
						31° 42' 53" N	75° 25' 03" E				
Total of Quadian Range				5							
6	Aliwal	Kalanuar-Rudiana Road k.m. 0-8 b/s	PF	5	Degraded	32° 01'10.8" N	32° 03' 46.6" N				
						75° 08' 01.2" E	75° 10' 35.0" E				
						32° 01'11.1" N	32° 03'46.8" N				
						75° 08'00.6" E	75° 10'34.7" E				
7		Dhamkot Randawa to Dhamkot Pattan Road KM 0-3 B/S	PF	5		32°00'25.1" N	32°00'25.0" N				
						74°58'36.8"E	74°58'36.6"E				
						32°00'25.0" N	32°01'14.9" N				

Hoshiarpur

Sr. No.	Name of Range	Name of Forest /Strip	Category of Forerst (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side) 2022-23	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site) 2022-23		Remarks
						Longitude	Latitude	
1	Hairana	Tanda to Dholbaha Road km 8-21 B/side		5				
Total				5				
2	Hoshiarpur	Jaindhara Chandigarh By Pass km 0-5 B/side		5				
3	Hoshiarpur	Bhangi Chow Bandh (Lajwanti Stadium to Bassi Gulam Hussan Road km 0-7 R/side)		5				
Total				10				
4	Dholwaha	Dholwaha to Baruhi Road km 0-12 B/sides		2				
Total				2				
G.Total				17				

Jalandhar

Sr. No.	Name of Range	Name of Forest /Strip	Category of Forerst (PF/RF)	2022-23 Details of sites					Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS)		Remarks
				Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)		Geo Coordinates of site (As per DGPS)		
						Longitude	Latitude			Longitude	Latitude	
1	Jalandhar	Adampur-Kishangarh Road km 1-10 B/s	P.F	5	Degraded	31°26'02.76"N	75°36'35.00"E					
2	Jalandhar	Bhogpur -Bholath Road km 0-5 B/s	P.F	5	Degraded	31°33'53.22"N	75°36'20.964"E		0			
3	Jalandhar	Bhogpur -Bholath Road km 0-5 B/s	P.F	5	Degraded	31°13'53.29"N	75°36'15.30"E					
4	Jalandhar	Kotli Minor RD G.T Road to Vill Patran B/s	P.F	4	Degraded	31°24'35.61"N	75°34'42.86"E					
Total Jalandhar Range 2022-23				19								
5	Nakodar	Tashpur- Gidharpindi Road km 55-61 B/s	PF	7	Degraded	31°10'11.79"N	75°15'1.24"E					
6	Nakodar	Mehatpur-Khera Foja singh Road km 0-8 B/s	PF	5	Degraded	31° 2'50.32"N	75°28'17.90"E					
Total Nakodar Range 2022-23				12								
7	Phillaur	Apra-Mukandpur Road km 0- 4B/s	PF	3	Degraded	31°5'19.77"N	75°52'33.04"E					
8	Phillaur	Apra-Thalla Road km 0-3 B/s	PF	2	Degraded	31°4'19.57"N	75°51'55.23"E					
9	Phillaur	Phillaur-Akalpur-Rurka Kalan Road Km 7-14 B/s	PF	4	Degraded	31° 4'31.72"N	75°44'40.41"E					
Total Phillaur Range 2022-23				9								
10	Kapurthala	Dhilwan Miani Ucha Road Km 0 to 10 B/s	PF	4	Degraded	31°25'17.96"N	75°15'44.45"E					
11	Kapurthala	Razapur-Sidhwan-Kulara Road km 0-10 B/s	PF	3	Degraded	31°20'4.77"N	75°23'24.37"E					
12	Kapurthala	Nadala to Bholath Road km 10-15 B/s	PF	5	Degraded	31°16'29.77"N	75°22'37.87"E					
13	Kapurthala	Kapurthala-Kala Sangha-Nakodar Road km 0-16 B/s	PF	5	Degraded	31°21'13.15"N	75°23'9.84"E					
Total of Kapurthala Range 2022-23				17								
14	Phagwara	Phagwara-Wahad Road km 0-9 B/s	PF	3	Degraded	31°13'42.370"N	75°47'10.550"E					
15	Phagwara	Pashta Road 0-9 B/s	PF	5	Degraded	31°18'02.690"N	75°48'13.250"E					
Total of Phagwara Range 2022-23				8								
G.Total for t				65								
16	Jalandhar	Bhogpur-Bullowal Road	PF					2	31°31'27.07"N	75°40'8.30"E		

Sr. No.	Name of Range	Name of Forest /Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	2022-23 Details of sites		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS)		Remarks
						Geo Coordinates of site (As per DGPS)			Geo Coordinates of site (As per DGPS)		
						Longitude	Latitude		Longitude	Latitude	
3	Jalandhar	Old GT Road Patel Chowk to km 379 b/s	P.F					3	31°20'7.98"N	75°34'5.66"E	
6	Nakodar	TARPUR KULARA KALASANGHIAN ROAD KM 13-22 B/S	PF					5	31°12'49.17"N	75°20'23.42"E	
9	Phillaur	Nurmehal to Kot Badal khan road 0-5 b/s	PF					2	31°3'15.75"N	75°33'25.15"E	
11	Phillaur	Jandiala to Phagwara Road km 8-17 b/s	PF					5	31°9'41.52"N	75°37'12.38"E	
12	Phillaur	Nurmehal to Sarh road km 0-5 b/s	PF					2	31°6'2.3"N	75°35'30.02"E	
13	Phillaur	Jandiala-Jalandhar road km 13-20 b/s	PF					5	31°8'54.36"N	75°36'30.23"E	
16	Kapurthala	Nadala Dhilwan road km 0-10 B/s	PF					5	31°30'41.38"N	75°20'53.05"E	
17	Kapurthala	Kapurthala Fattudhinga Sultanpur Lodhi road km 12-16 B/s	PF					5	31°22'9.73"N	75°12'54.22"E	
Total of 2023-24 sites								34			

LUDHIANA FOREST DIVISION, LUDHIANA											
CAMP APO -2022-23											
Performa for the details of sites for Proposed Plantation											
NPV Avenue Plantation											
Sr. no.	Name of Division	Name of watershed/ sub-watershed	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Plantation already done under various schemes(Ha.) (Name of Scheme & year) in last five years	Total Plantable area in Forest/Strip (Ha.)(As on date)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	2022-23 Details of sites	
										Geo Coordinates of site (As per DGPS map of the site)	
1	2	3	4	5	6	8	9	10	11	12	13
										Longitude	Latitude
1	Ludhiana		Doraha	2022-23 CAMPA Chappar Lohatbadi Road Km. 3-12 Both Side (5 Ha.) 16	PF	Nil	10	5	Degraded	30°40'1.66"N	75°47'39.97"E
2			Jagraon	2022-23 CAMPA Jagraon Raikot Road Km. 6-15 Left Side & 13-15 Right Side	PF	Nil	10	5	Degraded	30°37'47.12"N	75°42'58.31"E
3			Jagraon	2022-23CAMPACHoukiman Bhundri Road Km. 5-15 Both Side5 Ha.	PF	Nil	10	5	Degraded	30°41'8.61"N	75°31'36.36"E
5			Ludhiana	2022-23 CAMPA Ludhiana Bhundri Road Humbran Chowk to Bhundri Both Side 5 Ha.	PF	Nil	7	5	Degraded	30°56'28.25"N	75°34'43.95"E
Total											
								20			

Divisional Forest Officer
Ludhiana Forest Division,
Ludhiana.

Mansa

Sr. No	Name of Range	Name of Strip	Category of Forest (PF/RF)	Proposed area for plantation under NPV 2022-23	Model of proposed plantation 2022-23	Geo Coordinates of site (as per DGPS Map of the site) 2022-23		Remarks
						latitude	longitude	
1	Mansa	Barnala-Sirsa Road KM 164 to 168 B/s		3		1) 30° 11'12.07"N	1) 75° 10'01.02"E	Road Side Plantation with Tall Plants
						2) 30° 10'01.02"N	2) 75° 25'01.49"E	
2	do	Bhikhi Budhlad Road KM 1 to 4 B/s		3		1) 30° 03'17.65"N	1) 75° 31'41.01"E	
						2) 30° 01'34.50"N	2) 75° 32'15.88"E	
3	do	Joga Anoopgarh Road KM 0 to 8 B/s		2		1) 30° 09'56.86"N	1) 75° 26'13.51"E	
						2) 30° 09'17.19"N	2) 75° 28'47.69"E	
Total Mansa (CAMPA)				8				
4	Budhlada	Budhlada to Kulana Road KM 0 to 7 End B/s		3		1) 29° 55'27.28"N	1) 75° 33'46.04"E	
						2) 29° 53'15.05"N	2) 75° 34'51.42"E	
Total Mansa (CAMPA)				3				
Total Mansa & Budhlada (CAMPA)				11				

**Divisional Forest Officer,
Mansa.**

Pathankot

Sr No	Name of Range	Name of Forest/ Strip	Category of Forest PF/RF	Proposed Area for Plantation under NPV (Ha. Reach form Km/Rd to Km/Rd, side) 2022-23	Model of Proposed Plantation	Geo-coordinates of site (as per		Remarks
						Longitude	Latitude	
1	4	5	6	11	14	16	17	18
1	Pathankot	Pathankot to Kullu Road Km 3 to 9 L/R	P/F	3	Avenue Plantation	32°17'26.32"N	75°45'17.74"E	KML file attached
2	Pathankot	Pathankot to Jugial Road Km 4 to 12 b/s	P/F	3	Avenue Plantation	32°21'58.26"N	75°40'42.45"E	KML file attached
3	Pathankot	Bamial to Janial road KM 0 to 6 b/s	P/F	4	Avenue Plantation	32°19'19.08"N	75°24'22.94"E	KML file attached
				10				

Divisional Forest Officer,
Pathankot.

Patiala

Sr. No.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Details of sites			2023-24 Details of sites			Remarks
				Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		
					Longitude	Latitude		Longitude	Latitude	
1	Nabha	Nabha Bhadson Road KM 22-33 B/S	PF	5	30°23'40.05"N 30°27'57.59"N	76° 11'32.52"E 76° 13'53.20"E				
2	Nabha	2023-24: Harigarh Sakohan Chathe Link Road KM 0-4 B/S	PF				2	30°24'58.84"N 30°23'44.87"N	76° 4'3.61"E 76° 3'2.25"E	
3	Nabha	2023-24: Ranjitgarh Dandrala Link Road KM 0-2 B/S & Dandrala Nauhra	PF				2	30°30'49.45"N 30°29'16.92"N	76° 6'35.62"E 76° 5'12.89"E	
4	Nabha	2023-24: Ghaniwal Palia Link Road KM 0-5 B/S & Ghaniwal Babarpur Link	PF				5	30°31'14.38"N 30°28'24.36"N	76° 7'38.82"E 76° 6'11.26"E	
				5			9			
5	Rajpura	Ambala Patiala Kham road KM 14-24 B/S Plantation Site:-Ambala Patiala	PF	4						
6	Rajpura	Lachru Jandmangoli Road KM 0-10 B/S Plantation Site:-Lachru Jandmangoli	PF	5	30°21'15.96"N 30°21'37.65"N	76°35' 58.45" 76°38'03.14"E				
7	Rajpura	2023-24 GT Road km 212-229 L/S	PF				10	30°24'18.88" N 30°28'54.91"N	76°43'58.89"E 76°36'13.85"E	
8	Rajpura	2023-24 Seel Ghanour Shambhu Road KM 5-27 B/S	PF				15	30°20'52.44" N 30°26'04.27"N	76°30'59.65"E 76°40'55.99"E	
9	Rajpura	2023-24 Jansua Khroula Manakpur Road KM 0-12 B/S	PF				10	30°30'32.31" N 30°36'47.63"N	76°38'14.15"E 76°37'21.57"E	
				9			35			
10	Samana	Samana Bhawanigarh Road KM 5 to 15 B/S	PF	5	30°09'30.40"N 30°13'31.69"N	76°09'41.90"E 76°04'39.07"E				
				5						
11	Sirhind	Saddomajra-Dhirpur-Randhawa-Sadhugarh Link Road KM 0 to 10 B/S	PF	5	30°37'10.75"N 30°34'47.53"N	76°24'58.74"E 76°27'10.16"E				
12	Sirhind	Tohra to Khojemajra Link Road Km 0 to 10 B/S	PF	5	30°31'57.95"N 30°35'16.45"N	76°19'15.24"E 76°21'51.66"E				
13	Sirhind	G.T.Road 238 to 268	PF	5	30°33'42.62"N	76°27'51.29"E				

Sr. No.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Details of sites		2023-24 Details of sites		Remarks		
				Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)		Geo Coordinates of site (As per DGPS map of the site)	
					Longitude	Latitude			Longitude	Latitude
		PlantationSite G.T Road km 245 to			30°37'9.98"N	76°22'0.59"E				
14	Sirhind	Sirhind-Sangatpura-Chanarthal Road km 0 to 11 B/S	PF	5	30°36'10.8972"N	76°22'27.01841"E	--	--	--	
					30°31'52.7963"N	76°21'04.61966"E		--	--	
15	Sirhind	Sarai Banjara to Bhagrana Road Km 0 to 11 B/S	PF	5	30°32'29.47"N	76°30'46.49"E	--	--	--	
					30°36'26.26"N	76°34'4.80"E		--	--	
16	Sirhind	Bhadhal Thuha to Bamarsi Link Road B/S	PF	5	30.637372	76.26338	--	--	--	
					30.582713	76.30288		--	--	
17	Sirhind	Anaitpura Bulahra Rasidpur Link Road B/S	PF	6	30°37'8.792"N	76°25'22.787"E	--	--	--	
					30°37'16.74"N	76°27'47.42"E		--	--	
18	Sirhind	Jalalpur Bhamarsi Link Road	PF	5	30.637372	76.26338	--	--	--	
					30.582713	76.30288		--	--	
19	Sirhind	Rurkee Nalina Panjoli Reona Road Plantation Site:-BML RD 225 to 270 R/S	PF	3	30°31'8.98"N	76°24'17.36"E	--	--	--	
					30°33'26.09"N	76°28'18.10"E		--	--	
20	Sirhind	2023-24 Kotla Bajwara to Khera Road Km 0 to 7 B/S	PF				5	30°38'18.0"N	76°25'51.1"E	
								30°36'12.1"N	76°29'07.1"E	
21	Sirhind	2023-24 Sangatpura to Khroura Road Km 0 to 5 B/S	PF				2	30°34'11.760"N	76°21'33.213"E	
								30°33'29.622"N	76°24'10.858"E	
22	Sirhind	2023-24 Nabha-Bhawanigarh-Gobindgarh Road Km 40 to 53 B/S	PF				5	30°39'4.18"N	76°16'38.84"E	
								30°32'58.32"N	76°14'15.90"E	
23	Sirhind	2023-24 Basantpura to Bhagrana Road Km 0 to 11 B/S	PF		--	--	5	30°32'11.4"N	76°30'40.2"E	
								30°36'06.3"N	76°34'20.2"E	
24	Sirhind	2023-24 Hindupur to Rest House via Jameetgarh Link Road B/S	PF				2	30°37'37.75"N	76°30'50.30"E	
								30°36'38.02"N	76°30'47.15"E	
25	Sirhind	2023-24 Brass to Salempur Link Road B/S	PF				1	30°35'45.8"N	76°31'55.6"E	
								30°34'27.0"N	76°32'24.7"E	
26	Sirhind	2023-24 Sadhugarh Hansali Sahib Badali Ala Singh Road km 0 to 6 B/S	PF	--	--	--	4	30°34'28.56"N	76°26'37.74"E	
								30°36'5.49"N	76°29'1.10"E	
27	Sirhind	2022-23 Sirhind Morinda Road KM 7 to 8 B/S	PF	--	--	--	4	30°39'8.31"N	76°23'28.28"E	
								30°40'7.196"N	76°23'44.885"E	
				44			28			
				63			72			

Sangrur

Sr. No.	Name of Range	Name of Forest /Strip	Category of Forerst (PF/RF)	Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side) 2022-23	Model of proposed plantatio n (Ha.)	Geo Coordinates of site (As per DGPS map of the site) 2022-23		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side) 2023-24	Geo Coordinates of site (As per DGPS map of the site) 2022-23		Remarks
						Longitude	Latitude		Longitude	Latitude	
10	Sangrur	Namol Longowal Road Km 0-5 BS						2	30° 11' 02.49" N 75° 44' 46.25" E	30° 11' 38.34" N 75° 41' 42.25" E	
11	Sangrur	Bhawanigarh Kotshmir road Km 35 to 45.5 B/s						8	30° 07' 03.384" N 75° 43' 42.252" E	30° 05' 14.877" N 75° 36' 57.235" E	
21	Barnala	Sehna drain rd 0-55 B/s	P/F	15	Deg.	30°25'45.48"N 30°19'22.34"N	75°22'26.86"E 75°19'11.05"E				
36	Malerkotla	Malerkotla to Madevi Road 0 to 7 B/s	PF	1.5	Deg.	30°31'14.09"N 75°52'20.72"E	30°28'55.97"N 75°49'32.08"E				
37	Malerkotla	Nabha malerkotla Toas km 24 to 32 B/s	PF	2	Deg.	30°31'03.83 75°53'55.77"E	30°29'03.09"N 75°57'53.11"E				
38		Malerkotla Naudhrani Road km 0 to 7 B/s						1.5	30°30'55.71"N 75°52'34.30"E	30°27'17.88"N 75°49'19.22"E	
39		kbc rd 25 to 40 R/s						5	30°40'45.61"N 75°50'53.11"E	30°40'04.60"N 75°50'10.96"E	
43		Dhuri Sherpur road km 0 to 17 b/s						4	30°22'39.61"N 75°51'05.11"E	30°26'27.78"N 75°42'32.12"E	
44		Ludiana hissar Road km 57.5 to 71 b/s						4	30.24°54.80"N 75.53°08.93"E	30.24°54.57"N 75.52°44.44"E	
46		Madvi Faridpur Katron Road km 8 to 12 b/s						3	30°31'13.31"N 75°52'18.98"E	30°25'00.85"N 75.37°31.94"E	
57		Bhullan Madvi road km 0-7 b/s	PF	3	Deg.	29°47'45.56"N 75°59'46.46"E	29°46'57.47"N 75°59'52.58"E	^	0	^	
63		Kotra disty rd ubhya road to rorewala road b/s	^	^	^	^		5	29°59'20.74"N 75°55'47.38"E	29°59'28.31"N 75°55'46.27"E	
	Lehragaga	GBC Janal Dirba Road 0 to 8 B/s		5							
	Barnala	Bajakhana Road 11.5 to 29.5 B/s		18							
	Sangrur	Bathinda Barnala Sangrur Patiala road Km 110-124		5							
		Total		49.5				32.5			

SAS Nagar								Remarks
Sr. no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	Proposed area for plantation	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map)		
						Longitude	Latitude	
Avenue Plantation								
1	Khamano Range	Nogwana to Guanduian Lohari Link Road	Road	3	Avenue Plantation	30° 37' 06.35"	76° 49' 08.44"	
2	Khamano Range	Nogwana to Bhatari Link Road	Road	3	Avenue Plantation	30°51'35.21"	76°39'39.09"	
3	Khamano Range	Dadhalna to Kasubheri Badali Link Road	Road	2	Avenue Plantation	30°44'53.50"N	76°27'48.76"E	
4	Khamano Range	Kalashpur to Kheri Link Road	Road	3	Avenue Plantation	30°49'41.74"N	76°33'50.53"E	
5	Khamano Range	Sirhind Morinda Road	Road	5	Avenue Plantation	30° 37' 06.35"	76° 49' 08.44"	
6	Khamano Range	Rasolpur to Baggarhana Link Road	Road	3	Avenue Plantation	30°51'35.21"	76°39'39.09"	
7	Khamano Range	Pawala to Gorildyan - Baro Majri Link Road	Road	2	Avenue Plantation	30°49'10.06"N	76°35'11.77"E	
8	Khamano Range	Khamano to Manuli-Manula Link Road	Road	3	Avenue Plantation	30°44'53.50"N	76°27'48.76"E	
9	Khamano Range	Panjkoah to Doomcheri Link Road	Road	3	Avenue Plantation	30°44'53.50"N	76°27'48.76"E	
10	Khamano Range	Kharar-Bassi road	Road	5	Avenue Plantation	30° 37' 06.35"	76° 49' 08.44"	
Total Degreded: -				32				

Sri Muktsar Sahib

Sr. No	Name of Range	Name of Forest Strip	Category of Forest PF/RF	Proposed area for Plantation under NPV 2022-23	Model of proposed plantation 2022-23	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Proposed area for Plantation under NPV 2022-23	Geo-coordinates of site (as per DGPS Map of the site) 2022-23		Remarks
						Longitude	Latitude		Longitude	Latitude	
1	Muktsar	Muktsar Guruharshai Road Km 5-12 B/S		3							
2	Malout	Malout-Fazilka Road km 2-15 R/s		6							
3	Lambi	Lambi- Khuban Road Km 0-20 R/S		6							
4	Abohar	Sitto Kullar Doda Road km 10-18 B/S		3							
5	Abohar	Modi Bazidpur Road Km 0-8 B/S		3							
6	Fazilka	F.F Road Km 75-80 B/S		5							
7	Muktsar	Doda-Chatteana Road Km 0-8 B/S	PF	5		30°22'44.78"N 74°38'36.53" E	30°20'01.91"N 74°40'05.45" E				
8	Muktsar	Muktsar-Jalalabad Road Km 0-13.6 B/s	PF	7		30°30'45.29"N 74°27'10.35" E	30°32'00.51"N 74°23'52.17" E				
9	Muktsar	Gidderbaha-Rupana Road Km 17-22.5 B/S	PF	5		30°24'013.31"N 74°31'23.73" E	30°20'53.03"N 74°34'17.21" E				
10	Muktsar	Mallan-Bhaliana-kotbhai Road 0-13.5 B/S	PF					7	30°16'23.65"N 74°42'05.96" E	30°41'14.18"N 74°43'41.08" E	
11	Malout	Tarkhanwala Midda Ranniwala Link Road Km 0-10 B/S	PF	4		30°19'26.110"N 30°17'22.400" N	74°22'39.309"E 74°21'13.312"E				
12	Lambi at Badal	Abulkhurana-kuttianwali Road Km 0-18 B/s	PF	8		30°08'03.60."N 74°32'16.71" E	30°04'41.88."N 74°28'57.79" E				
13	Abohar	Abohar-Hanumangarh Road Km 0-21.5 B/s	PF	15		30°06'57.63"N 29°57'29.24"N	74°12'17.93"E 74°11'42.81"E				
14	Abohar	Abohar-Dabwali road Km 0-28 B/S	PF	5		30°07'36.73"N 29°59'39.47"N	74°13'57.37"E 74°25'26.95"E				
15	Fazilka	MF Road Km 0-50 B/S	PF	15		30°19'24.23" N 74°18'16.17"E	30°23'46.94"N 74°04'14.40"E				
Total				90	0	0	0	7	0		

Divisional Forest Officer,
Muktsar Forest Division,
Sri Muktsar Sahib.

Gurdaspur

Sr. no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Details of sites			Remarks	
				Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site)		
1	Qadian	Batala to Qadian Railway Line Km. 02-5 B/side	PF	10 Ha	Water Logged	31°49'49.19"N	75°12'22.77"E	
						31°49'48.46"N	75°12'23.19"E	
						31°49'38.01"N	75°23'15.94"E	
						31°49'37.11"N	75°23'14.70"E	
Total of Qadian Range				10 Ha				
2	Aliwal	Amritsar Ram Dass to D.B.N. Railway Line B/side	PF	5 Ha	Water Logged	31°58'23.600"N	74°55'12.20"E	
						31°58'23.600"N	74°55'12.30"E	
						32°01'15.700"N	75°00'23.20"E	
						32°01'15.700"N	75°00'23.00"E	
						31°58'23.00"N	74°55'12.80"E	
						31°58'23.20"N	74°55'12.60"E	
						32°01'15.50"N	75°00'23.50"E	
32°01'15.30"N	75°00'23.70"E							
3	Aliwal	Bajjuman Drain DBN-BTL Road to Railway line	PF	5 Ha	Water Logged	31°49'26.3" N	31°47'54.5" N	
						75°08'09.9" E	75°09'01.9" E	
						31°50'42.7" N	31°47'54.7" N	
						75°11'32.8" E	75°09'01.1" E	
Total of Aliwal Range				10 Ha				
Total Division				20				

Patiala

Patiala											
Sr. no.	Name of Range	Name of Forest/Strip	Category of Forest (PF/RF)	2022-23 Details of sites				2023-24 Details of sites			Remarks
				Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Model of proposed plantation (Ha.)	Geo Coordinates of site (As per DGPS map of the site)		Proposed area for plantation under NPV (Ha. Reach from KM/RD to KM/RD, side)	Geo Coordinates of site (As per DGPS map of the site)		
						Longitude	Latitude		Longitude	Latitude	
1	Patiala	Bir Miranpur-Ghogpur C.No. 1 to 15 Plantation Site:- Bir Miranpur Ghogpur C.No. 11 (10 Ha.) 2023-24 Bir Miranpur Ghogpur C.No. 15 (10 Ha.)	PF	10 Ha	Water Logged	30°06'59.65"N	76°33'04.61"E	10 Ha	30°06'27.30"N	76°34'35.22"E	
						30°07'11.67"N	76°33'09.56"E		30°06'34.62"N	76°34'37.58"E	
						30°07'08.57"N	76°33'19.54"E		30°06'31.67"N	76°34'57.28"E	
						30°06'56.51"N	30°26'29.19"N 76° 9'28.14"E		30°06'23.61"N	76°34'49.73"E	
Total				10				10			

Specific activities approved under Compensatory Afforestation by the Govt. of India Patrolling, Protection and Monitoring related Equipment

Sr. No	Name of Components	Name of Division	Sanction No	Date
1	Patrolling Vehicle	Bathinda	9PBC440/2021-CHA	22.12.2021
		Muktsar	9PBC407/2018-CHA	11.01.2019
			9-PBC451/2021-CHA	17.12.2021
		Ferozepur	9-PBC406/2018-CHA	12.02.2019
		Patiala	9PBC377/2017-CHA	10.01.2018
		Pathankot	8-17/2010-FC	18.10.2010
		Jalandhar	9PBC348/2016-CHA	24.10.2017
		Garhshankar	9PBC315/2021/-CHA	21.06.2018
Mansa	9PBC369/2018-CHA	16.01.2019		
2	Truck 407	Muktsar	9-PBC451/2021-CHA	17.12.2021
		Ferozepur	9-PBC372/2018-CHA	11.12.2018
3	Tractor	Bathinda	9PBC440/2021-CHA	22.12.2021
		Dasuya	9PBC322/2020-CHA	30.06.2020
		Muktsar	9-PBC451/2021-CHA	17.12.2021
		Ferozepur	9PBC310/2016-CHA	24.07.2019
		Amritsar	9PBC310/2016-CHA	24.07.2019
		Sangrur	9PBC369/2018-CHA	16.01.2019
		Garhshankar	9PBC371/2016-CHA	12.06.2017
4	Trolly	Pathankot	8-17/2010-FC	18.10.2010
5	Water Tanker	Pathankot	8-17/2010-FC	18.10.2010
		Jalandhar	9PBC343/2021-CHA	24.09.2021
6	Pump Set	Muktsar	9-PBC451/2021-CHA	17.12.2021
7	Tubewell	Jalandhar	9PBC369/2019-CHA	07.07.2020
8	Augar	Muktsar	9-PBC451/2021-CHA	17.12.2021
		Jalandhar	9PBC369/2019-CHA	07.07.2020
9	Tree Guard	Mansa	9PBC369/2018-CHA	16.01.2019
		Jalandhar	9PBC369/2019-CHA	07.07.2020
		Garhshankar	9PBC371/2016-CHA	12.06.2017
10	Photostat Machine	Jalandhar	9PBC369/2019-CHA	07.07.2020
11	GPS	Jalandhar	9PBC369/2019-CHA	07.07.2020

Government of Punjab
Department of Forest & Wildlife Preservation
O/o Principal Chief Conservator of Forests
Forest Complex, Sector-68, Sahibzada Ajit Singh Nagar

To

The Chief Executive Officer,
National Authority,
Ministry of Environment, Forests & Climate Change,
Government of India, CGO complex, Lodhi Road,
New Delhi - 110 003.

No. State Authority /2022-23/ 15137

Dated: 10-10-2022

Subject: Annual Plan of Operation for the financial year 2022-23 of Punjab State CAMPA.

Ref:- Your Letter F.No. NA-15/33/2020-NA dated 21.09.2022

It is submitted that Out of total outlay of Rs. 239.93 Crore of APO 2022-23, only activities with a total cost of Rs. 159.78 Crore have been approved in the 19th meeting of Executive Committee of National Authority, New Delhi. Activities under CA for Rs. 18.72 Crore were approved conditionally. Detailed information as desired is sent herewith as Statement-A.

The remaining activities for Rs. 80.15 Crore (239.93-159.78) were deferred by the National Authority. Detailed justification for these deferred activities is also sent herewith as Statement-B for your kind perusal.

It is requested that the above mentioned activities included in the APO 2022-23 may kindly be approved at the earliest to carry out and complete the works within remaining period of current financial year.

Encl. As Above


Chief Executive Officer,
State Authority (CAMPA)

Information in respect of Items approved by National Authority under Compensatory Afforestation subject to Certain Remarks APO 2022-23 (Punjab)

Sr. No.	Activity	Physical	Financial (Rs. In Crore)	Reply
1	Compensatory Afforestation in Waterlogged Areas (Forest Land)	Advance work 9.720 ha. Plantation 9.720 ha. Maintenance 72.047 ha	0.20	Deferred pending visit of Senior Consultant of National Authority. Senior Consultant of National Authority, New Delhi visited the sites of Waterlogged Area under CA dated 09.09.2022. Amount of Rs. 0.20 Crore may kindly be finally approved.
2	Additional Compensatory Afforestation (Tall Plant)	Planting of 121502 and maintenance 473479 plants	6.94	Approved by National authority subject to submission of on survival percentage. Report on Survival Percentage as desired is attached (Annexure-A and B).
3	Translocation of Plants/Poles/ trees affected under FCA, 1980		3.60	
	Patrolling, Protection and Monitoring related equipment		3.46	Approved by National authority subject to submission of original project in FC. Details of Projects sanctioned by MoEF &CC are attached (Annexure-C and D).
	Entry point activities and Mesquite removal Project		4.52	
	Total		18.72	

DIVISION WISE DETAIL OF SURVIVAL PERCENTAGE OF ADDITIONAL COMPENSATORY AFFORESTATION (ACA)

S.No.	Name of Division	Component	Tall Plants Target	Tall Plants Achievement	Survival Percentage
1	Ferozepur	Plantation 2022-23	92	92	100
		Maintenance 2021-22 (1st)	0	0	-
		Maintenance 2020-21 (2nd)	0	0	-
		Maintenance 2019-20 (3rd)	61694	61694	82-85
		Maintenance 2018-19 (4th)	22984	22984	79-81
2	Sri Muktsar	Plantation 2022-23	52980	52980	97
		Maintenance 2021-22 (1st)	9314	9314	88
		Maintenance 2020-21 (2nd)	62200	62200	85
		Maintenance 2019-20 (3rd)	8354	8354	79
		Maintenance 2018-19 (4th)	24522	24522	75
3	Bathinda	Plantation 2022-23	1482	1482	100
		Maintenance 2021-22 (1st)	1046	1046	95-98
		Maintenance 2020-21 (2nd)	6982	6982	90-98
		Maintenance 2019-20 (3rd)	218	218	92-97
		Maintenance 2018-19 (4th)	7132	7132	80-89
4	Patiala	Plantation 2022-23	0	0	-
		Maintenance 2021-22 (1st)	96	96	85
		Maintenance 2020-21 (2nd)	2760	2760	75
		Maintenance 2019-20 (3rd)	1655	1655	72
		Maintenance 2018-19 (4th)	462	462	70
5	Sangrur	Plantation 2022-23	3024	3024	90-100
		Maintenance 2021-22 (1st)	2400	2400	80-90
		Maintenance 2021-22 (2nd)	5000	5000	80-85
		Maintenance 2021-22 (3rd)	0	0	-
		Maintenance 2021-22 (4th)	4221	4221	75-85
6	Ludhiana	Plantation 2022-23	0	0	-
		Maintenance 2021-22 (1st)	1070	1070	97
		Maintenance 2021-22 (2nd)	246	246	95
		Maintenance 2021-22 (3rd)	0	0	-
		Maintenance 2021-22 (4th)	29560	29560	90
7	Mansa	Plantation 2022-23	4302	4302	100
		Maintenance 2021-22 (1st)	0	0	-
		Maintenance 2020-21 (2nd)	60	60	70
		Maintenance 2019-20 (3rd)	27501	27501	72
		Maintenance 2018-19 (4th)	17970	8985	70
8	Amritsar	Plantation 2022-23	-	-	-
		Maintenance 2021-22 (1st)	-	-	-
		Maintenance 2020-21 (2nd)	7580	7580	88
		Maintenance 2019-20 (3rd)	29500	29500	70
		Maintenance 2018-19 (4th)	-	-	-
9	Gurdaspur	Plantation 2022-23	11950	11950	100
		Maintenance 2021-22 (1st)	-	-	-
		Maintenance 2020-21 (2nd)	-	-	-
		Maintenance 2019-20 (3rd)	1020	-	78
		Maintenance 2018-19 (4th)	-	-	-

**DIVISION WISE DETAIL OF SURVIVAL PERCENTAGE OF ADDITIONAL COMPENSATORY
AFFORESTATION (ACA)**

S.No.	Name of Division	Component	Tall Plants Target	Tall Plants Achievement	Survival Percentage
10	Jalandhar	Plantation 2022-23	47628	37628	95
		Maintenance 2021-22 (1st)	0	0	-
		Maintenance 2020-21 (2nd)	12	12	100
		Maintenance 2019-20 (3rd)	0	0	-
		Maintenance 2018-19 (4th)	0	0	-
11	Ropar	Plantation 2022-23	4392	4392	100
		Maintenance 2021-22 (1st)	2448	2448	80.85
		Maintenance 2020-21 (2nd)	650	650	75.8
		Maintenance 2019-20 (3rd)	75000	75000	73.75
		Maintenance 2018-19 (4th)	23650	23650	73.75
12	Garhshankar	Plantation 2022-23	0	0	-
		Maintenance 2021-22 (1st)	298	298	90.6
		Maintenance 2020-21 (2nd)	17877	17877	94
		Maintenance 2019-20 (3rd)	0	0	-
		Maintenance 2018-19 (4th)	0	0	-
13	SAS Nagar	Plantation 2022-23	0	0	-
		Maintenance 2021-22 (1st)	0	0	-
		Maintenance 2020-21 (2nd)	0	0	-
		Maintenance 2019-20 (3rd)	0	0	-
		Maintenance 2018-19 (4th)	17992	17992	97
	Note:	DFO Jalandhar will achieve the target of 37628 plants during the year 2022-23 under ACA.			

DIVISION WISE DETAIL OF SURVIVAL PERCENTAGE OF TRANSLOCATION OF TREES

S.No.	Name of Division	Activity	No. of Plants Translocated	No. of Plants Survived	Location of Original Site	Site to which translocated	Survival Percentage
1	Sri Muktsar	2021-22	195	102	DHS road km 320-322 B/s-325-341 B/s (Lambi Range)	1) DHS, Road km 319-339 B/s 2) Killianwali Minor RD 20-24 B/s 3) Sukhchain Disty RD deon Khera Pul to Malko ki Pul R/s	52
			143	3	DHS Road KM 360-375 B/s, Abohar bypass km 0-10 B/s Abohar ganganagar road km 13-15, 17-18, 21-22, 25-26 L/s (Abohar range)	1) AB Canal RD 617-630 L/s 2) Punjab Disty RD 0-10 L/s	2
2	Bathinda	2021-22	20	12	Bathinda- Dabwali road	Mehta Minor rd Gurusar sehwala to pull R/s & Bathinda Dabwali road to Dunewala Kacha rasta pul main road R/s	60
		2021-22	30	28	Bathinda- Dabwali road	Lissara Drain 238-241 L/s	93.3
3	Patiala	2021-22	99	40	Khanori-Kainthal Road Km 5-7 R/S	Khanori-Kainthal Road Km 5-6 B/S	65
				13	Chandigarh-Hisar Road KM 17 to 119 B/S	Attalan Sub Minor RD 0 to Tail	64
				1	Ghaggar to Brass Link Road Km 2 to 3 R/S	Attalan Sub Minor RD 0 to Tail	100
				10	B.M.L. RD 430-431 B/S	B.M.L RD 430-431 L/S	71
				2	Retgarh-Shutrana Link Road B/S	B.M.L RD 430-431 L/S	100
4	Sangrur	2021-22	36	28	Samana Bhawanigarh Road km 15.80 to 20.30 B/s	Samana Bhawanigarh Road	78
			33	25	Bhwanigarh kot Shamir Road km 4-6 B/s Balad Branch	Bhwanigarh kot Shamir Road km 4-6 B/s Balad Branch	75
			20	18	Nabha Malerkotla Road km 29.31 B/s Patiala Sangrur Road km 242-243 L/s	Nabh Malerkotla Road km 29.31 B/s Patiala Sangrur Road km 242-243 L/s	90
5	Amritsar	2021-22	567	249	List Attached	List Attached	43
6	Gurdaspur	2021-22	951	608	List Attached	List Attached	64
7	Jalandhar	2022-23	1	0	Phillaur Distributry R/S	Phillaur Distributry RD 74-75 B/s	0
			8	4	Sidhwan Minor km 15-16 B/s		50
			28	12	Noormahal to Nakodar road Km 9-10 R/s		42.86
			35	16	Noormahal to Nakodar road km 9-10 L/s		45.71

Annexure B, Sr. No. 5 Amritsar

Table 2 (Translocation of Trees)

Sr. No.	Name of Division	Year	No. of plants translocated	No. of Plants survived	Location of original site	Site to which translocated	Survival percentage
1	Amritsar	2021-22	19	11	G.T road 430 to 436	Khakh Sab Minor RD 0 to Bheeni pul	57
			6	4	G.T road 430 to 436	Khakh Sab Minor RD 0 to Bheeni pul	66
			17	16	G.T road 430 to 436	Khakh Sab Minor RD 0 to Bheeni pul	94
			1	1	G.T road 430 to 436	Khakh Sab Minor RD 0 to Bheeni pul	100
			1	0	G.T road 430 to 436	Khakh Sab Minor RD 0 to Bheeni pul	0
			4	3	G.T road 430 to 437	Khakh Sab Minor RD 0 to Bheeni pul	75
			2	1	G.T road 430 to 438	Khakh Sab Minor RD 0 to Bheeni pul	50
			13	4	GT Road 445 to 446 R/S	Bhishamberpur Distributri RD Devidaspur to Khera Farm R/s	30.76

			Devidaspur to Khera Farm R/S	
48	6	Amritsar Shri Hargobingpur Mehra Road B/S	KBL RD 120-121 L/S	13%
40	17	Amritsar Shri Hargobingpur Mehra Road B/S	KBL RD 120-121 L/S	42.50%
12	4	Amritsar Shri Hargobingpur Mehra Road B/S	KBL RD 120-121 L/S	12%
150	55	Ajnala Road 0- 12 B/s	LBC Rd 112 to 116 Chhina Pul to Tolla Nangal Road L/s	35%
6	0	Ajnala Road 0- 12 B/s	LBC Rd 112 to 116 Chhina Pul to Tolla Nangal Road L/s	-
5	0	Ajnala Road 0- 12 B/s	LBC Rd 112 to 116 Chhina Pul to Tolla Nangal Road L/s	-
1	0	Ajnala Road 0- 12 B/s	LBC Rd 112 to 116 Chhina Pul to Tolla Nangal Road L/s	-
2	0	Ajnala Road 0- 12 B/s	LBC Rd 112 to 116 Chhina Pul to Tolla Nangal Road L/s	-
4	2	Ajnala Road 0- 12 B/s	LBC Rd 112 to 116 Chhina Pul to Tolla Nangal Road L/s	50%
1	-	Ajnala Road 0- 12 B/s	LBC Rd 112 to 116 Chhina Pul to Tolla Nangal Road L/s	-
5	1	Ajnala Road 0- 12 B/s	LBC Rd 112 to 116 Chhina Pul to Tolla Nangal Road L/s	20%
86	48	Amritsar-Dera Baba Nanak Road km 12.50 to 46 B/s	Sarai Minor B/s	54%
5	2	Amritsar-Dera Baba Nanak Road km 12.50 to 46 B/s	Sarai Minor B/s	40%
3	1	Amritsar-Dera Baba Nanak Road km 12.50 to 46 B/s	Sarai Minor B/s	33%
6	1	Amritsar-Dera Baba Nanak Road km 12.50 to 46 B/s	Sarai Minor B/s	16%
10	2	Amritsar-Dera Baba Nanak Road km 12.50 to 46 B/s	Sarai Minor B/s	20%
4	0	Amritsar-Dera Baba Nanak Road km 12.50 to 46 B/s	Sarai Minor B/s	-
7	1	Amritsar-Dera Baba Nanak Road km 12.50 to 46 B/s	Sarai Minor B/s	14%
1	1	Amritsar-Dera Baba Nanak Road km 12.50 to 46 B/s	Sarai Minor B/s	100%
1	0	Amritsar-Dera Baba Nanak	Sarai Minor B/s	0%

		Road km 12.50 to 46 B/s		
8	7	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	87.5
8	8	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	100
4	3	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	75
1	1	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	100
1	0	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	0
2	0	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	0
1	0	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	0
1	0	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	0
1	0	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	0
2	1	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	50
2	0	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	0
1	0	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	0
1	0	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	0
3	0	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	0
1	0	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	0
1	0	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	0
1	0	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	0
1	0	Amritsar-Chahal road km 9-17 B/s, NH-54	MBL Bhoru to Thathgarh R/s-200	0
	TOTAL			
	567	249		43.92%
2	Amritsar			
	2022-23			

Table-2 (Translocation of Trees)

Annex-B Sr. No 6- Dfo Gurdaspur

Sr. No.	Name of Division	Activity	No. of Plants Translocated	No. of Plants survived	Location of Original Site	Site to Which translocated	Survival Percentage
1	Gurdaspur	2021-22	7	7	MBU Canal Rd. 15-16 R/s	MBU Canal Rd. 15-16 L/s	100%
2			20	20			100%
3			1	0			0%
4			1	0			5
5			1	1			100%
6			1	0	0		
7			3	0	0		
8			2	2	100%		
9			1	0	0%		
10			5	4	66%		
11			13	9	70%		
12			13	9	70%		
13			1	0	0%		
14			195	123	63%		
15			38	9	23%		
16			95	32	33%		
17			2	0	0%		
18			54	42	66%		
19			65	42	65%		
20			1	1	100%		
21			5	4	67%		
22			29	24	83%		
23			4	0	0%		
24			2	0	0%		
25			5	2	40%		
26			5	2	40%		
27			1	0	0%		
28			1	1	100%		
29			1	1	100%		
30			2	0	0%		
31			1	1	100%		
32			1	0	0%		
33			1	1	100%		

Annexure-B, Sr. No. 6 Gurdaspur

Table-2 (Translocation of Trees)

Sr. No.	Name of Division	Acitivity	No. of Plants Translocated	No. of Plants survived	Location of Original Site	Site to Which translocated	Survival Percentage
34	Gurdaspur	2021-22	13	9	S.B.C. Canal Rd. 46-47 L/s	S.B.C. Canal Rd. 46-47 L/s	69%
35			15	14			93%
36			4	4			100%
37			1	1			100%
38			21	21			100%
39			3	3			15%
40			7	1			0%
41			0	0			100%
42			1	1			0%
43			1	0			0%
44			1	0			0%
45			2	1			50%
46			2	1			50%
47			5	2			40%
48			18	15	83%		
49			2	2	100%		
50			1	1	100%		
51			1	1	100%		
52			3	3	100%		
53			1	1	100%		
54			18	8	45%		
55			34	17	50%		
56			7	3	43%		
57			2	1	50%		
58			9	9	100%		
59			1	1	100%		
60			2	2	100%		
61			16	12	75%		
62	8	8	100%				
63	1	1	100%				
64	1	1	100%				
65	2	0	0%				
66	2	1	50%				

Sr. No.	Name of Division	Activity	No. of Plants Translocated	No. of Plants survived	Location of Original Site	Percentage
67	Gurdaspur	2021-22	16	13	Mehta to Ghoman Road Km. 3.50 to 10 B/s	79%
68			51	40		80%
69			25	25		100%
70			4	3		75%
71			2	2		100%
72			2	1		50%
73			4	2		50%
74			2	2		100%
75			2	2		100%
76			1	1		100%
77			1	0		0%
78			1	1		100%
79			1	1		100%
80			1	1		100%
81			1	1		100%
82			2	1		50%
83			2	2		100%
84			8	4		50%
85			1	0		0%
86			1	0		0%
87			2	1		50%
88			1	1		100%
89			1	1		100%
90			1	1		100%
91			1	0		0%
92			8	8		100%
93	4	4	100%			
94	6	6	100%			
95	1	0	0%			
96	3	2	66%			
Total			951	608		64%

Divisional Forest Officer,
Gurdaspur

Specific activities approved under Compensatory Afforestation by the Govt. of India Patrolling, Protection and Monitoring related Equipment				
Sr. No	Name of Components	Name of Division	Sanction No	Date
1	Patrolling Vehicle	Bathinda	9PBC440/2021-CHA	22.12.2021
		Muktsar	9PBC407/2018-CHA	11.01.2019
			9-PBC451/2021-CHA	17.12.2021
		Ferozepur	9-PBC406/2018-CHA	12.02.2019
		Patiala	9PBC377/2017-CHA	10.01.2018
		Pathankot	8-17/2010-FC	18.10.2010
		Jalandhar	9PBC348/2016-CHA	24.10.2017
		Garhshankar	9PBC315/2021/-CHA	21.06.2018
		Mansa	9PBC369/2018-CHA	16.01.2019
2	Truck 407	Muktsar	9-PBC451/2021-CHA	17.12.2021
		Ferozepur	9-PBC372/2018-CHA	11.12.2018
3	Tractor	Bathinda	9PBC440/2021-CHA	22.12.2021
		Dasuya	9PBC322/2020-CHA	30.06.2020
		Muktsar	9-PBC451/2021-CHA	17.12.2021
		Ferozepur	9PBC310/2016-CHA	24.07.2019
		Amritsar	9PBC310/2016-CHA	24.07.2019
		Sangrur	9PBC369/2018-CHA	16.01.2019
		Garhshankar	9PBC371/2016-CHA	12.06.2017
4	Trolley	Pathankot	8-17/2010-FC	18.10.2010
5	Water Tanker	Pathankot	8-17/2010-FC	18.10.2010
		Jalandhar	9PBC343/2021-CHA	24.09.2021
6	Pump Set	Muktsar	9-PBC451/2021-CHA	17.12.2021
7	Tubewell	Jalandhar	9PBC369/2019-CHA	07.07.2020
8	Augar	Muktsar	9-PBC451/2021-CHA	17.12.2021
		Jalandhar	9PBC369/2019-CHA	07.07.2020
9	Tree Guard	Mansa	9PBC369/2018-CHA	16.01.2019
		Jalandhar	9PBC369/2019-CHA	07.07.2020
		Garhshankar	9PBC371/2016-CHA	12.06.2017
10	Photostat Machine	Jalandhar	9PBC369/2019-CHA	07.07.2020
11	GPS	Jalandhar	9PBC369/2019-CHA	07.07.2020

Division wise detail of Entry Point Activities/ Mesquite removal under APO 2022-23						
Sr. No.	Govt. of India/State Govt. Approval No.	Approval Date	Forest area diverted (in Ha.)	Amount Entry Point Activities	Mesquite removal	
Sri Mukatsar Sahib Forest Division						
1	9PBC313/2019-CHA	25.10.2019	22.1701	4859306		
2	9PBC320/2020-CHA	08.07.2020	77.3655	8862080		
3	9PBB355/2019-CHA	11.05.2020	4.8714	935240		
4	9-PBB384/2020-CHA	10.05.2021	2.1190	397185	385430	
5	9-PBB384/2020-CHA	04.06.2021	3.9520	742230	722710	
6	File No. Forest-FCAOFC/M/8/2021-FCA	07.12.2021	0.1000	12175		
7	File No. Forest-FCAOFC/M/5/2021-FCA	16.07.2021	0.0896	10910		
8	File No. Forest-FCAOFC/M/11/2021-FCA	22.07.2021	0.0064	4870		
9	File No. Forest-FCAOFC/M/1/2021-FCA	23.07.2021	0.00485	5174		
10	File No. Forest-FCAOFC/4R/22/2020-FCA	31.07.2021	0.0140	5770		
11	9-PBB333/201-CHA	19.08.2021	0.848	134412		
12	9-PBB361/2021-CHA	10.08.2021	0.1465	17824		
13	File No.FOREST-FCA0FC1M/33/2020-FCA	02.09.2021	0.0106	5537		
14	File No. Forest-FCAOFC/1M/7/2021-FCA	29.09.2021	0.007	5308		
15	File No.FOREST-FCA0FC1M/6/2021-FCA	08.10.2021	0.04455	5455		
16	9-PBB363/2021-CHA	27.10.2021	0.098	11932		
17	File No.FOREST-FCA0FC1M/23/2020-FCA	09.11.2021	0.00227	5013		
18	File No.FOREST-FCA0FC1M/25/2021-FCA	13.12.2021	0.0857	10422		
19	9-PBC451/2021-CHA	17.12.2021	58.733	5720594	4956502	
				SubTotal	21751437	6064642
				Total (EPA+Mesquite Removal)	27816079	
Bathinda Forest Division						
1	9PBC320/2020-CHA	08.07.2020	77.3655	6187623		
2	I/167143/2021	07.04.2021	0.0935	25997		
3	9-PBB340/2021-CHA	05.08.2021	0.0747	20992		
4	9-PBB315/2021-CHA	12.05.2021	0.0737	21006		
5	I/206876/2021	30.06.2021	0.011461	4870		
6	I/215250/2021	20.07.2021	0.0167	4870		
7	I/215887/2021	22.07.2021	0.00342	4870		
8	I/221105/2021	31.07.2021	0.0169	4870		
9	9-PBB365/2021-CHA	04.08.2021	0.6424	78212		
10	9-PBB325/2021-CHA	13.08.2021	0.0683	28319		
11	I/241161/2021	02.09.2021	0.015864	4870		
12	I/250651/2021	17.09.2021	0.0118	4870		
13	I/257918/2021	30.09.2021	0.003772	4870		
14	I/264378/2021	12.10.2021	0.0180	4870		
15	9-PBB338/2021-CHA	22.10.2021	3.461	337588		
16	I/296849/2021	21.12.2021	0.0402	4919		
17	I/271995/2021	28.10.2021	0.6812	85570		
18	9-PBC440/2021-CHA	22.12.2021	35.264	4752914		
19	I/292030/2021	13.12.2021	0.0419	6871		
20	I/296868/2021	21.12.2021	0.0655	7987		
21	I/295153/2021	17.12.2021	0.007446	6898		
				Total	11603856	

Sr. No.	Govt. of India/State Govt. Approval No.	Approval Date	Forest area diverted (in Ha.)	Amount Entry Point Activities	Mesquite removal
Ferozpur Forest Division					
1	9PBBB381/2020-CHA	29.06.2021	0.078535	11466	
2	I/196145/2021	11.06.2021	0.005246	5850	
3	I/208389/2021	07.07.2021	0.02504	5850	
4	I/208391/2021	07.07.2021	0.04978	5850	
5	I/206175/2021	02.07.2021	0.00313	5850	
6	Forest-FCA0FC1F/11/2021-FCA	26.08.2021	0.0921	13455	
7	I/288523/2021	30.09.2021	0.0106	5850	
			Total	54171	
Ropar Forest Division					
1	9PBC314/2020-CHA	12.11.2020	35.9767	200000	
2	9PBB320/2021-CHA	16.08.2021	0.4670	56500	
3	9PBB317/2021-CHA	19.08.2021	1.03	100000	
4	9-PBC432/2021-CHA	12.11.2021	9.171	300000	
			Total	656500	
S.A.S Nagar Forest Division					
1	Forest-FCA0FC4S/14/2021-FCA	24.08.2021	0.0280	4870	
Nawanshaher Forest Division					
1	9PBB318/2021-CHA	20.07.2021	4.80	48697	
2	I/254230/2021	23.09.2021	0.0227	4870	
			Total	53567	
Amritsar Forest Division					
1	9PBB382/2021-CHA	08.09.2021	0.4285	40297	
2	9PBB355/2021-CHA	08.09.2021	0.0975	11882	
3	I/257091/2021	19.10.2021	0.1182	14390	
4	Forest-FCA0FC5A/39/2021-FCA	25.10.2021	0.0140	4870	
			Total	71439	
Gurdaspur Forest Division					
1	I/218595/2021	27.07.2021	0.0123	7139	
2	9PBB372/2021-CHA	23.09.2021	0.0063	7139	
3	I/234352/2021	21.08.2021	2.0554	6425	
4	I/140478/2021	05.02.2021	0.0111	10707	
5	I/276577/2021	12.11.2021	0.0142	7138	
			Total	38548	
Hoshiarpur Forest Division					
1	9-PBB359/2021-CHA	20.07.2021	0.0792	14122	
Pathankot Forest Division					
1	9-PBB378/2021-CHA	23.09.2021	0.1637	23093	
2	9-PBB369/2009-CHA	03.01.2022	3.1000	350073	
			Total	373166	
Patiala Forest Division					
1	I/157868/2021	17.03.2021	0.0168	5795	
2	9-PBB322/2021-CHA	24.05.2021	0.143	20745	
3	9-PBB323/2021-CHA	22.07.2021	0.0443	10431	
4	9-PBB305/2021-CHA	13.05.2021	0.2408	40564	
5	9-PBB375/2021-CHA	24.09.2021	2.40	278150	
6	9-PBB341/2021-CHA	04.08.2021	0.5325	44391	
7	9-PBB364/2021-CHA	11.08.2021	0.0076	3335	
8	9-PBC367/2020-CHA	23.03.2021	5.1622	401554	
			Total	804965	
Mansa Forest Division					
1	9-PBB316/2021-CHA	09.06.2021	0.0134	4870	
2	I/225581/2021	06.08.2021	0.0111	4870	
3	9-PBB372/2021-CHA	27.07.2021	0.0240	4870	
			Total	14610	

Sr. No.	Govt. of India/State Govt. Approval No.	Approval Date	Forest area diverted (in Ha.)	Amount Entry Point Activities	Mesquite removal
Sangrur Forest Division					
1	9-PBB314/2021-CHA	20.05.2021	0.081513	12169	
2	9-PBB328/2021-CHA	07.06.2021	0.1905	11068	
3	Forest-FCA0FC2S/20/2021-FCA	01.07.2021	0.0071	5795	
4	9-PBB332/2021-CHA	20.07.2021	0.09312	7533	
5	I/215889/2021	22.07.2021	0.0856	12400	
6	I/250842/2021	17.09.2021	0.025	5795	
7	I/252792/2021	21.09.2021	0.0133	5795	
8	9-PBC368/2020-CHA	01.04.2021	15.46441	3584657	
9	I/257479/2021	20.09.2021	0.00385	5795	
				Total	3651007
				G.Total	45156900

Details of Deferred activities of the APO 2022-23 (Punjab) and their justification/ reply for approval of National Authority (NPV)

Sr. No.	CAF Act/Rules	Activity (Annexure)	Physical	Financial (Rs. In Crore)	Justification /Reply
1	5 (2) (b)	Maintenance of Irrigated Bamboo Plantation in Forest area (Annexure-7)	Maintenance 145 ha.	0.71	During 2021-22, Bamboo plantation on 145 ha. has been carried out as per APO approved by the National Authority, New Delhi. Maintenance of this 145 ha. with the provision of Rs. 0.71 Crore has been included in the APO 2022-23.
2	5 (2)(c) (g)	Silvicultural operations in forest, Soil and Moisture Conservation works in the Forest (Annexure-8)		17.20	The works in the amount of Rs. 17.20 crore include interventions ancillary to afforestation like Silvicultural operations to improve quality of young plantations and to open up canopy to promote Natural Regeneration. In addition, this includes core Soil and Moisture Conservation works to treat soil erosion and improve water regime by creating Brushwood Check Dams, Single Line Live Hedge, Dry Stone Check Dams, Crate Wire Structures, Cement Masonry Check Dams, Renovation of Ponds etc. KML files of the sites where Soil and Moisture Conservation works are to be carried out have already been sent to National Authority, New Delhi. Soil and moisture conservation work will

Sr. No.	CAF Act/Rules	Activity (Annexure)	Physical	Financial (Rs. In Crore)	Justification /Reply
					<p>be carried out in an integrated manner under watershed approach from "ridge to valley only in degraded forests. Focus will be on assisted natural regeneration and supplemented by artificial seeding with quantifiable monitoring parameters. Construction of Dams, Stop Dam and ponds and their deepening are to be taken up only if they are a part of an integrated soil and moisture conservation plan of the catchment area: Since this component (SWC for regeneration of forests) is a very large work, the efficacy of the design and the activities will be concurrently monitored by a reputed independent agency. Actions will be, accordingly, taken during the lifetime of each project. The overall impact on improved forest regeneration shall be shared with NAEB (MoEF&CC) on an annual basis.</p>
3	5 (2)(d) (e) (f)	Protection of plantation and Forest, Forest Fire prevention, control operations and Pest and disease control in Forest (Annexure-9)		22.87	<p>Rs. 4.00 crore provided for Demarcation and Digitization of Forests boundaries. National Authority has directed State Forest Departments to complete this work within six months as per their letter no F.No. NA-15/33/2020-NA dated 21.09.2022.</p>

Sr. No.	CAF Act/Rules	Activity (Annexure)	Physical	Financial (Rs. In Crore)	Justification /Reply
					<p>Rs 15.57 Crore provided for installation of Boundary Pillars, Bamboo tree guards and fencing of Birs for protection of Forests and plantations.</p> <p>Rs. 1.86 Crore Provided for fire watchers and spray pump for forest fire prevention and control operations. Protection of Forests from Forest Fires is an important Mandate of the Department. Fire Watchers play a very important role in controlling and extinguishing fires.</p> <p>Rs 1.44 crore provided for purchase and installation of Total Station survey for use the data generated by radar and digital receivers to provide both distance and height measurements over a land survey</p>
4	5 (3) (e)	<p>construction of residential and official buildings in forest for Frontline staff up to the rank of Range officers deployed for protection of forest and wildlife, Construction, up-gradation and maintenance of inspection paths, forest roads in forest area, fire lines, watch towers, check posts</p>		3.02	<p>Rs. 1.20 Crore for construction of Range office, Range Residence and Forester/ Forest Guard houses, inspection hut for frontline staff and upkeep of SFRI, Ladhawal, Ludhiana.</p> <p>Rs. 1.82 Crore for creation of 129 KM fire lines and maintenance of 180 Km fire lines created in previous years out of Campa fund</p>

Sr. No.	CAF Act/Rules	Activity (Annexure)	Physical	Financial (Rs. In Crore)	Justification /Reply
		etc. (Annexure-10)			
5	5 (3) (g)	Survey and mapping of forest area for forest fire control compensatory afforestation works and wildlife management for preparing Annual Plan to be executed from State Fund, Independent concurrent monitoring and evaluation and third party monitoring of various works under taken from State Fund (Annexure-11)		5.40	Rs. 2.50 Crore provide for Survey by LiDAR Technology, use of Drones and also survey by ICAR, Chandigarh. The State Authority has made arrangements for providing five year (from 2022-23 to 2026-27) Soil Moisture Treatment Plan for survey and preparation of DPR of Six forest Divisions in Kandi Area of the State with ICAR-Indian Institute of Soil and Water Conservation. Rs. 2.90 Crore provide for independent concurrent Monitoring and evaluation, 3 rd party Monitoring and evaluation by FRI, Dehradun and purchase of drone for Monitoring purpose. An MOU for Monitoring and evaluation for the plantation carried out during the year 2019-20, 2020-21 and 2021-22 has been executed with FRI, Dehradun.
6	5 (3) (c)	Purchase and maintenance of equipment or devices used for communication and information technology for the purpose of protection of forest and wildlife		1.78	The State Authority is in process of use of communication and information technology for fast flow of information at various levels and effective Monitoring and evaluation of all the activities proposed in the APO 2022-23.

Sr. No.	CAF Act/Rules	Activity (Annexure)	Physical	Financial (Rs. In Crore)	Justification /Reply
7	5 (3) (i)	<p data-bbox="734 365 954 397">(Annexure-13)</p> <p data-bbox="734 402 1097 760">Publicity cum awareness programme and exhibition on various schemes being implemented by the State Authority from State Fund and Capacity building of personal involved in utilization of State Fund (Annexure-14)</p>		1.48	<p data-bbox="1521 365 2100 592">In order to implement the State Vision Plan and achieve Sustainable Goals, it is essential to reach out to all the State holders of the State. Therefore a provision of Rs. 0.74 Crore has been proposed for the forest divisions in the APO 2022-23.</p> <p data-bbox="1521 597 2100 1052">The importance of training can never be over emphasised in rapidly changing scenario in forest sector. The State Authority has proposed training for Computer Literacy for uploading of data on e-green watch portal, Prevention and control of forest fire, Training for capacity building and awareness of front line staff, other Stake holders and National level workshop on sustainable management of Soil and Water resources in forest area. Therefore, a provision for Rs. 0.74 crore has been proposed.</p>

Sr. No.	CAF Act/Rules	Activity (Annexure)	Physical	Financial (Rs. In Crore)	Justification /Reply
8	5 (2)(i)	Biodiversity Management in Wildlife (Annexure-15)		10.02	This includes wildlife activities in wildlife divisions of the Forest Department such as Assisted Natural regeneration, Artificial regeneration by plantation in wildlife areas, Forest Fire Prevention & Control Operations, Soil and Moisture Conservation Works in Wildlife Areas, Improvement of Wildlife habitat as per Prescribed in the approved Wildlife Management Plan, Establishment Operation and Maintenance of animal rescue centre and veterinary treatment facilities for wild animals, Management of Biological Diversity and Biological Resources and Restoration of invasive species infested wildlife habitat in saline & alkaline areas in wild life sanctuaries etc. The Provision has been made as per the CAF Rules, 2018 and as per prescribed in approved Wildlife Management Plan and are required for Biodiversity Management in Wildlife
9	5 (3) (b)	Biodiversity Management in Wildlife (Annexure-16)		4.27	Out of Rs. 5.99 Crore an amount of Rs. 0.60 Crore has been approved by the National Authority. And remaining amount of Rs. 5.39 Crore includes the following :- Rs. 1.50 Crore (50+100) has been made to offset incremental cost of compensatory afforestation and wildlife management
10	6 (a) (i to v)	Activities out of 60% of interest accrued on deposit in State Fund (Annexure-17)		5.39	

Sr. No.	CAF Act/Rules	Activity (Annexure)	Physical	Financial (Rs. In Crore)	Justification /Reply
11	6 (b) (i to v)	Activities out of 40% of		1.60	<p>plan due to increase wage rates. Rs. 0.34 Crore made for the salary and allowances of regular staff of State Authority. Rs. 0.20 Crore (0.80-0.60) made for the payment to be contractual and other Staff of State Authority. Contractual Staff has been engaged since the operation of Adhoc-campa for the preparation of accounts, assistance in preparation of APO's and day to day activities of the State Authority. Rs. 0.10 Crore is for payment to the seating fees and allowances to nominated members of the State Authority. Rs. 0.10 Crore is for payment to the Accountant General (Audit), Punjab for payment of Audit Fees. Rs. 0.10 Crore provided for consultancies for social community mobilization/ Young Professionals as IT experts. Rs. 1.44 Crore made for purchase of Solar lights in forest fringe villages. Rs. 1.61 Crore for purchase of Motor bikes with GPS for frontline staff for protection and Patrolling in forest areas.</p> <p>An amount of Rs. 1.60 Crore has been</p>

Sr. No.	CAF Act/Rules	Activity (Annexure)	Physical	Financial (Rs. In Crore)	Justification /Reply
		interest accrued on deposit in State Fund (Annexure-18)			<p>provided for the following :- Rs. 0.50 Crore has been made for office establishment of State Authority. Rs. 0.50 Crore for office equipment's computers, up-gradation of IT infrastructure. Rs. 0.50 Crore for hiring of vehicles for field inspection as purchase of vehicles is prohibited under CAMPA. Rs. 0.10 Crore for contingent expenditure for the management of the State Authority.</p>
12	6 (b) (vi)	Innovative Projects (out of interest) (Annexure-18-A)		6.41	<p>Rs. 0.73 Crore provided for lantana removal with plantation in current year and maintenance of lantana removal carried out during 2021-22 to improve the soil quality. Rs. 0.45 Crore provided for Afforestation in Nine Polluted NACs for Air Pollution Abatement as directed by order of National Green Tribunal communicated by National Authority for maintenance of plantation done in 2021-22. Rs. 3.00 Crore provided for establishment of Centre of Excellence for Research and Training, Preparation of REDD + plan for Punjab etc. Rs. 0.97 Crore provided for Preparation, Distributions and spreading of seed balls,</p>

Sr. No.	CAF Act/Rules	Activity (Annexure)	Physical	Financial (Rs. In Crore)	Justification /Reply
					<p>new research plots of Bamboo and Enrichment Planting in Plains in different Agro-climatic Zones/ canals on pilot basis etc.</p> <p>Rs. 0.77 Crore provided for Restoration of Bir Kulemajra, Patiala.</p> <p>Rs. 0.50 Crore provided for Wood Certification and Carbon Credit works by TERI.</p>
		Total		80.15	

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