

Email**N CAMPA**

Submission of CAMPA APO 2022-23 of State Authority , Odisha CAMPA

From : campa pccfodisha <campa.pccfodisha@gmail.com> Fri, Feb 04, 2022 06:33 PM
Subject : Submission of CAMPA APO 2022-23 of State Authority ,
Odisha CAMPA  1 attachment
To : Secretary Forest & Environment <fsec.od@nic.in>,
forestenv2016@gmail.com, forestandenv1@gmail.com,
N CAMPA <adhoc-campa-mef@nic.in>


Sir/Madam

Find the attachment copy.

Thank you

Chief Executive Officer, CAMPA

O/o Principal Chief Conservator of Forests & HoFF
Forest Head Qtr., Odisha
Aranya Bhawan, Chandrasekharpur
Bhubaneswar

 **scan0109.pdf**
422 KB

From : campa pccfodisha <campa.pccfodisha@gmail.com> Fri, Feb 04, 2022 06:06 PM
Subject : Fwd: Submission of CAMPA APO 2022-23 of State
Authority , Odisha CAMPA  2 attachments
To : Secretary Forest & Environment <fsec.od@nic.in>,
forestenv2016@gmail.com, forestandenv1@gmail.com,
N CAMPA <adhoc-campa-mef@nic.in>

Find the attachment copy.

Thank you

Chief Executive Officer, CAMPA

O/o Principal Chief Conservator of Forests & HoFF
Forest Head Qtr., Odisha
Aranya Bhawan, Chandrasekharpur
Bhubaneswar

----- Forwarded message -----

From: **Addi PCCF CAMPA** <campa.pccfodisha@gmail.com>

Date: Fri, Feb 4, 2022 at 5:54 PM

Subject: Submission of CAMPA APO 2022-23 of State Authority , Odisha CAMPA

To: <fesec.od@nic.in>, Forest Secretary <forestenv2016@gmail.com>, <forestandenv1@gmail.com>, Ad-hoc CAMPA <adhoc-campa-mef@nic.in>

Sir/Madam

Find the attachment copy.

Thank you

Chief Executive Officer, CAMPA


O/o Principal Chief Conservator of Forests & HoFF
Forest Head Qtr., Odisha
Aranya Bhawan, Chandrasekharpur
Bhubaneswar

 **scan0109.pdf**
422 KB

 **SLSC Final Proceeding Regarding (1).pdf**
2 MB

Email**N CAMPA**

Submission of CAMPA APO 2022-23 of State Authority , Odisha CAMPA

From : campa pccfodisha <campa.pccfodisha@gmail.com> Fri, Feb 04, 2022 07:15 PM
Subject : Submission of CAMPA APO 2022-23 of State Authority , Odisha CAMPA  2 attachments
To : esec od <esec.od@nic.in>, forestenv2016@gmail.com, forestandenv1@gmail.com, N CAMPA <adhoc-campa-mef@nic.in>

Find the attachment copy.

Thank you

Chief Executive Officer, CAMPA


O/o Principal Chief Conservator of Forests & HoFF
Forest Head Qtr., Odisha
Aranya Bhawan, Chandrasekharpur
Bhubaneswar

 **PCCF Letter to N CAMPA.pdf**
422 KB

 **APO 2022-23.pdf**
9 MB

Email**N CAMPA**

Submission of CAMPA APO 2022-23 of State Authority , Odisha CAMPA

From : campa pccfodisha <campa.pccfodisha@gmail.com> Mon, Feb 14, 2022 05:47 PM
Subject : Submission of CAMPA APO 2022-23 of State Authority , Odisha CAMPA  2 attachments
To : N CAMPA <adhoc-campa-mef@nic.in>

Sir,

Find the attachment of APO 2022-23 in PDF and Abstract in DOC format, kindly ignore the earlier submitted version

Thank you

Chief Executive Officer, CAMPA

O/o Principal Chief Conservator of Forests & HoFF
Forest Head Qtr., Odisha
Aranya Bhawan, Chandrasekharpur
Bhubaneswar

 **APO 22-23 Final Book.pdf**
13 MB

 **abstract Activity wise Details of APO 2022.docx**
40 KB



No. 2245 /10F (CAMPA) 57 /2021 Dated, Bhubaneswar the 04 February, 2022

From,

Sri Sisir Kumar Ratho, IFS
Principal CCF & HoFF, Odisha &
Chairman, Executive Committee

To,

The Chief Executive Officer,
National CAMPA Authority, Govt. of India,
Ministry of Environment, Forest & Climate Change,
Indira Paryavaran Bhawan, Jor Bagh Road
New Delhi -110003

Sub: **Submission of CAMPA Annual Plan of Operation (APO) 2022-23 of State Authority, Odisha CAMPA- regarding.**

Sir,

This is to inform that the Annual Plan of Operation 2022-23 of Odisha State CAMPA has been formulated and approved with financial outlay of Rs.1241.34 cores in the 19th meeting of State Level Steering Committee of State CAMPA held on 13.01.2022 under the Chairmanship of Chief Secretary, Odisha & Chairperson of State CAMPA Steering Committee. The APO has been prepared in consonance with rule 39 of CAF Rule 2018 and categorized into the four part i.e. Part-I, II, III and IV as prescribed in Form XII. The abstract outlay of APO 2022-23 is furnished hereunder.

Sl No	Component	Financial outlay (Rs in crore)
1	Compensatory Afforestation	80.39
2	Regional Wildlife Management Plan (RWLMP)	15.00
3	Site Specific Wildlife Management Plan	47.64
4	NPV (80% + 20%)	982.33
5	Utilization of Interest Money (60% + 40%)	115.98
	Total	1241.34

Soft copy of APO 2022-23 along with Annexures, proceedings of State Level Steering Committee meeting (Annexure II) held on 13.01.2022 of State CAMPA, Odisha are sent herewith for perusal and approval by the National Authority of CAMPA, Govt. of India.

Approval of APO 2022-23 of Odisha CAMPA by the Executive Committee of National Authority, CAMPA may kindly be communicated early.

Encl: As above.

Yours faithfully,


Principal CCF & HoFF, Odisha &
Chairman, Executive Committee.

Memo No. 2246 /Dated 04.02.2022

Copy along with soft copy of APO 2022-23 with Annexures forwarded to the Additional Chief Secretary to Government of Odisha, Forest, Environment & Climate Change Deptt., Bhubaneswar for kind information and necessary action.


Principal CCF & HoFF, Odisha &
Chairman, Executive Committee.



FOREST HEADQUARTERS, ODISHA
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS
ARANYA BHAWAN, BHUBANESWAR-23.

No. ¹³³⁵ / 10F (CAMPA)- 26/11 Dated, Bhubaneswar, the ^{24th} January, 2022

From

CEO (CAMPA) &
Member Secretary, Steering Committee,
State CAMPA, Odisha.

To

The Development Commissioner cum Addl. Chief Secretary
Planning & Convergence Deptt. Bhubaneswar
The Addl. Chief Secretary to Government,
Rural Development Deptt. Bhubaneswar
The Addl. Chief Secretary to Govt., Forest, Env CC Department.
The Principal Secretary to Govt., Finance Department.
The Principal Secretary to Govt. Revenue & Disaster Management Department.
The Principal Secretary to Govt. Pachayati Raj & Drinking Water Department
The Principal Secretary to Govt. Agriculture & Farmers Empowerment Department
The Principal Secretary to Govt. ST & SC Development Department
The Secretary to Govt. Science & Technology Department
The Principal Chief Conservator of Forests & HoFF, Odisha
The Principal Chief Conservator of Forests (Wildlife) & CWLW, Odisha
The Principal Chief Conservator of Forests (FD & No ,FC Act)
The DDGF, Intergrated Regional Office, MoEF &CC Govt of Ondia, Bhubaneswar
The Member Secretary State Forest Development Agency O/O PCCF, Odisha
Sri Raj Kishore Das, Officer on Special Duty, ST & SC Department.

Sub:- **19 th Meeting of the State Level Steering Committee of State CAMPA, Odisha-proceeding regarding.**

Madam/Sir,

I am directed to communicate herewith copy of the approved minutes of the 19th meeting of the State Level Steering Committee of State CAMPA, Odisha held on **13th January, 2022 on virtual mode** under the Chairmanship of Chief Secretary, Odisha for your information.

Yours faithfully,

Chief Executive Officer (CAMPA) &
Member Secretary, Steering Committee
State CAMPA, Odisha.

Memo No.

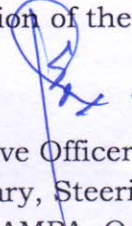
1336

/ Dated, the

24th

January, 2022

Copy along with copy of the proceeding of the 19th meeting of the State Level Steering Committee of State CAMPA, held on 13.01.2022 forwarded to the Private Secretary to Chief Secretary & Chairperson of the State Level Steering Committee of State CAMPA, Odisha for kind information of the Chairperson.


Chief Executive Officer (CAMPA) &
Member Secretary, Steering Committee
State CAMPA, Odisha.

GOVERNMENT OF ODISHA
FOREST, ENVIRONMENT & CLIMATE CHANGE DEPARTMENT

No.PT2-FE-DIV-MISC-0007-2018- 1375 /FE&CC, Date 20.01.22

From

Shri Dasaratha Sing,
Under Secretary to Government

To

The PCCF & HoFF, Odisha, Bhubaneswar.

Sub: Proceedings of the 19th meeting of the State Level Steering Committee of Compensatory Afforestation Fund Management & Planning Authority (State Authority) held on 13.01.2022.

Sir,

In inviting a reference to your Office File No.PCCFO-CAMPA-MISC-0001-2022 on the subject cited above, I am directed to enclose here with the approved proceedings of the 19th meeting of the State Level Steering Committee of Compensatory Afforestation Fund Management & Planning Authority (State Authority) held on 13.01.2022 under the Chairmanship of Chief Secretary, Odisha, Chairperson of the State Level Steering Committee, CAMPA, in original, for further necessary action.

Yours faithfully,


20/01/2022
Under Secretary to Government


Memo No. 1376 /FE&CC, date. 20.01.22

Copy along with copy of enclosures forwarded to the Senior PS to Chief Secretary, Odisha for kind information of Chief Secretary.


20/01/2022
Under Secretary to Government

Memo No. 1377 /FE&CC, date. 20.01.22

Copy forwarded to the PS to the Additional Chief Secretary to Government, FE&CC Department for kind information of Additional Chief Secretary.


20/01/2022
Under Secretary to Government



Proceedings of the 19th Meeting of State Level Steering Committee of State CAMPA, Odisha held on 13.01.2022

The Chief Secretary, Odisha and Chairman of the Steering Committee of State CAMPA presided over the Steering Committee meeting which was held through virtual mode at 12.45PM on 13th January 2022. The list of the officials/participants is at the Annexure.1

1. Initiating the discussion, Additional Chief Secretary, FE&CC Deptt. informed the highlights of ISFR 2021 which was released by MoEF & CC, New Delhi a few minutes back today. As per the report, Odisha is in third position among all the states with respect to increase of state's overall forest cover since the last ISFR 2019 which was appreciated by the Chairman who suggested for more involvement of local communities in forest management interventions under CAMPA and utilization of CAMPA funds towards improvement of forest cover on forest areas outside forest department control. ACS also informed the special initiatives by the forest department for involvement of 10,000 SHGs in seedlings raising and awareness creation in prevention of forest fire.
2. PCCF&HoFF, Odisha explained the background of State CAMPA and the broad principles in the preparation and implementation of Annual Plan of Operation. Since 2019-20, the Annual Plans of Operation (APOs) are formulated in accordance with the provisions under Compensatory Afforestation Fund (Act) 2016 and Compensatory Afforestation Fund (Rules) 2018. Apart from the site-specific interventions under compensatory afforestation schemes and site-specific wildlife conservation plans, all other activities over the forest lands are formulated as per the prescription of working plans for forests and management plans for protected areas. For all the plantations from 2021-22 planting season onwards, it was decided to use only the 18 months old seedlings and such quality planting materials will be raised separately in nurseries instead of part of plantation components. Also, it was decided to delink SMC operations from the plantation component, and it will be implemented separately as per the DPR prepared for each forest blocks and in saturation mode. In this regard, he highlighted the LIDAR survey carried out during the current year in

Rayagada Division and the DPR prepared for SMC and plantations to be carried out under CAMPA. Biodiversity assessment and preparation of community registers through Biodiversity Board has also been included in this APO. He also highlighted the need of setting up of a Forest Museum in the state for the posterity and consideration of the same in this APO. After discussion on the matter and as per the suggestion of Principal CCF (Wildlife), it was decided to locate the proposed Forest Museum at the Botanical Garden in Nandankanan Park.

3. Chairperson of the Committee and Chief Secretary in his opening remarks highlighted the need to protect forest cover over the revenue forest land which accounts about 38.5% of the total recorded forest area of the state and invited the Revenue and Forest department to discuss on the modalities for the same. He also asked for immediate steps for complete restoration of the Casuarina patches inside Balukhand Wildlife sanctuary damaged due to Cyclone *Fani*. He also impressed upon Forest Department to limit the bamboo silvicultural operation to the coupes worked by the OFDC Ltd. or the VSS concerned and carry out the bamboo plantation only over the private land through Bamboo Mission. In respect forest fire mitigation works, he highlighted the need for advance preventive measures and more community participation in this regard. Regarding relocation of villages from the protected areas, Chief Secretary suggested to provide more funds under CAMPA in the light of recent revision of relocation policy by the state Government and the villages showing willingness for voluntary relocation. At this stage, ACS, FE & CC Department clarified that revenue forests which has been identified for Compensatory Afforestation has been included in the APO 2022-23 and also funds have been earmarked for creation of land bank of degraded revenue forests in this APO. PCCF also replied that steps have been taken in the field for bamboo working by VSS in all bamboo coupes surrendered by the OFDC Ltd. and accordingly total bamboo area will be worked during the year and covered under the simultaneous silvicultural operation as per the working plan prescriptions.

Chief Secretary expressed concern and called for extreme care to be taken to prevent forest fire during this year. He suggested that both

PCCFs should monitor the forest fire and ensure involvement of the local communities by providing incentive. The PCCF & HoFF explained the formation and functioning of the district level forest fire committees under the chairmanship of District Collector with DFO as member secretary to chalk out plan at District level involving all line departments and about initiating major role to ensure forest fire free at all panchayat level.

4. Additional Chief Secretary and Development Commissioner also suggested for preventive steps for fire prevention in forests and close monitoring of all such measures taken to prevent forest fire. He also suggested importance of the third-party independent monitoring of all the activities carried out under CAMPA. He also suggested for a strong monitoring mechanism on all activities taken up under site specific Wildlife Conservation Plans in the field. Regarding Soil and moisture conservation works inside forest areas, he asked to saturate protection and rejuvenation of all the nallahs originating inside the forests. He also expressed concern over the period required for full consumption of the available CAMPA funds with State Authority. Chief Secretary intervened and clarified that the CAMPA fund being a corpus, only the interest amount was being allowed by Government of India through the APOs prepared by the states. PCCF also added that the funds are being utilised as per the working plan prescription and based on the requirement of basic infrastructure in the field. The CEO, State Authority CAMPA replied that Third Party Evaluation of all APOs from 2009-10 to 2016-17 has already been carried out by M/S CTRAN and the report submitted to the National Authority. Further, M/S PwC has been engaged for Third Party independent evaluation of APOs for the years 2017-18, 2019-20 and 2020-21 and the work is in progress. Principal CCF (Wildlife) added that the verification of all activities under wildlife component is also under the purview of this study by M/S PwC. Moreover, National Authority has already engaged IIFM, Bhopal for independent verification of CAMPA activities in 4 states including Odisha.
5. The Principal Secretary, Panchayati Raj Department stated that in case of forestry activities under CAMPA, the convergence of MGNREGA funds towards wage payment would enhance the achievement of forest

nurseries, plantation and SMC activities under MGNREGA. He also stressed that the fruit bearing species which are beneficial for wild animals may be raised in sufficient numbers in all nurseries. The Special Secretary, Finance Department also supported the fact that the exotic species like Acacia spreading naturally and remaining on the forest floor will be hindrance for growth of indigenous species and should be removed. The Chief Secretary intervened and suggested that the forest nurseries are totally avoiding exotic species for planting out and taking steps to add more of fruit and fodder species for plantation. He also stated that the convergence of MGNREGA will be considered looking into the provisions of CAF Act and Rules after listening to the objection raised by the DDG, Integrated Regional Office, Bhubaneswar in this regard

6. The Deputy Director General, Integrated Regional Office (IRO) Bhubaneswar, suggested for restricting the river rejuvenation plantation to the forest areas in the riverside and not to use CAMPA funds for the plantation over other non-forest lands. He also raised objection on convergence of CAMPA funds with other schemes especially the MGNREGS as per the CAF Act.
7. Subsequently, detailed presentation agenda wise was made by the Chief Executive Officer, State Authority, CAMPA before the committee. It was informed that the APO 2021-22 was approved with financial outlay of Rs. 903.03 Crore for which the National Authority has approved the activities to the tune of Rs.901.03Crore. Out of this outlay, Rs.663.28 Crore has so far been released to the implementing Officers and all activities are in progress in the field. The progress of various plantation activities, Forest and Wildlife protection measures and creation of new infrastructures for frontline staff were discussed in detail.
8. The following changes under certain activities in APO 2021 -22 towards reappropriation of more funds required in respect of forest fire management especially in the maintenance of fire lines and towards relocation of villages from Satkosia and Debrigarh Wildlife Sanctuaries. The saving balance under the components of Ama Jungle Yojana and various components of Wildlife Management was proposed for re-appropriation before the Steering Committee as below.

(Rs. In Crores)

Sl	Savings after completion of project		Supplementary component proposed	
	Item	Amount	Item	Amount
1	Unspent balance under Ama Jungala Yojana (AJY)	5.54	Maintenance of Fireline over 20,000 KM	5.54
2	a. Implementation of Regional WL Management Plan Operation & Maintenance of Animal Rescue Center, Protection and Anti-depredation Activities	47.00	Relocation of villages from Satkosia and Debrigarh Wildlife Sanctuaries	47.00

9. Considering the urgency of the above two interventions proposed, the Steering Committee approved the proposal for reappropriation as suggested. Chairman however, suggested that the reappropriation of the supplementary components proposed would be kept ready for implementation after Panchayat elections.

10. Further, in his presentation, Chief Executive Officer CAMPA also informed the present fund position of state authority CAMPA and it was furnished as on 31st October, 2021 before the Committee as below:

Amount Received from National Authority after reconciliation up to 07.02.2019	5933.98Cr
Amount Deposited by User Agencies from 08.02.2019 to 31.03.2021 as reported by FD&Nodal Wing	(+)643.27Cr
TOTAL DEPOSIT (A)	6577.25Cr
Interest accrued from Loan to Govt. up to 11.10.2021	(+)198.39Cr
Interest accrued in ATB Investment up to 14.10.2021	(+)255.00Cr
TOTAL INTREST (B)	453.39Cr
GRAND TOTAL (A+B)	7030.64Cr
Amount Expenditure towards APO-2019-20	(-)421.08Cr
Amount Expenditure towards APO-2020-21	(-)675.45Cr
Amount Budgeted for APO 2021-22	(-) 903.03Cr
TOTAL EXPENDITURE	(-) 1999.55Cr
TOTAL FUND AVAILABLE	5031.08Cr

Out of the available balance, State Government has taken loan of Rs.2895.00 Cr. and the remaining money is invested in ATB.

11. Basing on the fund position as above, State Authority CAMPA in pursuant to the provision of Rule 39 of CAF Rule 2018 has formulated APO for the year 2022-23 with an outlay of Rs.1241.34 Crore which was suggested and approved by Executive Committee in its meeting held on 30.12.2021. The proposals of the APO for the year 2022-23 was presented in detail and was placed before the Steering Committee for consideration and approval. Abstract of outlay of APO 2022-23 presented before the Committee is as below.

Sl.No	Major Components	Financial Outlay <i>Rs. in Crore</i>
1	CA, PCA CATP & SSWLCP etc.	143.03
2	NPV (80% + 20%)	982.32
3	Utilization of Interest Money (60% + 40%)	115.99
	GRAND TOTAL:	1241.34

12. All the component activities proposed under the APO 2022-23 was explained in detail with the physical targets and proposed outlay in individual case. Major highlights have been described below.

New plantations under CA, PCA & CATP Activities are proposed in the APO under Section 6(a) of CAF Act 2016 considering all the schemes for the compensatory afforestation area pending for implementation. The detail of pendency was reflected in the table below:

The total area diverted up to September 2021	58,699.99 Ha
Stipulation of Comp.Affn. up to September 2021	78,913.38 Ha
Achievement up to September 2021	70,749.85 Ha
Balance Area to be covered	8163.53 Ha
Proposed area for Comp. Afforestation in APO2022-23	6130.82 Ha
Proposed area under CATP	132.51 Ha.

Hence, new plantations over an area of 6263.509 Ha (including area to be covered under CATP and other stipulations) with an outlay of Rs. 48.91 Crore is proposed in the APO 2022-23. Besides, maintenance of previous years' plantations under CA with financial outlay of Rs. 31.48 Crores is also proposed. The current year interventions in respect of 129 site-specific wildlife conservation plans have been proposed with an outlay of Rs.47.64 crores.

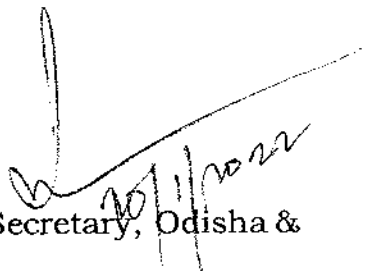
13. Among the activities under NPV 80% major was Plantation over a total area of 56,411 Ha excluding the area under bamboo plantation as suggested by the Chairman. VSS involvement is ensured under the implementation of Ama Jungle Yojana (AJY). For the intensive protection of Forests, steps are taken to ensure mobility of staff deep inside the forest and to improve their communication facilities for regular patrolling and for rapid action on emergency situations. Also, consolidation of forest block boundaries and proper demarcation in the field which is important in protection of forest land is ensured through digitization of the boundary of 13046.87Km² of Notified Forest area and 3965.17 Km² of deemed forest and revenue forests. Also, various measures for management of forest fire in the state are proposed with total financial outlay of Rs 39.62 Crore in the APO 2022-23. An area of 26,500Ha. of degraded forest Land of the State have been proposed to be treated under SMC with different interventions as per the DPR prepared for each forest blocks in saturation mode and an amount of Rs.92.75 Cr. has been estimated for the purpose. Improvement of Wildlife Habitat and Wildlife Care and Management of Biological Diversity and Biological Resource are other interventions proposed. For Relocation of Villages from Protected Areas, a financial Outlay of Rs 65.00 Crore has been kept.
14. Among the activities under 20% NPV category, Capacity Building training to the frontline staff of forest department is major activity along with development of basic infrastructure proposed to be built up for forest and wildlife management. Funds are also earmarked under this category for digitization and up-gradation of Forest IT facilities and for up gradation of permanent nurseries in the field. It is also proposed to ensure involvement of local youths in continuous monitoring against encroachment over forest land and unsustainable exploitation of the forest resources and such Forest Protection through community

involvement through local youths is another component included in APO.

15. Under the utilization of Interest money, the activity of raising and maintenance of 18-month-old seedlings in the permanent nurseries is major component to ensure availability of QPM for all plantations in the field. Under 40% of interest money category, the activity like administrative expenditure of the State Authority, State Capacity Building Center, establishment of CAMPA legal cell etc. has been proposed.

Accordingly, the detailed proposals under APO 2022-23 were placed before the Steering Committee for approval. After detailed discussion and deliberations among all the members as above, the Steering Committee approved the APO 2022-23 with a total financial outlay of Rs. 1241.34 Crores as per details attached in Annexure.2.

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


Chief Secretary, Odisha &
Chairperson, Steering Committee
State CAMPA, Odisha.

LIST OF PARTICIPANTS

The Development Commissioner – Cum – Addl. Chief Secretary
Planning & Convergence Department, Bhubaneswar

Addl. Chief Secretary
Forest, Environment & Climate Change Department, Bhubaneswar

Addl. Chief Secretary
Rural Development Department, Bhubaneswar

Principal Secretary
Finance Department, Bhubaneswar

Principal Secretary
Revenue & Disaster Management, Bhubaneswar

Principal Secretary to Govt. of Odisha
Pachayati Raj & Drinking Water Department, Bhubaneswar

Principal Secretary
Agriculture & Farmers Empowerment Department, Bhubaneswar

Principal Secretary
ST & SC Development Department, Bhubaneswar

Principal Secretary
Science & Technology Department, Bhubaneswar

Principal Chief Conservator of Forests & HoFF, Odisha

Principal Chief Conservator of Forests (Wildlife) & CWLW, Odisha

Principal Chief Conservator of Forests (FD & No, FC Act)

DDGF, Integrated Regional Office,
MoEF & CC, Govt. of India
Chandrasekharpur, Bhubaneswar

Member Secretary, State Forest Development Agency,
O/o PCCF & HoFF, Odisha

Shri Raj Kishore Das, Officer- on- Special Duty
ST & SC Development Department, Bhubaneswar

Chief Executive Officer, State Authority &
Member Secretary, Steering Committee, CAMPA

Activity wise Details of APO 2022-23

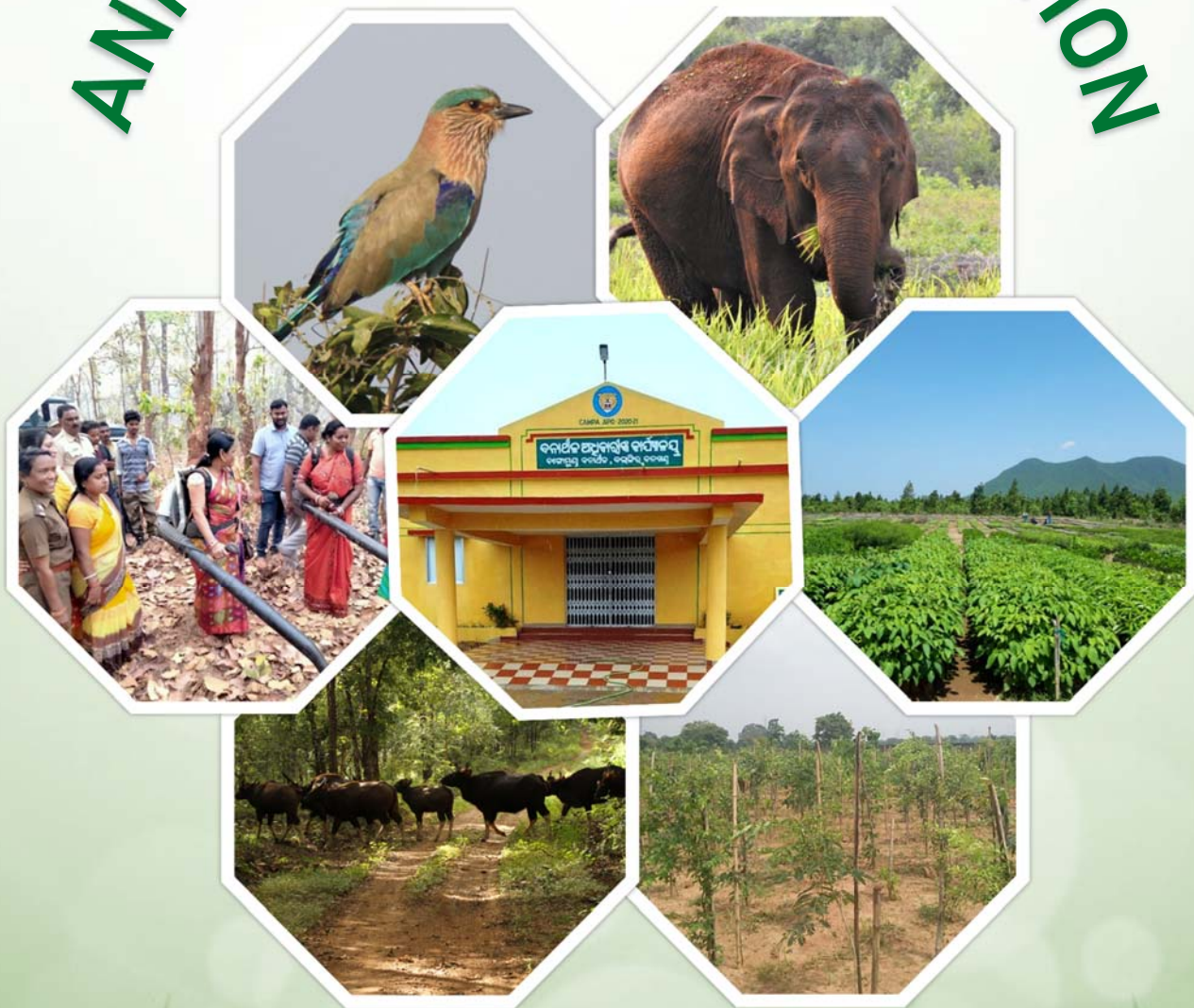
Sl No.	Act/Rule	Detail Activity	Unit	Physical Target	Unit cost (Rs in Lakhs)	Financial outlay (Rs in Crore)	
CA,PCA,SZ, 1.5 SZ, SSWLP, RWLMP							
1	Sec. 6 (a)	New Plantation					
		AR	Ha	772.52			
		ANR With Gap	Ha	3363.63			
		ANR without Gap	Ha	725.17			
		Bald Hill	Ha	1269.49			
		CATP					
		ANR With Gap	Ha	100			
		Other Stipulation					
		AR	Ha	14.35			
		ANR With Gap	Ha	18.34			
		Tall tree plantation	Nos	13250			
		Total New Plantation	Ha	6263.509			48.91
		Maintenance of Plantation & PO Work					
		AR	Ha	1371.26			
		ANR	Ha	18248.27			
		ANR (WG)	Ha	555.75			
		Bald Hill	Ha	1607.7			
		Tree Plantations against tree removed	Nos	6130			
		Avenue Plantation	RKM	71.656			
		Canal Bank Plantation	Nos	51681			
PO Work for 2023-24	Ha	4000					
Total Maintenance of Plantation & PO Work	Ha	21782.98		71.656 RKM	31.48		
Total CA,PCA,SZ, 1.5 SZ, CATP Etc						80.39	
2		Site Specific WL Management	Nos	129		47.64	
3		Implementation of Regional Wildlife Management Plan (RWLMP)	LS			15.00	
Total CA,PCA,SZ, 1.5 SZ, CATP, SSWLP, RWLMP						143.03	
(80% NPV)							
Plantation (Creation)							
1	Rule 5(2)(a)	ANR Plantation (0th + 1st Year)					
		Vanya Silk @500 plant/ha	Ha	1877	0.62876	11.80	
		Fodder and Fruits @500 plant/ha	Ha	2760	0.62876	17.35	
		RET/Medicinal @200 plant/ha	Ha	2452	0.31284	7.67	
		Other Indigenous Misc @200 plant/ha	Ha	44998	0.31284	140.77	
Total ANR				52087		177.60	
2	Rule 5(2)(b)	AR Plantation (0th + 1st Year)					
		Economic (Timber/High value Species except Teak) @1600 plant/ha	Ha	200	2.05526	4.11	
		Other Indigenous Species @1600 plant/ha	Ha	1204	2.05526	24.75	
		Other Indigenous Species @1000 plant/ha	Ha	1050	1.45077	15.23	
		Phasi @1600 plant/ha	Ha	85	2.05526	1.75	
		River Rejuvenation Plantation@1600 plant/ha	Ha	85	2.05526	1.75	
		Baldhill @1600 plant/ha	Ha	1020	3.15386	32.17	
		Casuarina (in protected area only) @2500 plant/ha	Ha	452	1.77238	8.01	
		Mangrove @2500 plant/ha	Ha	8	0.94027	0.08	
		Mangrove (Hypocotyle) @4445 plant/ha	Ha	155	0.3592	0.56	
		Miyawaki Plantation @8000 Plant/ha	Ha	5	39.122	1.96	
		Fodder and Fruits @1600 plant/ha (1st year only)	Ha	60	1.74698	1.05	
Total AR Plantation				4324		91.40	
Total Plantation (Creation)				56411		269.00	
Maintenance of Plantation							
2nd Year Maintenance							
		ANR @200 plant/ha	Ha	35515	0.08094	28.75	
		AR @1600 plant/ha	Ha	1490	0.4239	6.32	
		Bald Hill @1600 plant/ha	Ha	1326	0.52475	6.96	
		Bamboo @400 plant/ha	Ha	1370	0.25706	3.52	
		Miyawaki @8000 plant/ha	Ha	13	9.23854	1.20	
		Fodder & Fruit @1600 plant/ha	Ha	105	0.4239	0.45	
		Casuarina @2500 plant/ha	Ha	46.1	0.72265	0.33	
		Conservation of RET Species (With Gap) @200 plant/ha	Ha	130	0.08094	0.11	
		Conservation of RET Species (without Gap)	Ha	70	0.0554	0.04	

Sl No.	Act/Rule	Detail Activity	Unit	Physical Target	Unit cost	Financial outlay	
					(Rs in Lakhs)	(Rs in Crore)	
3	Rule 5(2)(a)(b)	3rd year Maintenance					
		ANR @200 plant/ha	Ha	39900	0.06776	27.04	
		AR @1600 plant/ha	Ha	1500	0.27144	4.07	
		Bald Hill @1600 plant/ha	Ha	875	0.24542	2.15	
		Bamboo @400 plant/ha	Ha	770	0.17388	1.34	
		Fodder & Fruit @1600 plant/ha	Ha	385	0.27144	1.05	
		Fodder & Fruit (Urban Mode)@1600 plant/ha	Ha	62.5	1.11398	0.70	
		Miyawaki @8000 plant/ha	Ha	4	4.29209	0.17	
		Conservation of RET Species (With Gap) @200 plant/ha	Ha	85	0.06776	0.06	
		Conservation of RET Species (without Gap)	Ha	799	0.02961	0.24	
		4th year Maintenance					
		ANR @200 plant/ha	Ha	20100	0.0486	9.77	
		AR @1600 plant/ha	Ha	2000	0.06984	1.40	
		Avenue Plantation @250 Plant/RKM	K.M.	76	0.2646	0.20	
Total Maintenance (2nd +3rd +4th year)			106545.60 ha + 76 RKM		95.83		
Total Plantation (Creation+ Maintenance)					364.83		
4	Rule 5(2)(a)(b)(g)	Ama Jangala Yojana				0.00	
		Ama Jangala Yojana Phase-II (New Plantation) (Proposed)	Ha	25000		30.70	
		Ama Jangala Yojana Phase-I (Maintenance of old Plantation)	Ha	95837		38.30	
Total Ama Jangala Yojana					69.00		
5	Rule 5(2)(c)	Silvicultural Operation of Bamboo	Ha	88520	0.0252	22.31	
		Maintenace of Compartment /Coupe boundary for Silvicultural Working of Forests as per Working Plan Prescription	LS			4.00	
		Silvicultural Operation & maintenance of research garden	LS			2.00	
Total Silvicultural Operation					28.31		
6	Rule 5(2)(d)	Protection					
		Protection of Forest through consolidation by Geo Referencing of Notified Forest Block 13046.87 Sqkm and 3965.17 sqKm of Revenue and Deemed forest Area	LS			30.00	
		Protection of Forest through provisioning of mobility by hired vehicle (whole the year)	Nos	316	5.16	16.31	
Total Protection					46.31		
7	Rule 5(2)(f)	Forest Fire Prevention and control Operations					
		Fire Protection Rapid response teams involving community youth with hired vehicle for Fire Protection	No.	213	6.825	14.54	
		Creation and Maintenance of fire line	KM	19500	0.0315	6.14	
		Procurement of Fire Blower including fuel and other accessories	Nos	306	0.65	1.99	
		Logistic support for fire squads	LS	213	0.85	1.81	
		Training on Forest Fire to the frontline Forest Staff	Nos	283	0.1	0.28	
		Awareness Campaign in the ranges	Nos	283	0.5	1.42	
		Fire Watch Tower	No.	10	20	2.00	
Total Fire Prevention and Control Operations					28.18		
8	Rule 5(2)(g)	Soil and Moisture Conservation in Forest area	Ha	26500	0.35	92.75	
9	Rule 5(2)(m)	Management of biological diversity and biological resource					
		Management of biological diversity and biological resources				0.50	
		Promoting conservation, sustainable use.....chronicling of biological diversity				2.50	
Management of biological diversity					3.00		
Total NPV 80%(General)					632.37		
WildLife Management							
10	Rule 5(2)(d)	Protection under Wildlife Management				15.75	
11	Rule 5(2)(f)	Fire and Prevention under Wildlife Management				11.44	
12	Rule 5(2)(i)	Augmentation of food and water resources:				11.03	
		Monitoring assessment and protection of wildlife habitat				19.45	
		Habitat Management				9.00	
		Management of Special Habitats				3.62	
Total Wildlife Habiitat Management					43.10		
13	Rule 5(2)(f)	Corridor Management				0.63	
14	Rule 5(2)(k)	Establishment, operation and maintenance of animal rescue centre and veterinary treatment facilities for wild animals				14.00	
15	Rule 5(2)(m)	Biodiversity assessment in Protected Areas.				17.91	
16	Rule 5(2)(h)	Relocation of Villages in Protected Areas	LS			65.00	
Total WildLife Management (NPV 80%)					167.83		
80 % NPV (Gen+WL)					800.20		

Sl No.	Act/Rule	Detail Activity	Unit	Physical Target	Financial outlay	
					Unit cost (Rs in Lakhs)	(Rs in Crore)
20% NPV						
17	Rule 5(3)	Capacity Building of frontline forest Staff and other stake holders	LS			2.00
18	Rule 5(3)(a)	Improvement of Permanent Nursery including creation of Vermicompost unit	Nos	600	1.5	9.00
19	Rule 5(3)(c)	Up-gradation of Communication and information Technology, Geo-ICT facility based Server infrastructure, maintenance and procurement of IT Equipment and devices	LS			17.34
20	Rule 5(3) (d)	Construction & maintenance of Forest Roads /Path etc.				
		Maintenance of Forest Road	K.M.	1000	0.69	6.90
		Culvert	Nos	129	1.53	1.97
		Cause Way	Nos	406	1.06	4.30
		Sub Total (General)				
21	Rule 5(3) (e)	Construction of Residential /Office Building for frontline staff etc.				
		Range Office	Nos	11	31.65	3.48
		Range Officer Residence	Nos	13	24.521	3.19
		Forester Qtrs	Nos	90	20.389	18.35
		Forest Guard Qtrs	Nos	258	16.29	42.03
		Seizure Yard	Nos	31	12	3.72
		Spill over Work for APO 2021-22	LS			7.00
Total Construction of Residential....						77.77
22	Rule 5(3) (f)	Casual Engagement of Local youth to assist regular staff of state forest department for works for protection of forest and wildlife undertaken from State Fund (10 person each in 227 units for whole year)	Nos	227	15.87	36.02
23	Rule 5(3) (g)	Survey & Mapping of Forest Areas to create Land Bank for Compensatory Afforestation	LS			2.00
24	Rule 5(3) (h)	Monitoring & Evaluation	LS			4.50
25	Rule 5(3) (i)	Publicity Awareness(Forest Museum at Bonanical Garden, Nandanknan/Facilitation Center)	LS			5.00
Total NPV 20% (General)						166.81
WildLife Management						
26	Rule 5(3) (c)	Equipment/Devices for Communication & IT				3.50
27	Rule 5(3) (d)	Construction & maintenance of Forest Roads /Path etc.				9.82
28	Rule 5(3) (i)	Publicity, Awareness etc. in PA's and Wildlife rich areas	Nos	1000	0.2	2.00
20 % NPV (WL)						15.32
20% NPV (Gen+WL)						182.12
Total (80% + 20%) NPV						982.33
Utilization of Interest Money						
60 % of Interest Money						
29	Rule 6(a)	Escalation of program cost due to revision of wage rate	LS			4.50
30	Rule 6(a) (vi)	Maintenance of 18 months seedling to be planted during 2022-23 (3 months)	Nos	2 Cr	0.0000598	11.96
		Maintenance of 18 months seedling to be planted during 2023-24 (12 months)	Nos	2.50 Cr	0.0003461	86.53
Total maintenance Raising Seedlings...						98.49
Total 60 % of interest funds						102.99
40 % of Interest Money						
31	Rule 6(b) (i)	Management of office establishment of State Authority	LS			6.00
32	Rule 6(b) (vi)	State Capacity Building center	LS			5.00
		Charges for consumption of internet data towards collection, maintenance and updating of OFMS web Portal by the field functionaries for 51 Forest Divisions	LS			2.00
Total 40% of interest funds						13.00
Total Interest (60% +40%)						115.99
Grand Total (80% + 20%) NPV + CA+ SSWL+ interest						1241.34



ANNUAL PLAN OF OPERATION 2022-23



State Authority

**Compensatory Afforestation Fund Management and
Planning Authority, ODISHA**



ANNUAL PLAN OF OPERATION

2022-23

State Authority

**Compensatory Afforestation Fund Management and
Planning Authority, ODISHA**

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PART - I

BRIEF HISTORY & PAST PERFORMANCE

PART-I

Brief History and Past Performance

(a) Brief description of forest & forestry sector in the state.

The state of Odisha is located between the parallels of 17° 49'N and 22° 34'N latitudes and meridians of 81° 27'E and 87° 29'E longitudes. The State is bounded by the Bay of Bengal in the east, West Bengal in the north-east, Jharkhand in the north, Chhattisgarh in the west and Andhra Pradesh in the south covering an area of 1,55,707 KM² (4.74% of the total geographical area of the country). The territory of Odisha is divided into four prominent geographical regions: the Eastern Plateau, the Central River Basin, the Eastern Hill Region and the Coastal Plane.

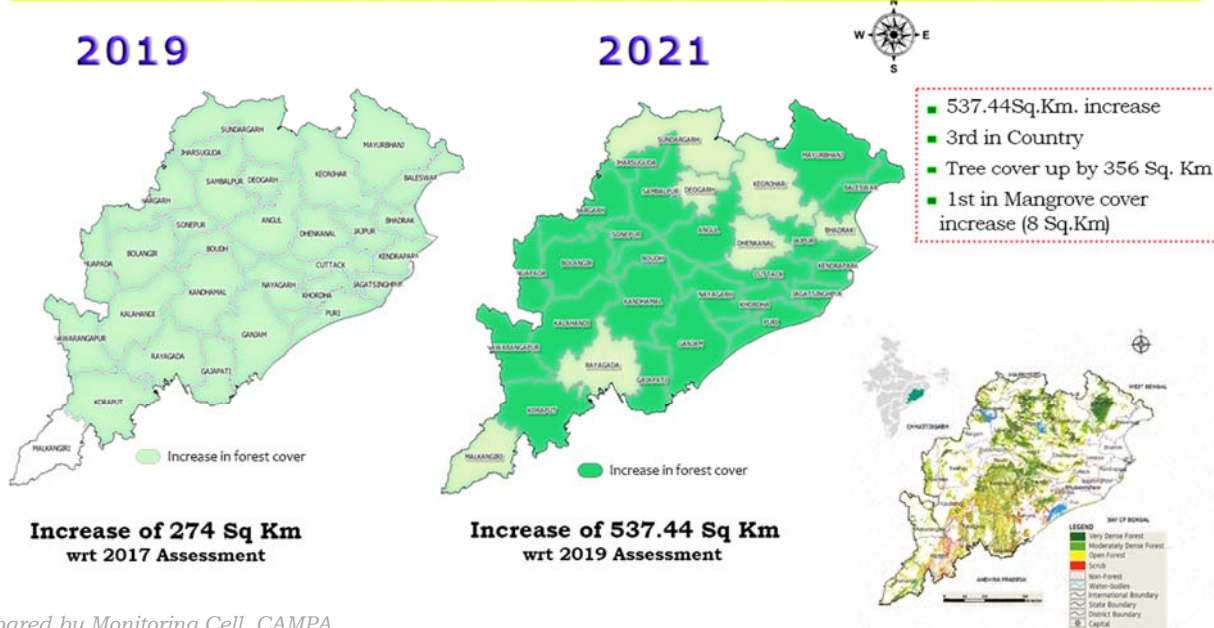
The entire territory lies in the tropical zone and high temperature is recorded particularly during April-May. However, the sea exercises a moderating influence over the climate of the coastal belt whereas the hill tracts experience an extreme climate. For all practical purposes, the state experiences four major seasons: Winter (December to February), summer (April to May), South-west monsoon (June to September) and North east monsoon (October–November). The average annual rainfall varies from about 1,200 mm to about 1,600 mm. and the average annual temperature varies from 25°C - 28°C. The state is drained by six major rivers: the Subarnarekha, the Budhabalanga, the Baitarani, the Brahmani, the Mahanadi and the Rusikulya along with their tributaries.

The rich mineral belts lie in the western and north-western parts of the state. The State has got prime coast line of about 482 kilometers stretched across the Bay of Bengal on its east, from Balasore to Ganjam having magnificent beaches at Puri, Konark, Chandipur etc. The Scenic waterfalls of Khandadhar, Putudi, Bareipani, Joranda etc are glory of the State. The virgin green forests of blue hills of Eastern Ghats with rich wild life in Similipal National Park, Bhitarkanika wildlife sanctuaries etc. are exemplary. The state has got monumental exquisite temples like Puri (temple of Lord Jagannath), Konark (Black pagoda), etc. Administratively, Odisha State has 30 districts of which 12 are tribal districts. The total population of the state is 4.20 Cr and the percentage of female and male are 49.5 and 50.5 respectively. The Tribal population of the state constitute more than 22.85% of the state's population as per the 2011 census. As per 19th Livestock Census 2012, the total livestock population is 20.73 million in the state. The rural, urban and tribal population constitutes 83.32%, 16.68% and 22.85% respectively. The population density of the state is 269 per Square Kilometer, which is lower than the national average of 382 persons per Square Kilometer.

❖ **Forest area of the state**

Total Geographical Area	1, 55,707 Sq Km
Recorded Forest area	61,204.17Sq Km
Forest Cover within Recorded Forest Area	34,116 Sq Km
Forest Cover outside Recorded Forest Area	17,229 sq Km
Forest Cover Area	51,618.51 Sq Km
Tree Cover (Outside Forest Area)	3,993 Sq Km
Total Forest & Tree Cover	55, 338 Sq Km
Per capita Forest Area (Recorded)	0.146 ha
Per capita Forest & Tree Cover	0.132 ha
%of Forest Area (Recorded) to Geographical Area	39.31 %
Percentage of Forest & Tree Cover to Geographical Area	35.54 %

INCREASING FOREST COVER IN DIFFERENT DISTRICTS OF ODISHA AS PER ISFR



Prepared by Monitoring Cell, CAMPA

❖ **Forest and Tree Cover in Odisha**

The Recorded Forest area of the state is 61,204.17 Km² which is 39.31% to Geographical area. This includes 26873.66 Km² of Reserved Forest, 9175.15 Km² of Proposed Reserve Forest, and 1085.22 Km² of Protected Forests. 287.51 Km² of Village Forests, 4179.59 Km² of Demarcated Protected Forests, 4272.91 Km² of Un-Demarcated Protected Forests, 15,117.30 Km² of Revenue Forests, 22.06 Km² of Un-Classified Forests and 190.77 Km² of Private Forests. Forest Department is in overall control of land with status of RF, PRF, DPF, UDPF and Unclassed Forests, to the tune of 37443.60 Km².

Forest cover broadly signifies the expanse of forest resource in the country or a region. The biennial assessment of forest cover by Forest Survey of India (FSI) started in the year 1987 using remote sensing technique broadly classifying the forest cover into three classes i.e., very dense forest, moderately dense forest and open forest. As per the 2021 State of Forest Report, the present forest cover is 52156 Km² while tree cover of the State is 5004 Km². The forest cover has significantly increased over 537 Sq. Km in Odisha

since the last report while the tree cover has been increased over 356 Sq. Km. The positive changes of forest & tree Cover in the state attributes to the conservation measures, massive plantation activities and vivid protection measures of plantations etc. In case of mangrove forests, the Odisha state has recorded remarkable gain of 8 Sq. Km increased out of the total increase of 17 Sq. Km in the country. The main reason of significant gain of mangrove forest in Kendrapara, Jagatsingpur and Balasore district are due to massive plantation over river delta areas near estuary and on inter tidal mud flats inundated by sea water on a daily cycle.

The forest cover of the Odisha State in 10 assessment years (inKm²) as per the India State of Forest Report

Sl. No	Year of Report	Very Dense	Dense	Moderately Dense	Open Forest	Total	Scrub	Tree cover	Mangrove
1	2021	7213		20995	23948	52156	4924	5004	259
2	2019	6970		21552	23097	51619	4327	4648	251
3	2017	6967	---	21370	23008	51345	4306	3993	243
4	2015	6985	---	21470	22005	50460	4499	3986	231
5	2013	7042	---	21298	22007	50347	4424	4013	213
6	2011	7060	---	21366	20477	48903	4734	4301	222
7	2009	7073	---	21394	20388	48855	4852	4435	221
8	2005	538	---	27656	20180	48374	4743	4589	203
9	2003	288	---	27882	20196	48366	---	---	207
10	2001	---	27972	---	20866	48838	5782	---	211

❖ Forestry sector issues and challenges

Various issues and challenges for the forest department to retain and restore the healthy eco-system over the natural forests are following.

- The dwindling of forest cover has created a serious challenge for restoration and upgradation to next density class. To address the issue, massive plantation programme has been taken up by different wings of forest department with adequate protection measures and awareness programmes in the forest fringe areas. Protection measures taken up through foot patrolling inside forest floor by GPS tracking. Mostly the problems in protection and restoration area location specific and related to cultural attitude of the fringe village communities. Support of local communities through VSS wherever active is to ensured apart from engaging the local youths in the protection to give impetus to the efforts of the frontline staff.
- Forest fire has become a major concern to safeguard the forest (ground, middle and top canopy). Modern technology is utilized for advance information and control of the forest fire. The Modis satellite imagery as a fruitful monitoring technology for attaining the ground fire by frontline staff. The community

participation and awareness campaign are an additional result-oriented programme to combat the fire hazard inside forest.

- Man, animal conflict has become an alarming issue all over the state due to fragmentation of habitats and depletion of food and water within the habitats. Man-elephant conflict is the major problem where in many cases of human kill, property loss, crop damage are usually occurring apart from killing of elephants. To address the above challenges, different pro-active measures like deployment of elephant squad, driving away elephant from human habitats as and when required by the staffs and awareness campaign in forest fringe areas. So also, habitat improvement with sufficient water sources provision has been done in CAMPA and other programme of the state.
- Natural calamity in the Odisha state is a regular phenomenon for devastation of forest and its eco-system. Especially sea cost areas are badly affected during cyclone. The mangrove forest, casuarina forest act like a barrier to restrict the cyclonic storm. Afforestation programme of mangrove and casuarina plantation are being taken up to face the above issues. It is a pleasure that the state of Odisha has gained 8 Km² increase of mangrove out of 17 Sq.km in the country in the recent 2021 Forest survey report. Massive mangrove plantation has been taken up under CAMPA to address the issues.
- The major areas of forest are under revenue department which are not included in forest management under working plan prescription. Those areas should be properly demarcated and put under forest Department for better management as per working plan prescription.
- In the modern age, the assessment of Bio-diversity and biological resources needs to be addressed for proper management of forest and wildlife. During the present APO formulation, the bio-diversity assessment and community participation in study of bio-diversity status in territorial and wild life area has been properly considered.

❖ **Community participation and effects on forest cover**

Community and forest are two sides of a coin. Forest growth is complementary to the community development. Though protection of forest by community exists since time immemorial still Government of Odisha passed resolution during 1988 to involve the local communities for protection and management of the forest. Odisha is the pioneer state to adopt policy of JFM resolution assigning specific roles to the communities. Keeping pace with present scenario, the amendments during 2011, 2015 and 2019 JFM Policy for smoothing the management of forest with community involvement has been done. Community being the main stockholders for enjoying the benefits of forest and also in its management, Community centric approach in planning and implementing forest conservation is a vital step of the State. Restoration of forest cover will be fruitful by providing sustainable livelihood option to the forest fringe dwellers. The formation of VSS (Vana Surakhya Samiti) in forest fringe villages is a commendable step for better management of forest and wild life. At present, a total 15996 nos. of VSSs and 590 nos. of Eco-development committees (Wildlife and mangrove Areas) have been formed in different forest divisions. The above institutions are involved in all sorts of forestry activity during its implementations inside forest. State Government has

initiated Ama Jungle Yojana to facilitate the forest restoration with community involvement and addressing their livelihood issues on sustainable management.

❖ **Wildlife scenario and issues in the sector**

The State of Odisha is favored with an extremely rich and unique assemblage of wildlife. Rich faunal diversity of Odisha exhibits 131 species of reptiles including 3 Crocodilian species, 29 species of Amphibians, 537 species of birds and 114 species mammals, this includes 54 endangered species (17 species of reptiles, 15 species of birds & 22 species of mammals) as per IUCN Red Data Book.

In the State of Odisha, the in-situ conservation is ensured by declaring the biodiversity rich areas as Protected Areas. At present Odisha has one National Park, 19 sanctuaries, Two Tiger Reserves, one Biosphere Reserve, three Elephant Reserves and two Ramsar Sites. The Wildlife Sanctuaries (19 nos. as Protected areas) encompass 10.37% of forest area in the State which is 5.36% of the State's Geographical area. One National Park has been notified under provision of Wildlife (Protection) Act, 1972 for in-situ conservation at Bhitarkanika and other National Park is proposed at Similipal. Odisha is also blessed with natural major wetlands at Bhitarkanika and Chilika. Having international importance, these two wetlands are declared as "**Ramsar Sites**".

As part of ex-situ conservation, Odisha has one large Zoo, three small Zoo and seven mini-Zoo which enjoy recognition from Central Zoo Authority and are managed scientifically. Conservation breeding programmes of Indian pangolin, Tigers, Mouse Deer and Vultures are in progress in Nandankanan. In order to address the issue of alienation of wildlife, all the zoos are maintaining the rescue centers in it along with facilities for veterinary care.

Large inviolate areas are essential to ensure a viable population of the wild animals particularly Elephants and Tigers. The best way to achieve this is to expand the prime habitat like core tiger habitats, etc. through voluntary relocation of villages. Voluntary Relocation of villages from the Protected Area/Tiger Reserve/other forest areas to outside these areas is done as per policy framed by NTCA & State Government.

Prior to 2021, 14 villages involving 803 families have been relocated between 1994 to 2020 from within Similipal, Satkosia, Debrigarh, Khalasuni and Hadgarh Sanctuaries. As of now 757 villages are situated inside 19 wildlife Sanctuaries in the state. A voluntary relocation scheme of 5 years from 2021-22 to 2025-26 has already been prepared. Government of Odisha have recently enhanced the village relocation package from Rs. 10 lakh to Rs 15 lakh per family and in addition Rs. 5 Lakh as incentive in case of non-availing of package benefits. This package is also applicable to the families willing to be relocated from the inaccessible forest areas including areas connecting wildlife habitats.

(b)-1: Compensatory Afforestation, Other forestry and related schemes (Physical & Financial) including catchment area treatment, Wildlife management & community development works in the State in last five year

(1) Compensatory Afforestation of Last Five Years 2016-17 to 2021-22.

Sl No	Financial Year	Compensatory Afforestation (Ha)				Afforestation under Other stipulations (Ha)					Grand Total Area in Ha./ RKM/ No of saplings)	Expen. Rs. in lakhs
		AR.	ANR	Bald Hill.	Total	AR.	ANR	Bald Hill	Total.	Avenue plantation in Nos & RKM		
1	2016-17	547.94	2585.71	0	3133.65	36.51	4560.79	168.6	4765.90	27300 Nos + 4000 Nos	7899.55 Ha + 27300 Nos + 4000 Nos	3477.66
2	2017-18	73.92	1530.08	65.00	1669.00	0.65	36.42	0	37.07	44681 Nos	1706.07 Ha + 44681 Nos	1735.53
3	2019-20	247.789	2924.32	227.50	3399.61	20.79	1661.563	155.75	1838.10	31.1	5237.71 HA + 31.1 RKM	4045.75
4	2020-21	78.626	2546.23 + 449.49 (without gap)	427.85	3502.19	8.84	137.99	-	146.83	5050 nos	3649.026 Ha + 5050 nos.	4888.06
5	2021-22	124.932	2454.207+13.094(without gap)+564.615(Extra)	344.606	2936.8	60.510	386.757	-	447.267	10.116Rkm +340 nos	4140.33 +10.116 RKM &340 nos	4843.84(Up to 30.11.2021)

N.B: The Activities under APO 2021-22 is under progress.

(b)-2: Physical & Financial achievement on forestry related schemes for last five years under CAMPA APO 2016-17 to 2021-22.

Sl No	Components	APO 2016-17		APO 2017-18		APO 2019-20		2020-21		2021-22 Continuing	
		Phy.	Fin. Rs. in lakhs	Phy.	Fin. Rs. in lakhs	Phy.	Fin. Rs. in lakhs	Phy.	Fin. Rs. in lakhs	Phy.	Fin. Rs. in lakhs
1	Regeneration of Bamboo Forest (Ha)	132420	2737.79	90080	1181.42	70950	1625.76	75000 Ha.	1788	75000	1848.02
2	Bamboo Plantation (Ha)	0	167.85	0	288.23	2000	669.96	1000 Ha.	489	1370	686.38
3	Block Plantation (Ha)	0	0	0	629.97	2000	992.145	1500	1295	1490	1062.07
4	ANR Plantation (Ha)	0	8707.41	85405	16637	20400	4232.91	39900	10785	35515	8766.52
5	Bald Hill Plantation (Ha)	0	1011.66	950	831.68	-	-	960	2163	1326	2625.10
6	Forest Protection		4131.16		4789.60	-	5415.29		5631		4695.96
7	Infrastructure Development (Nos.)		4438.7		5111.5		3786.71		7219		6489.11
8	Avenue plantation					76	93.57				-
9	Conservation of RET Spp. (Ha)							884 Ha.	238	200	130.81
10	Miyawaki Plantation (Ha)							4.00	130	13	507.07
11	Sowing of Bamboo Seeds							1030	25		-
12	Raising of RT Seedlings (Nos.)							1.5 lakh	220		200.00
13	Raising and Maintenance of 18 months old seedlings (Nos.)							300 lakh	4974	200 Lakh	3865.10
14	Fruit & Fodder (PO+1 st yr) (Ha)							82.5	189	105	7785.0
15	AJY (ANR without gap) (Ha)							27000	33.80	20000	9657.11

(b)-3: Financial achievement on wildlife management during CAMPA APO 2016-17 to 2020-21.*Financial Achievement (Rs.in Lakhs)*

APO	Protection Activities	Anti-depredation Activities	Habitat Improvement	Management of Zoo &PA	Implementation of Site-Specific Wildlife Conservation Plans	Other Works	Total amount (Rs. in Lakhs)
2015-16	968.66	2196.37	1586.77	688.07	806.8	2935.03	9181.94
2016-17	1253.48	2696.11	1729.59	845.34	1106.14	3626.42	11257.08
2017-18	1827.78	4703.93	1041.29	840.00	3073.00	1228.00	12714.00
2019-20	2500.23	4456.16	1547.73	623.38	3571.72	570.88	13270.10
2020-21	4472.23	884.44	2447.67	949.99	2941.03	2854.42	14549.78
2021-22 up to 31.12.21		3558.75	1263.77	-	2173.77	2691.85	9688.14

(c)-Forestry & other related schemes (Physical & financial)carried out in previous years from fund received from other schemes of the Government.

(1) Forestry and other related (Afforestation) schemes in the state of Odisha during (2016-17 to 2021-22)

Year	Scheme	Activities takenup	Physical Achievement	Financial Achievement (Rs. in Lakhs)
2016-17	State Plan	Economic, Bald Hill, OBDP Bamboo Plantn, Urban Plantn, Agro forestry, Sacred gove, mangrove Plantaiton, Odisha, Pollution Control Board, SMPB	AR Block 5631.07 Ha.	9829.58
			Bald Hill 1000 Ha.	
			Avenue/Seedlings 1010Rkm /2.53 Lakhs Seedlings	
			Urban Plantation Seedling 13.83 Lakhs	
			Seedling Distribution 187.006 Lakhs	
	OMC	CSR Plantation	AR Block 625 Ha.	265.95
			Seedling Plated 10.00 Lakhs	
	OEMF	JBP Plantation, Avenue, Bald Hill Plantation	AR Block 180 Ha.	543.03
			ANR With gap AR 575 Ha.	
			AR Bald Hill 120 Ha.	
			Avenue Plantation 85Rkm	
			Seedling Distribution 15.94 Lakhs	
	NAP, GIM	VSS Assigned area plantation	Seedling Plated 7.32 Lakhs	430.34
			AR Block 875 Ha.	
			ANR With gap AR 3170 Ha.	
			Avenue Plantation 5.6Rkm	
	Central Plan	Mangrove Plantation, NBM Erichant Plantation	Seedling Planted 19.23 Lakhs	290.3
			AR Block 2345 Ha.	
			Seedling Plated 8.24 Lakhs	
	MGNREGA		AR Block 1329 Ha.	9063.82
ANR With gap AR 16986 Ha.				
Avenue Plantation 3957Rkm				
Seedling Planted 77.12 Lakhs				
Total 2016-17			20423.02	
2017-18	Central Plan	ICZMP, Mangrove Plantation, Urban Tree Planting, SSO Timber coupes of 2016-17	AR Block 50 Ha.	817.64
			ANR SMC (without Gap) 113703.6Ha.	
			Seedling Distribution 1.9577 Lakhs	
			Seedling Planted 1.3667 Lakhs	
	State Plan	Mangrove, Casuarina Plantation, SMPB seedling distribution	AR Block 253 Ha.	234.67
			Seedling Distribution 1.155 Lakhs	
			Seedling Plated 7.28 Lakhs	
	OEMF	Urban Tree Plantation	Urban Plantation Seedling 3.3753 Lakhs	142.55
	CSR/DMF	MCL, OMC, AR Plantation urban, DMF	AR Block 625 Ha.	979.15
			Urban Plantation Seedling 6.94694 Lakhs	
Seedling Distribution 1.5 Lakhs				
MGNREGS		Seedling Plated 16.94694 Lakhs	6361.17	
		AR Block 2947.218 Ha.		

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			ANR With gap AR 12919 Ha.	
			ANR SMC (without Gap) 980 Ha.	
			Avenue Plantation 2873.5Rkm	
			Seedling Planted 82.9291 Lakhs	
Total 2017-18				8535.18
2018-19	State Plan converged with MGNREGS	Economic Plantation, Bald Hill Plantation, OBDP Plantation, Agro- Forestry, Avenue Plantation, Mgnt. Of Pltn& Forests (IWP),Mgnt. Of Pltn & Forests (OWP),Tree outside Forest (ToF)	AR Block 1438.85 Ha.	7902.68
			Avenue Plantation 539 RKM	
			Seedling Distribution 112.12 Lakhs	
			Seedling Plated 20.15 Lakhs	
	MGNREGS	MGNREGS	AR Block 2075.23 Ha.	833.73
			ANR With gap AR 17165 Ha.	
			Avenue Plantation 3135Rkm	
			Seedling Distribution 29.41 Lakhs	
			Seedling Plated 80.42 Lakhs	
	CSR	CSR (OMC)	AR Block 590 Ha.	833.73
	State Plan (IGC & GMM)	Urban Tree Plantation by Corporate Sector, Green Mahanadi Mission, State plan fodder plantation, SMPB	AR Block 1103.25 Ha.	12320.6
			ANR With Gap AR 4196 Ha.	
			Avenue Plantation 562 RKM	
			Urban Plantation Seedling 12.165 Lakhs	
			Seedling Distribution 8.58 Lakhs	
Central Plan	NAP, GIM, Central plan NBM, OBDA, Bamboo Plantation	AR Block 646.81 Ha.	2163.98	
		ANR With gap AR 3655 Ha.		
		Seedling Planted 14.230 Lakhs		
Total- 2018-19				23220.99
	IGC	AR Plantation, Bald Hill Plantation, Urban Tree Plantation, Distribution of Seedlings	AR Block 1922.57 Ha.	3480.90
			Bald Hill Plantation 892 Ha.	
			Seedling Distribution 53.92 Lakhs	
			Urban Tree Plantation 50 Ha. (ANR)	
	MGNREGS	Pure MGNREGS	AR Block 215 Ha.	7980.57
			ANR With gap AR 6498 Ha.	
			Avenue Plantation 26089Rkm	
			Seedling Planted 24.14 Lakhs	
		State Plan Converged	Economic Plantation 65 Ha.	
			Bald Hill Plantation 174 Ha.	
			Bamboo Plantation (OBDP) 155 Ha.	
			Management of plantation (OWP) AR 60 Ha.	
			Private land Plantation 120.80 Ha. (AR)	
			Agro Forestry Seedling distributed 66.58 lakh	

			Tree Outside Forest Seedling Distributed 29.31 lakh		
GMM	AR Plantation, Bald Hill Plantation, Urban Tree Plantation, Bamboo Plant., ANR Plant., Distribution of Seedlings		AR Block 1152.63 Ha.	5060.92	
			Bald Hill Plantation 203 Ha.		
			ANR Gap@200 7450 Ha.		
			ANR Gap@400 150Ha.		
			ANR Gap@600 22 Ha.		
			ANR Gap@800 31 Ha.		
			Bamboo 71 Ha.		
			Avenue Plnt. 116 RKM		
			Seedling Distribution 49.76 Lakhs		
CSR-OMC	AR Plantation, Maintenance of UTP		AR Plantation through CSR	762.72	
			Maintenance of UTP over 1.24Lakh Seedlings		
National Afforestation Programme (State Plan- NAP)	AR, ANR,		AR Block 293.63 Ha.	1943.11	
			ANR With Gap 2548 Ha.		
Green India Mission (State Plan- GMM)			AR Block 630 Ha.	2364.87	
			ANR with Gap 4790 Ha.		
			Avenue 52 RKM		
			Seedling Distributed 11.07 Lakh		
Total 2019-20				21593.09	
2020-21	IGC	AR Plantation, ANR Plantation, Bald Hill Plantation, Urban Tree Plantation, Distribution of Seedlings	AR Block 300 Ha	3803.41	
			ANR Plantation 3546 Ha		
			Bald Hill Plantation 70 Ha		
			Urban Tree Plantation 0.88 lakh		
			Distribution of seedlings 22.22 lakh		
	GMM	AR Plantation, ANR Plantation, Urban Tree Plantation, Distribution of Seedlings		AR Block 250 Ha	3076.94
				ANR Plantation 700 Ha	
				Urban Tree Plantation 0.165 lakh	
				Distribution of seedlings 23.34 lakh	
	OFSDP	AR Plantation, ANR Plantation		AR Block 1442 Ha	
				ANR Plantation 10416 Ha	
	NAP	AR Plantation, ANR Plantation		AR Block 720 Ha	2032.18
				ANR Plantation 5550 Ha	
	GIM	AR Plantation, ANR Plantation, Avenue Plantation Urban Tree Plantation, Distribution of Seedlings		AR Block 573 Ha	3084.20
				ANR Plantation 3568 Ha	
				Avenue Plantation 48 RKM	
				Urban Tree Plantation 0.88 lakh	
			Distribution of Seedlings 10.98 lakh		
CSR	AR Plantation		AR Block 625 Ha	910.17	

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MGNREGS	Pure MGNREGS	AR Block 881 Ha	32154.52
		ANR Plantation 24586 Ha	
		Avenue Plantation 3430 RKM	
	State Plan Converged	Economic Pltn AR Pltn 605 Ha	
		Economic Pltn ANR Pltn 460 Ha	
		Bald Hill Plantation AR Pltn 275 Ha	
		OBDP AR Pltn 526 Ha	
		Mang. of Pltn& Forest (IWP) AR - 285 Ha	
		Mang. of Pltn& Forest (IWP) ANR - 90 Ha	
		Mang. of Pltn& Forest (OWP) AR - 186 Ha	
		Mang. of Pltn& Forest (OWP) ANR - 50 Ha	
		Avenue Plantation 631 RKM	
		Agro Forestry (Distributed of seedling) 84.92 lakh	
		Tree Outside Forests (Distribution of seedlings) 34.13 lakh	
		Plantation of Forestry species in Private Land AR 511 Ha	
		Plantation of Forestry species in Private Land ANR 161 Ha	
		DMF	
ANR Plantation 1745 Ha			
Urban Tree Plantation 2.08 lakh			
Distribution of seedlings 40.80 lakh			
OMBADC	Distribution of seedlings	Distribution of seedlings 83.76 lakh	896.48
OEMF	Distribution of seedlings	Distribution of seedlings 85.17 lakh	
Other Pltn	AR Plantation, ANR Plantation, Avenue Pltn	AR Block 50 Ha	
		ANR Plantation 160 Ha	
		Avenue Plantation 56 RKM	
NBM	AR Plantation	AR Plantation 407.81 Ha	659.15
Total 2020-21			48215.09

Achievement of Forestry and other related (Afforestation) schemes in the state of Odisha during 2021-22

Sl No	Name of the Component	Name of Scheme	Physical Achievement (Area in Ha & Avenue in RKM)						Fund Utilized in lakh
			AR Pltn in Ha	ANR (with Gap Pltn.) in Ha	Total in Ha	Avenue Pltn in RKM	Seedlings planted in lakh	Seedlings distributed in lakh	
1	OFSDP, Phase-II	EAP	2873	15972	18845		86.02		815.00
2	Ama Jungle Yojana	State Plan - AJY		18325	18325		35.55		
Total State Plan - AJY & OFSDP			2873	34297	37170	0	121.57	0.00	815.00
3	Green India Mission	Central Scheme - GIM	105	1605	1710	203	5.18	1.37	3679.09
4	Green India Mission (UTP in no. of seedlings planted)				0		0.048		
Total GIM			105	1605	1710	203	5.23	1.37	3679.09
5	AR Plantations through CSR	OMC	545		545		8.72		-
Total of CSR from OMC			545	0	545	0	8.72	0.00	-
6	MGNREGS	MGNREGS	2180	23135	25315	4504	84.74	140.05	22752.65
7	OMBADC	OMBADC			0			68.66	2026.00
8	DMF	DMF			0	5.6	0.02	2.54	-
9	NBM (OBDA)	NBM	361		361		2.45		541.66
STATE TOTAL			6064.00	59037.00	65101.00	4715.60	222.73	212.62	23294.31

Achievement under Non-Plan, State Plan Scheme from 2016-17 to 2020-21 in respect of Wildlife Organisation (Rs. in lakh)						
Sl. No.	Name of the Scheme	2016-17	2017-18	2018-19	2019-20	2020-21
STATE PLAN						
A. Forestry & Wildlife - 02- Environmental Forestry & Wildlife						
1	Wildlife Protection & Conservation Measures those for Blackbucks and Fresh water turtles etc.	0	0	0	0	
2	Wildlife Protection & Conservation Measure	2000	1818.59	2219	2990.31	2499.6
3	Development of Eco-tourism	1000	799.49	844.41	756.98	1900.00
4	Integrated Development of Wildlife Habitats (CSS)	470.41	0	0	0	-
5	Implementation of Elephant Management Plan	0	0	0	0	-
6	Development and Management of Elephant Corridor	0	0	0	0	-
7	Management of Elephant and Corridor	795.73	1000	1109.51	1553.95	2153.95
8	Protection & conservation of Olive Ridley Turtles	0	0	0	0	
B. Zoological Park - Nature Conservation						
1	Development & Beautification of Nandankanan Zoo	0	0	0	300	-
2	Elephant Management Project (CSS)	410.05	0	0	0	-
3	Conservation & Management of Mangroves (CSS)	122.21	0	0	0	-
4	Satkosia Tiger Reserve (CSS)	666.17	0	0	0	-
5	Similipal Tiger Reserve (CSS)	1083.03	0	0	0	-
6	Similipal Biosphere Reserve (CSS)	172.1	0	0	0	-
C. State Plan- Program Expenditure						
1	Relocation of villages form Sanctuaries and National Parks	0	200	0	0	-
2	Devt. and beautification of Nandankanan Zoo	0	500	588.01	0	2279.50
	TOTAL STATE PLAN	6719.7	4318.1	4760.9	5601.2	8833.05
D. Central Sponsored Scheme						
1	Integrated Dev. of Wildlife habitats	0	579.37	806.09	1147.51	1165.63
2	Elephant Management Project	0	271.4	328.8	627.98	980.40
3	Similipal Biosphere Reserve	0	271.89	224.41	313.54	354.70
4	Similipal Tiger Reserve including 4th All India Tiger Estimation	0	1199.32	1334.33	1246.29	859.69
5	Satkosia Tiger Reserve	0	1600.03	622.81	1246.42	281.15
6	Conservation and Management of Mangroves	0	149.03	170.96	195.979	260.01
	Total Central Plan& CSS	0	4071.1	3487.4	4777.7	3901.56
	Grand Total Programme Expenditure	6719.7	8389.1	8248.3	10379	12734.61

(d) Year wise total Forest Area Diverted in the State since 1980 to 2022:

MOEF & CC, Govt of India has accorded approval for diversion of Forest Land for non-forestry purpose under Sec 2 of FC Act, 1980. The details of Forest Land diverted upto 30-09-2021 is detailed below;

Year	Forest Area Diverted. (In Ha)	Year	Forest Area Diverted. (In Ha)	Year	Forest Area Diverted. (In Ha)
1980	-	1994	407.37	2008	796.42
1981	-	1995	317.94	2009	2938.05
1982	218.31	1996	1354.61	2010	753.37
1983	284.07	1997	1551.71	2011	992.75
1984	1029.22	1998	4705.75	2012	237.45
1985	531.74	1999	480.78	2013	2580.57
1986	769.87	2000	1137.30	2014	2982.14
1987	1788.41	2001	1509.34	2015	1120.74
1988	836.46	2002	607.82	2016	603.54
1989	1737.99	2003	1447.75	2017	736.58
1990	2630.13	2004	594.29	2018	3887.24
1991	2.66	2005	2648.57	2019	4034.11
1992	407.73	2006	1167.82	2020	1419.08
				2021 (upto Sep-21)	914.19
1993	4729.25	2007	1806.87	Total	58699.99

(e) Year wise total Compensatory Afforestation carried out in the state since 1980 to 2021.

Year	Compensatory Afforestation carried Area (in ha)	Extra compensatory afforestation (in ha)	Year	Compensatory Afforestation carried Area (in ha)	Extra compensatory afforestation (in ha)
1980	-	-	2000	1922.41	0
1981	-	-	2001	1828.94	0
1982	2.80	0	2002	868.72	0
1983	79.98	0	2003	1833.38	0
1984	1223.51	0	2004	861.98	0
1985	485.60	0	2005	2814.69	0
1986	537.00	0	2006	1486.63	0
1987	1477.38	0	2007	1655.35	0
1988	1127.98	0	2008	798.74	0
1989	2103.23	0	2009	2317.88	1675.00
1990	3571.37	0	2010	804.84	0
1991	1.00	0	2011	870.79	0
1992	444.74	0	2012	1810.23	0
1993	5483.48	0	2013	7090.67	0
1994	407.00	0	2014	3615.26	966.77
1995	279.16	0	2015	1651.41	370
1996	1607.25	0	2016	1027.66	0

1997	1453.52	0	2017	1084.96	84.37
1998	6451.22	0	2018	3475.41	0
1999	778.50	0	2019	4468.16	0
			2020 (upto Sep-21)	946.89	0
			Total	70749.85	3096.14

(f) Brief description of Monitoring and Evaluation

Different approaches and methodologies are followed for monitoring and evaluation of CAMPA works.

- 1) Conventional monitoring methodologies
- 2) Monitoring using the Technology
- 3) Fiscal Monitoring
- 4) Third Party Evaluation

1) Conventional Monitoring Methodology:

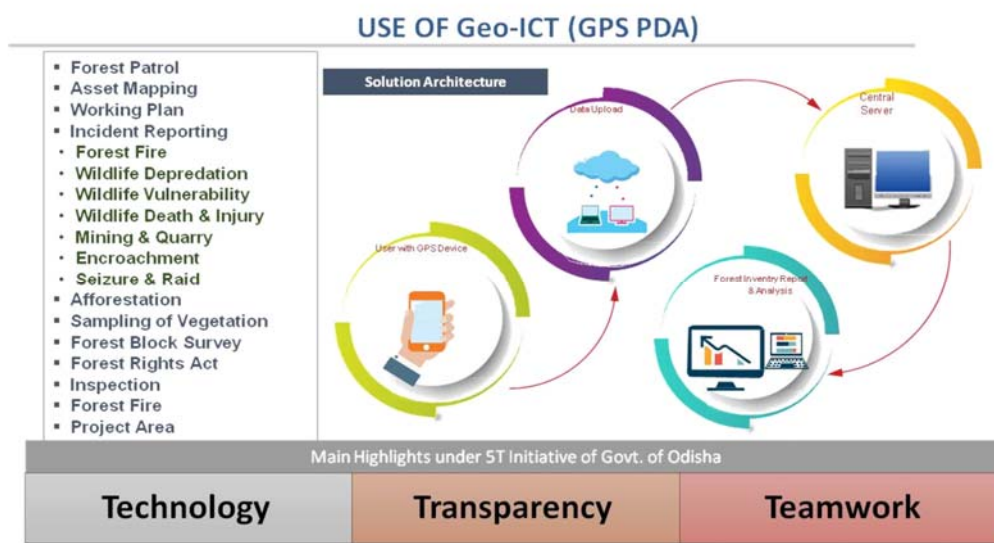
- (i) The conventional approach refers to the traditional method of monitoring and evaluation as per the mandatory provisions of Forest Department code. Site specific indicators are gathered from different hierarchical managements to assess the development of project. In Forest Department the main field executants of the projects starts from the Range officer level which is basic unit. As per the codal provision of the Forest Department, the Range officer is to monitor 100 percent of the activities in all stages of work. The Divisional Forest officer of the concerned Division plays key role in internal monitoring mechanism in his division and evaluation of the project. The fiscal discipline, project completion and outcome of the activities are major mandate as per the, Odisha Forest Departmental Code. The D.F.O makes regular inspections, study and analyze the field position and imparts directions to the field staff for further improvisation. While executing the projects, there is responsibility of all the officers to ensure that the field works done properly. All the field functionaries are having specific roles. As per guidelines of CAMPA, the Forester and Forest Guard of the respective area should monitor 100 Percent of the works executed in their jurisdiction; the Range officers being the executants review the activities at least 75% of the project works, ACF 25%, DCF/ DFO 10% and RCCF 5% of works to be inspected.
- (ii) The PCCF & HoFF being head of the State monitor the activities either by deputing the staff at regular intervals from State headquarters and also makes random field visit for monitoring and issue necessary instructions as when required. The RCCF also monitor the field activities in his jurisdiction very often and also arrange internal mechanism to monitor the project work and guide the sub-ordinates.
- (iii) A compendium has been framed in addition to new CAMPA rules, financial procedures and detailed guidelines for implementation of the CAMPA works. Work shop has also been conducted for DFOs on these changes. The codal provisions have also been changed and lot of field level trainings are being organized to sensitize the staff in accordance to changed scenario.

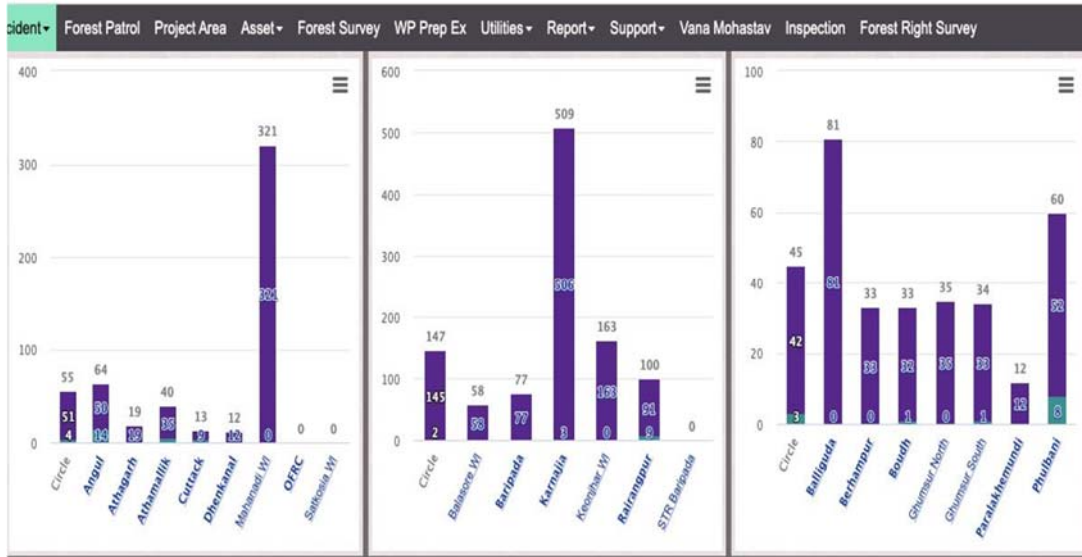
2) Monitoring and Evaluation with the usage of technology

- (i) Technology monitoring

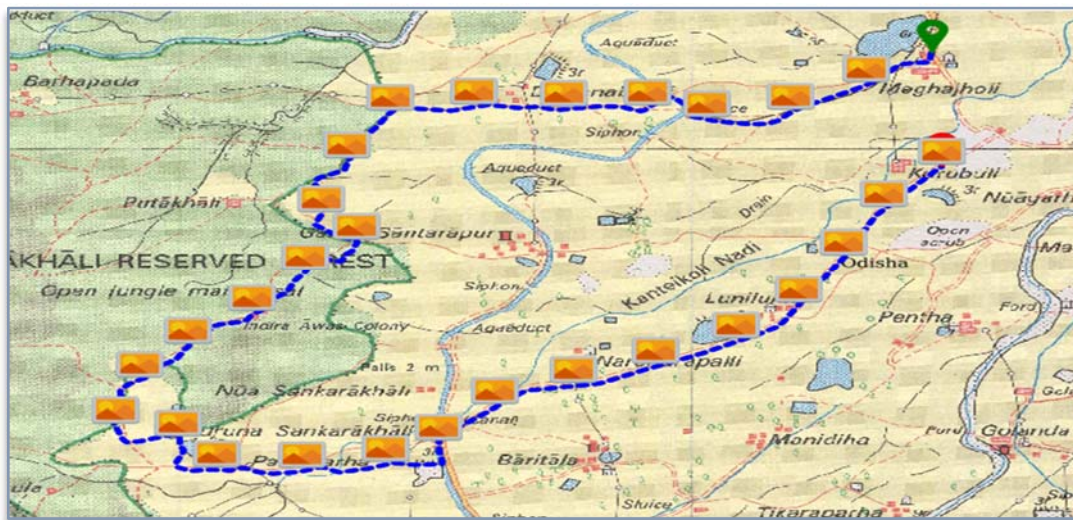
Technology is used in a big way for monitoring of CAMPA activities. A modern Forest IT & Geomatic Centre (FITGC) has been established with devoted IT infrastructure. This centre is monitoring all forestry related activities with the help of 13000 Smart Phones having android based OFMS application and 1200 Gagan enabled GPS-PDA devices. The login status, update of device application version and usage of the devices are also monitored though web application (www.odishaforestgis.in) in order to ensure use of the devices by all frontline field staff and strictly monitor all forestry related activities at each level in the official website: www.odishaforest.in, updated data on activities like raising of seedlings, plantation progress, tall seedling planting, seedling distribution details etc. has been made available for public viewing/ assistance.

To ensure Forest Protection, more focus is given on the foot patrolling especially during the odd hours. On an average 85,000Kilometres foot patrolling is done per month by all the forest circles in Odisha and monitored though the web application <https://odishaforestgis.in>. The forest foot patrolling is closely monitored daily/ hourly basis using GPS-PDA/Android application at range level, division level, circle level and state level. The distance and area coverage and achievement of foot patrolling, its timing and incidence reporting are monitored through the web application at all levels. Different incidents like illicit felling and wildlife sightings during foot patrolling apart from wildlife death/ injury and mining & quarrying inside the forests are recorded at the site.





(Bar showing distance covered through foot patrolling by different divisions)



(Foot patrolling done through boundary of forest block to check boundary pillars)

Month wise foot patrolling, fire incidence, number of assets mapped are monitored and the following bar diagram depicts monthly distance covered through foot patrolling & asset mapping and graph showing trend of forest fire incidences & wildlife depredation.



(Bar showing Forest Fire Monitoring)

(ii) Forest Fire Monitoring

Satellite based remote sensing technology and GIS tools have been effective in better prevention and management of fires through creation of early warning for fire prone areas, monitoring fires on real time basis and estimation of burnt scars. The forest fire monitoring is done in a unique way by integrating the FITGC server with FSI server to fetch the fire data directly in the fire application from FSI server. In addition to this, the application having navigation facility helps the ground staff to navigate and quickly reach to the fire spot thereby substantially reducing time to respond. The Forest HQ has dedicated fire cell which monitors fire on 24X7 basis and the damage due to fire is substantially reduced. The 31680 number of fire incidences detected during 2018 has been reduced to 19,787 in 2019 further it has been reduced to 11088 during 2020. Similarly, the area of 9730 ha affected due to fire during the year 2018 has been reduced to 7161 ha in the year 2019 and 6070 ha during 2020 fire season.



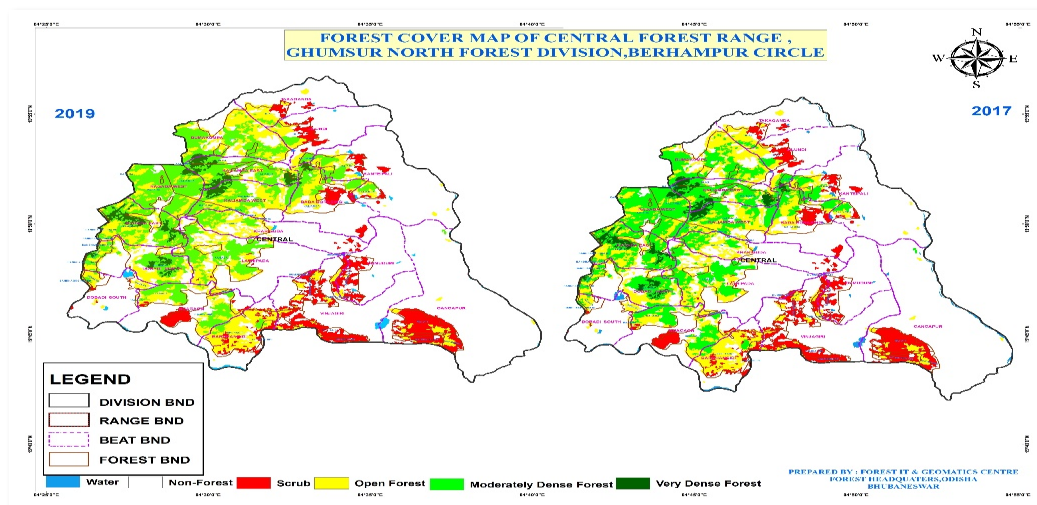
(Screen display of fire app showing the auto fetching fire point from FSI server, navigating to the fire spot, responding through App. and syncing to the server for monitoring.)

(Forest Fire Mapper)



(iii) Plantation Monitoring

The “forest cover change map” at beat level has helped the field staff for better planning of plantation and plantation related activities such as SMC, ANR etc. FCD module has been developed in OFMS Android App i.e., “**Afforestation Land Selection System**”. This application helps for selection of new Afforestation sites by the field staff using recent Forest Canopy Density during verification in Android App.



All assets like nurseries, CA & Non-CA Plantations, water bodies, buildings etc. are dynamically monitored using asset mapper application and all attributes of the assets such as Geo tagged photographs, scheme, year of project etc are recorded. Till date, 55,727 different assets are mapped in the field & monitored regularly through mobile/web application and 26,138 number of plantation sites have been monitored. A few images given below are used for monitoring purpose.

(Monitoring of Water body and Nursery in different years)



CA AR Plantation at Antulia Tabada RF Comp-06 over 4.384ha in Angul Division



CA Avenue Plantation in Keonjhar Division



Block Plantation of 10 Ha. at Basira Uparsahi under APO 2016-17 in Keonjhar Forest Division



**ANR Plantation 200 Ha. at Sapua RF Comp. No. 07 under APO 2017-18
in Nayagarh Division**



**Bald Hill Plantation 10 Ha. at Kutra under APO 2017-18,
in Sundargarh Forest Division**



(Monitoring of Assets-Building)



CONSTRUCTION OF RAIKHOLO RANGE OFFICE BUILDING AT KELAKATA IN RAIKHOLO DIVISION

(iv) KYFL @ Odisha (Know Your Forest Location in Odisha)

Under 5T initiatives of Govt. of Odisha, one Application i.e., KYFL @ Odisha has been inaugurated by Hon'ble Minister Forest and Environment, Parliamentary Affairs, Govt. of Odisha. The user can get the geo-location of Point of Interest (POI), name & Approximate Distance from the nearest Notified Forest Block and details of Forest Administrative Jurisdiction. The application also provides the additional land revenue Information like Name of the District, Tahasil, CD Block, GP, Village, Khata No., Plot No., Owner's Name, Land Type & area in Ha with respect to POI.

(v) Mo Jungle: My Odisha Forest

One new Application named "Mo Jungle: My Odisha Forest App" has been inaugurated by Hon'ble Minister Forest and Environment, Parliamentary Affairs, Govt. of Odisha. All plantation assets which have been created are brought under public domain through web application (www.odishaforest.in) and mobile application Mo Jungle: My Odisha Forest in iOS and Android to bring transparency in afforestation activity. All 11939 and 9128 number of plantation assets created during the year 2020 & 2021 respectively are available for public access and give their feedback on plantation.

3) **Fiscal Monitoring:**

This is a very important aspect of monitoring activities.

- a) The fiscal discipline is ensured through transaction in the IFMS portal, submission of online accounts to Accountant General, making direct benefit transfer using either IFMS platform or some other mechanism and ensure the payments are sent directly to the bank accounts of the beneficiaries.
- b) The efforts are being taken to minimize the pilferage and to increase the transparency in the financial transactions. Detailed guidelines are issued from State Authority for following Integrated Financial Management System, where in there is no handling of cash

and all the payments to the people working in various forestry operations are done online. The Campa money is released in four installments and after first and subsequent installments money is released on submission of Utilization Certificate. The funds for maintenance for plantation are released after getting a report on the survival percentage of plantation sites from the DFO. These steps help in empowerment of the people and minimize the chances of corruptive practices.

- c) Internal auditors have been appointed to monitor the procurement procedures, submission of accounts, proper expenditure of CAMPA funds. These auditors give a half yearly report and it helps in improving the efficiency in financial transactions.

4) Third Party Monitoring:

As per the provision of the CAMPA guidelines, the state CAMPA has been formulating the Annual Plans of Operation (APO) for all the years since 2009-10 to till date except 2018-19. As per guideline, technical evaluation of all ongoing activities under CAMPA by a Third-Party evaluator was considered essential. M/s CTRAN Consulting Ltd was appointed to carry out third party monitoring of all the CAMPA interventions since 2009-10 to 2016-17. The core activities from CAMPA fund comprises plantation, SMC Measures, forest protections, wildlife management, Ama Jungle Yojana and sacred groves. The non-core activities are research development, capacity building, infrastructure development, forest IT, working plan exercise, monitoring & evaluation and accounting. The evaluation study comprises 56 forest divisions (37-Territorial ,13-Wildlife and 6- Research Divisions) in addition to that Nandankanan Zoo, Research & Training establishment where CAMPA fund utilized were covered for evaluation. The study approach and methodology for various CAMPA interventions were evaluated using multiple data analysis approach and sampling criteria. M/s CTRAN has reflected satisfactory report for the aforesaid years monitoring and evaluation. The detailed evaluation report has been placed in the public domain (<https://odishaforest.in>).

Evaluation of projects under CAMPA in the state of Odisha for the year 2017-18, 2019-20 and 2020-21 was under taken by Price Water Cooper Private Limited (PwC Pvt. Ltd) as per the provision of CAMPA Act and Rules. The PwC Pvt. Ltd. has submitted the inception report for evaluation of interventions of CAMPA activities like AR, ANR, Afforestation of Bald Hills, Avenue Plantations, Compensatory Afforestation works, Subsidiary Silvicultural Operations of Bamboo, Soil and Moisture Conservation Measures, Forest Protection and Forest Fire Protection activities, Wildlife Management, Infrastructure Development, Research, Capacity Building and forest IT.

The proposed approach for evaluating the CAMPA work undertaken during APO 2017-18, 2019-20 and 2020-21 based on desk research, data collection through field inspection, conducting focused group discussions and stakeholder's consultations, analysis of data collected, analysis of impact with reference to sustainable development goals and of objective of CAMPA.



PART-II

ACTIVITIES TO BE UNDERTAKEN FOR COMPENSATORY AFFORESTATION, ADDITIONAL COMPENSATORY AFFORESTATION, PENAL COMPENSATORY AFFORESTATION, CATCHMENT AREA TREATMENT PLAN & FOR ANY OTHER SITE-SPECIFIC SCHEMES SUBMITTED BY THE STATE ALONG WITH APPROVED PROPOSALS FOR DIVERSION UNDER FOREST (CONSERVATION) ACT, 1980. REFERRED TO IN CLAUSE (a) OF SECTION 6, OF THE CAF ACT, 2016

PART – II

CAMPA is an institutional mechanism to receive and manage funds for raising compensatory afforestation. Central Government during the approval of diversion proposal of forest land for non-forestry use issue important stipulations as per Forest conservation Act 1980. In consonance with the Forest (Conservation) Act 1980, and the Rules and guidelines there under, the Compensatory Afforestation fund from user agency are collected and deposited in CAMPA account. Additional conditions are also imposed in certain cases considering the project status. Implementation of the site-specific schemes of Compensatory Afforestation (CA), Penal Compensatory Afforestation (PCA), Catchment Area Treatment Plan (CATP), etc., approved along with the forest diversion proposal is the first charge of the CAMPA fund and included in the APO.

The total forest area diverted in the State under Forest (Conservation) Act 1980 up to September 2021 is 58699.99 ha. In lieu of diverted forest land MoEF & CC has stipulated compensatory afforestation over 78913.38 ha up to Sep. 2021. The compensatory afforestation over 70749.85 ha has already been undertaken till 2021-22 plan period. An area of 6130.82 ha has been included in current APO 2022-23. (The area under CATP, Other Stipulations etc. are taken up separately)

Sl. NO.	Area Category	Area in Ha
1.	Total Forest Area Diverted up to Sep. 2021	58699.99
2	Total Stipulated Area (As per GOI) for Compensatory Afforestation upto Sep. 2021	78913.38
3.	Compensatory Afforestation completed upto Sep. 2021 including extra achievement of 183 Ha	70749.85
4.	Balance Area to be covered	8163.53
5.	Proposed CA in APO 2022-23	6130.82

1. COMPENSATORY AFFORESTATION DETAILS:

1.1 Current Year Activities

The extent of different models of plantation activities proposed under CA, PCA, Addl CA in APO 2022-23 are 772.52 ha in block plantation mode, ANR with gap over 3363.63 Ha , ANR without gap over 725.173 ha and bald hill over 1269.49 ha. Financial outlay of Rs 2530.70 lakh has been made for the above purposes. Proposal of ancillary activities for above CA, PCA, etc as per approved site-specific scheme with a financial outlay of Rs 2122.24 lakh has been included in this



APO. Apart from above, there are other stipulations like Block plantation over 12.73 ha, and tall tree over 1.61 Ha, ANR over 18.34 ha and tree plantation for 1700 nos has been proposed with financial outlay of Rs 118.9934 lakh. Further under CATP, 100 Ha of ANR along with SMC Work, Agro-Forestry, distribution of seedlings etc have been proposed with an Outlay of 118.11 Lakh. Ancillary activities are fencing, SMC measures, training, EPA activities and will be carried out as per site specific scheme approved as part of de-reservation proposal for approval by MoEF & CC. Further, the

maintenance of the previous year plantations and the pre-planting operation of plantation to be taken up during 2023-24 have been included in the APO 2022-23. The total outlay for CA, PCA, Backlog CA, leftover CA, CATP other Stipulations etc is Rs 48.91 Crore. Abstract of the current year afforestation activities and the division wise details are given in the **Table 1.1.1** and **1.1.2**. Division wise and location wise details of CA, PCA are given in **Annexure II-I**

Table 1.1.1 abstract of the current year CA, PCA afforestation activities

Sl No	Type of Activities	Component		Amount (In Lakhs)	
1	First Year Planting 2022-23				
	(i)	current CA	AR (in Ha)	567.038	1168.17035
			ANR (in Ha)	1999.647	
			ANR without Gap (in Ha)	429.621	
			Bald Hill (in Ha)	334.853	
			Total (In Ha)	3331.159	
	(ii)	Ancillary Activities (CA)			1974.18747
	(ii)	Left over CA	AR (in Ha)	9.738	319.96701
			ANR (in Ha)	534.081	
			ANR without Gap (in Ha)	107.000	
			Bald Hill (in Ha)	194.7275	
			Total (In Ha)	845.5465	
	(iii)	Back Log CA 3	AR (in Ha)	195.746	1042.57184
			ANR (in Ha)	829.9043	
			ANR without Gap (in Ha)	188.552	
			Bald Hill (in Ha)	739.9115	
			Total (In Ha)	1954.1138	
		Ancillary Activities (Backlog CA)			148.06163
		Grand Total of CA Plantation		6130.8193	4652.9583
	(iv)	CATP			118.11262
	(v)	Other Stipulations	AR (in Ha)	12.7393	54.33826
ANR (in Ha)			18.34		
Total (In Ha)			31.0793		
Tall Tree Plantation			1700 Nos		
(vi)	Stipulation against Exploratory Drilling	Tall Tree Plantation	1.61 Ha = 11550 Nos	64.65515	
	Grand Total		6263.5086 tall tree 13250 Nos	4890.06433	

Table 1.1.2 Division wise details of CA/PCA etc Plantation Activities for 2022-23

Sl. no	Name of Division	Block 1000 plant/Ha.		Block 1600 plant/Ha.		ANR 200 Plant./Ha		ANR 400Plant./Ha		ANR 600 Plant./Ha	
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Athamalik	47.56	11.20	-	-	-	-	-	-	-	-
2	Dhenkanal	37.00	16.63	0.79	0.34	486.46	110.83	267.23	81.70	70.00	26.86
3	Cuttack	-	-	95.19	49.66	-	-	-	-	-	-
4	Angul	-	-	1.36	0.44	4.74	1.08	-	-	2.77	1.06
5	Kalahandi South	2.41	0.57	-	-	200.00	46.11	132.00	40.36	-	-
6	Rourkela	-	-	8.22	2.65	0.02	0.01	508.56	155.49	-	-
7	Sundargarh	-	-	38.21	12.32	-	-	-	-	-	-
8	Keonjhar	120.84	28.45	10.49	3.38	494.39	113.84	193.93	59.94	-	-
9	Sambalpur	-	-	1.52	0.49	-	-	534.08	239.08	51.00	19.57
10	Jharsuguda	278.48	65.57	-	-	-	-	-	-	-	-
11	Baripada	-	-	-	-	-	-	35.00	10.70	-	-
12	Jeypore	-	-	6.67	2.15	-	-	-	-	-	-
13	Rajnagar(WL)	-	-	63.12	42.14	-	-	-	-	-	-
14	Athagarh	-	-	21.62	11.71	-	-	-	-	-	-
15	Chandaka WL	-	-	4.50	2.44	-	-	-	-	-	-
16	Rairangpur	-	-	40.78	22.09	-	-	-	-	-	-
17	Keonjhar WL	-	-	2.00	1.08	-	-	-	-	-	-
18	Koraput	-	-	-	-	-	-	-	-	-	-
19	Bonai	4.18	0.98	-	-	-	-	-	-	-	-
20	Rayagada	-	-	-	-	-	-	-	-	-	-
21	Khariar	-	-	1.95	1.06	-	-	-	-	-	-
	Total	490.47	123.40	296.41	151.95	1,185.61	271.87	1,670.80	587.27	123.77	47.50

Table 1.1.2 Division wise details of CA/PCA etc Plantation Activities for 2022-23 (Cont..)

Sl. no	Name of Division	ANR 800 Plant./Ha		ANR 1000 Plant./Ha		Bald hill 1600 Plant./ha without fencing		Urban Plantation No of Sapling		ANR without Gap Plantation/ Ha		Total		
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
1	Athamalik	-	-	-	-	-	-	-	-	-	-	47.56	11.20	
2	Dhenkanal	32.25	14.87	-	-	115.01	107.47	1,500.00	3.25	57.84	8.43	2,566.58	370.39	
3	Cuttack	-	-	-	-	6.79	6.41	100.00	0.22	-	-	201.97	56.28	
4	Angul	-	-	-	-	-	-	-	-	-	-	8.86	2.58	
5	Kalahandi South	-	-	-	-	1,101.93	1,039.04	1,160.00	2.51	212.33	31.27	2,808.67	1,159.85	
6	Rourkela	-	-	-	-	-	-	-	-	-	-	516.80	158.14	
7	Sundargarh	25.00	11.53	-	-	5.01	4.68	-	-	-	-	68.22	28.54	
8	Keonjhar	231.55	106.81	-	-	40.76	29.44	600.00	1.30	265.00	38.60	1,956.96	381.77	
9	Sambalpur	107.00	49.36	-	-	-	-	-	-	190.00	27.68	883.60	336.17	
10	Jharsuguda	6.00	2.77	-	-	-	-	-	-	-	-	284.48	68.34	
11	Baripada	-	-	-	-	-	-	-	-	-	-	35.00	10.70	
12	Jeypore	-	-	-	-	-	-	-	-	-	-	6.67	2.15	
13	Rajnagar(WL)	-	-	-	-	-	-	-	-	-	-	63.12	42.14	
14	Athagarh	-	-	-	-	-	-	-	-	-	-	21.62	11.71	
15	Chandaka WL	-	-	-	-	-	-	100.00	0.22	-	-	104.50	2.65	
16	Rairangpur	-	-	-	-	-	-	-	-	-	-	40.78	22.09	
17	Keonjhar WL	-	-	-	-	-	-	-	-	-	-	2.00	1.08	
18	Koraput	-	-	-	-	-	-	6,490.00	14.05	-	-	6,490.00	14.05	
19	Bonai	-	-	-	-	-	-	2,700.00	5.84	-	-	2,704.18	6.83	
20	Rayagada	-	-	-	-	-	-	600.00	1.30	-	-	600.00	1.30	
21	Khariar	-	-	-	-	-	-	-	-	-	-	1.95	1.06	
	Total	401.80	185.34	-	-	1,269.50	1,187.04	13,250.00	28.68	725.17	105.97	19,413.5	2,689.01	
	CATP- Jharsuguda Division ANR Gap @200 Plant. 100 Ha and Other activities, Sambalpur, Jeypore Division -												118.113	
	Other activities under Other Stipulation												41.338	
	Other Ancillary activities for CA and Backlog												2042.542	
	Grand Total-													4891.00

1.2 Maintenance of The Previous Year Plantations Under CA/PCA:



The maintenance of old plantations taken up in previous APOs under CA, PCA are given in the following **Table 1.2.1** the abstract of the maintenance of old plantation under CA/PCA etc in this APO

Table 1.2.1 Division wise details of Maintenance of Old Plantations under CA/PCA etc

Sl No	Activities	Type of Activities	Component	Amount (In Lakhs)	
Second Year Maintenance to be carried out during 2022-23					
1	(i)	Current CA, PCA, Addl CA	AR (in Ha)	42.932	363.54061
			ANR (in Ha)	2454.207	
			ANR W/O (in Ha)	3.912	
			Bald Hill (in Ha)	58.474	
			Total (In Ha)	2559.525	
			Extra ANR (in Ha)	564.615	
			Grand Total (In Ha)	3124.14	
	(iii)	Left Over CA	AR (in Ha)	82.000	120.18266
			ANR W/O (in Ha)	9.182	
			Bald Hill (in Ha)	286.132	
			Total (In Ha)	377.314	
	(iv)	Other Stipulations	AR (in Ha)	60.510	53.28927
			ANR (in Ha)	386.757	
Total (In Ha)			447.267		
Avenue Plantation			10.116 RKM 340 Nos		

Third Year Maintenance of 2020-21 Plantations to be carried out during 2022-23					
2	(i)	CA, PCA of 2020-21	AR (in Ha)	78.626	266.50518
			ANR (in Ha)	2546.227	
			ANR w/o Gap (in Ha)	449.496	
			Bald Hill (in Ha)	727.852	
			Total (In Ha)	3802.201	
(ii)	Other stipulation of 2020-21	AR (in Ha)	8.835	11.34552	
		ANR (in Ha)	137.990		
		Total (In Ha)	146.825		
		Tree Plantation (In Nos)	5050		
Fourth Year Maintenance of 2019-20 Plantations to be carried out during 2022-23					
3	(i)	CA, PCA of 2019-20	AR (in Ha)	247.7890	81.62998
			ANR (in Ha)	2826.6652	
			Bald Hill (in Ha)	227.5000	
			Total (In Ha)	3301.9542	
(ii)	Left over CA of 2019-20	AR (in Ha)	0	1.05446	
		ANR (in Ha)	4.48		
		ANR w/o Gap (in Ha)	93.17		
		Total (In Ha)	97.65		
(vi)	Other stipulations of 2019-20	AR (in Ha)	20.786	57.51885	
		ANR (in Ha)	1661.563		
		Bald Hill (in Ha)	155.747		
		Total (In Ha)	1838.096		
(vii)	Left over CB of 2019-20	Canal Bank Plantation (RKM)	31.1	0	
Fifth Year Maintenance of 2018-19 Plantations to be carried out during 2022-23					
4	(i)	CA of 2018-19	AR (in Ha)	125.2349	19.14430
			ANR (in Ha)	1066.2507	
			Total (In Ha)	1191.4856	
	(ii)	Backlog CA of 2018-19	AR (in Ha)	35.58	2.09136
	(iii)	Surrendered CA of 2018-19	AR (in Ha)	3.2200	0.90250
ANR (in Ha)			72.8047		
Total (In Ha)			76.0247		
(iv)	Other Stipulations of 2018-19	AR (in Ha)	10.449	2.05983	
		ANR (in Ha)	79.301		
		Total (In Ha)	89.750		
		Tree Plantation (Nos)	640		
(v)	Surrendered Other Stipulation of 2018-19	Avenue Plantation (Nos)	7000	7.31472	
Sixth Year Maintenance of 2017-18 Plantations to be carried out during 2022-23					
5	(i)	CA 2017-18	AR (in Ha)	6.353	21.78030
			ANR (in Ha)	1036.822	
			Bald Hill (in Ha)	65.000	
			Total (In Ha)	1108.175	
(ii)	Surrender CA 2017-18	AR (in Ha)	69.460	36.79553	
		ANR (in Ha)	1796.027		
		Bald Hill (in Ha)	87.000		
		Total (In Ha)	1952.487		
		Tree Plantation(Nos)	100		
(iii)	Backlog CA 2017-18	ANR (in Ha)	10.59	0.10374	
(iv)	Other Stipulations of 2017-18	ANR (in Ha)	35.455	0.34733	
		Total (In Ha)	35.455		
Seventh Year Maintenance of 2016-17 Plantations to be carried out during 2022-23					
6	(i)	CA of 2016-17	AR (in Ha)	373.0975	44.98987

		ANR (in Ha)	2353.8584	
		Total (In Ha)	2726.9559	
	(ii)	Other stipulations of 2016-17	AR (in Ha)	28.801
			ANR (in Ha)	329.973
			Total (In Ha)	358.774
		CATP of 2016-17	ANR (in Ha)	62.000
				0.60738
		Eighth Year Maintenance of 2015-16 Plantations to be carried out during 2022-23		
	(i)	CA of 2015-16	AR (in Ha)	169.143
			ANR (in Ha)	803.976
			Total (In Ha)	973.119
7	(ii)	Other stipulations of 2015-16	AR (in Ha)	1.468
			ANR (in Ha)	18.702
			Total (In Ha)	20.170
			Avenue Plantation (RKM)	30.44
				8.14317
		Preliminary Operation to be carried out in 2023-24		
		Preliminary Operation	Block (in Ha)	300
			ANR (in Ha)	3000
			Bald Hill (in ha)	700
				260.82000
			Total	7712.40695
		5% addl. amount for wage enhancement during the implementation year		326.08867
		Grand Total		8038.49562

Table 1.2.2 ABSTRACT OF PLANTATION ACTIVITIES UNDER CA, PCA		
Activity	Physical Target (in Ha/ Nos.)	Financial Target (Rs. in lakhs)
Current year plantation	6263.509 Ha +13250 Nos Seedling	4890.06
2 nd year maintenance	3942.72 Ha & 10.11 RKM +340 Nos	537.01
3 rd year maintenance	3949.03 Ha & 5050 Nos	277.85
4 th year maintenance	5237.70 & 31.1 RKM	140.20
5 th year maintenance	1357.26 Ha & 7640 Nos	31.51
6 th year maintenance	3096.117 Ha & 100 Nos	59.02
7 th year maintenance	3147.73 Ha	49.91
8 th year maintenance	993.28 Ha & 30.44 RKM	25.96
Preliminary Operation (Tentative)	4000 Ha	2026.34
Total-		8038.50

The financial outlay for CA, PCA, CATP and Other Stipulation component under APO 2022-23 is Rs 48.91 Cr. and for maintenance of plantation and PO work the financial outlay has been proposed for Rs.31.48 Cr.

2. INTEGRATED WILDLIFE MANAGEMENT PLAN

The integrated wildlife management plan has been formulated by the PCCF WL & CWLW, Odisha at the time of diversion of forest land for non-forestry purposes with a view to tackle local and regional wildlife issues such as habitat loss and degradation, fragmentation of habitats, spread of exotic flora and fauna species, biotic interference, animal corridor issues, human Wildlife conflicts etc. Wildlife management plan is essentially integrated with the management plans for Protected Areas and need based interventions for other wildlife rich areas including wildlife corridors and attempts to minimize man animal conflicts.

The components of integrated wildlife management plan consist of

- A. Regional Wildlife Management Plan (Rs. 15 Cr.)
- B. Site specific Wildlife Conservation Plan (Rs. 47.6419Cr.)

2.1 Regional Wildlife Management Plan:

While sending proposals for diversion of forest land for mining purpose, State Government stipulate for realisation of cost towards implementation Regional Wildlife Management Plan in the impact areas as well as its periphery. The State Govt fix the cost norm for realisation of cost towards implementation of Regional Wildlife Management Plan.

The following is the cost norm revised from time to time as detailed below, basing on the revision of minimum wage rate by State Government for implementation of Regional Wildlife Management Plan.

Table 2.1 Cost norm of RWLMP Fund fixed by the State Govt. over Years

Min. Wage Rate	Cost norm per ha	Effective from	Govt. letter No. & date
Rs.55/-	Rs.15,000/-	Up to 22.03.2008	22295/F&E dt 30.12.2005
Rs.70/-	Rs.20,000/-	23.03.2008 to 12.07.2009	6495/F&E dt 23.03.2008
Rs.90/-	Rs.26,000/-	13.07.2009 to 05.10.2012	27209/F&E dt 31.12.2013
Rs.150/-	Rs.43,000/-	06.10.2012 to 04.12.2016	20693/F&E dt 05.10.2013
Rs.200/-	Rs.58,000/-	05.12.2016 to 29.10.2018	22675/F&E dt 05.12.2016
Rs.280/-	Rs.82,000/-	30.10.2018 31.03.2019	26159/F&E dt 05.12.2018
Rs.286.30/-		01.04.2019 to 30.09.2019	4820/LC dt.27.05.2019
Rs.298/-		01.10.2019 to 31.03.2020	11688/LC dt.07.11.2019
Rs.303.40/-		01.04.2020 to 31.03.2020	4864/LC dt.22.07.2020
Rs.308/-		01.10.2020 to 31.03.2021	6100/LC dt.21.10.2020
Rs.311/-		01.04.2021 till date	2816/LC dt.25.05.2021

Till Mar’ 2021 an amount of Rs.317.93 Cr has been realized for implementation of Regional Wildlife Management Plan. Government of Odisha in Forest & Environment Department have approved the proposal for preparation of a comprehensive Wildlife Management Guidance (OSCOV-MAG) for the whole state vide letter No.8F-(S)-50/2014-15814/ F&E dated 27.08.2014 and the MOU was signed between the Forest Department, Government of Odisha and WTI on dated 11.12.2015 at cost outlay of Rs.3.65 Crores. WTI have submitted the final plan and provision for Rs.30.00 Crore were made in CAMPA APO: 2021-22 towards its implementation. This year Rs.15.00 Crore is being proposed for its implementation.

2.2 Implementation of Site-specific Wildlife Conservation Plan

In case of establishing any industry/ developmental/mining project requiring diversion of forest land involved and in need of environmental clearance under Environmental Protection Act, 1986, certain conditions are imposed by Government of Odisha/ Government of India towards conservation of flora and fauna likely to be affected within the project area as well as in the impact area of up to 10 km radius around the project. This involves preparation of Wildlife Conservation Plan for each site where these projects are being established.

The Site-specific Wildlife Conservation Plans are implemented subject to fulfillment of certain conditions

- 1) The plan has to be approved by the PCCF (WL) & CWLW, Odisha.
- 2) The fund for implementation of the plan in the project impact area has been deposited by the project proponent in the specific CAMPA A/c.
- 3) The project has got final forest clearance/ environmental clearance, as the case may be.

Till January 2021, Site Specific Wildlife Conservation Plans of 238 projects have been approved by the PCCF (WL) & CWLW, Odisha at a total cost (for project impact area) of Rs. 931.1303 Crores. Out of the same, Rs.657.71 Crores have been realized from 173 project proponents towards project impact area cost.

Since, APO 2011-12, the site-specific wildlife conservation plans are being implemented and up to APO 2020-21, an amount of Rs.107.4452 Crores have been utilized. Also a provision of Rs. 32.8131 Crore has been made in the APO 2021-22 which is under implementation.

It is proposed to implement 30 new Site-Specific Plans in addition to 99 running Site-Specific Plans of previous years covering 31 Divisions in this plan. Thus, necessary provisions for 129 projects at a cost of Rs.47.642 Crores have been made under APO 2022-23.

The abstract of activities and financial outlay for each activity under Site Specific Conservation Plan are enclosed as *Annexure -I & II* the division wise abstract details are given in the Table 2.2

Table 2.2 Division wise details of site-specific wildlife conservation plan

SL. No.	Name of the Division	No. of Projects	Amount	Remarks	
			(Rs.in Crore)	Old	New
1	Angul	7	2.3476	5	2
2	Dhenkanal	10	7.7985	2	8
3	Satkosia (WL)	1	0.0719	1	0
4	Athgarh	3	1.8201	3	0
5	Cuttack	17	4.6975	16	1
6	Athamallik	3	0.8672	2	1
7	Keonjhar (WL)	2	1.2285	2	
8	Khariar	1	0.0574	1	
9	Mangrove (WL)	1	1.148	1	
10	Bhadrak (WL)	1	0.055	1	
11	Nayagarh	1	0.2897	1	
12	Khordha	1	0.2727	1	
13	Rayagada	4	1.39	3	1
14	Bonai	20	4.4815	17	3
15	Deogarh	4	2.7079	2	2
16	Keonjhar (T)	21	5.011	18	3
17	Rourkela	6	1.4819	6	
18	Sundargarh	2	0.2605	2	
19	Sambalpur	5	0.8332	5	
20	Jharsuguda	5	1.3272	5	
21	Rairakhol	1	0.5097	1	
22	Bamra (WL)	3	0.145	3	
23	Rairangpur	1	1.2093		1
24	Karanja	2	3.2398		2
25	Baripada	1	0.5043		1
26	Boudh	1	1.8863		1
27	Phulbani	1	0.1028		1
28	Subarnapur	1	0.8165		1
29	Bolangir	1	0.2879		1
30	Puri	1	0.1244	1	
31	Chandaka WL	1	0.6684		1
Total:-		129	47.642	99	30



PART - III

**ACTIVITIES TO BE UNDERTAKEN FROM
NET PRESENT VALUE AND INTEREST
COMPONENT REFERRED IN RULE-5 AND
RULE-6 OF CAF RULES 2018**

PART –III

Different forestry activities are proposed to be undertaken as per the provisions made under Rule 5 and 6 of Compensatory Afforestation Fund, Rules 2018 out of NPV (Net Present Value) and Interest component. The manner of utilization of NPV has been adhered as per Sub rule-2 & 3 of Rule 5. The utilization of Interest accrued on deposit in state fund has been proposed in consonance with provision made in Rule-6. The abstract of the activities is given below and the division wise details of the individual components are also mentioned in this chapter in tables. The site wise location details are furnished in different Annexure as indicated in the table.

ABSTRACT OF PHYSICAL & FINANCIAL OUTLAY FOR DIFFERENT ACTIVITIES UNDER NPV AND INTEREST MONEY FOR APO 2022-23.

SL	Activity	Physical Target	Unit Cost (Rs. in Lakh)	Financial Outlay (Rs. in Crore)	CAF Rule under Which permissible
(80% NPV) Activities					
Plantation (Creation)					
1	ANR Plantation (0th + 1st Year)				Rule 5(2)(a)
	Vanya Silk @500 plant/ha	1877 Ha	0.62876	11.8	
	Fodder and Fruits Species @500 plant/ha	2760 Ha	0.62876	17.35	
	RET/Medicinal Species @200 plant/ha	2452 Ha	0.31284	7.67	
	Other Indigenous MiscSpecies @200 plant/ha	44998 Ha	0.31284	140.77	
	Total ANR	52087 Ha		177.6	
2	AR Plantation (0th + 1st Year)				Rule 5(2)(b)
	Economic (Timber/High value Timber Species except Teak) @1600 plant/ha	200 Ha	2.05526	4.11	
	Other Indigenous Species @1600 plant/ha	1204 Ha	2.05526	24.75	
	Other Indigenous Species @1000 plant/ha	1050 Ha	1.45077	15.23	
	Phasi @1600 plant/ha	85 Ha	2.05526	1.75	
	River Rejuvenation Plantation@1600 plant/ha	85 Ha	2.05526	1.75	
	Baldhill @1600 plant/ha	1020 Ha	3.15386	32.17	
	Casuarina (in protected area only) @2500 plant/ha	452 Ha	1.77238	8.01	
	Mangrove @2500 plant/ha	8 Ha	0.94027	0.08	
	Mangrove (Hypocotyl) @4445 plant/ha	155 Ha	0.3592	0.56	
	Miyawaki Plantation @8000 Plant/ha	5 Ha	39.122	1.96	
	Fodder and Fruits @1600 plant/ha (1st year only)	60 Ha	1.74698	1.05	
	Total AR Plantation	4324 Ha		91.4	

	Total Plantation (Creation)	56411 Ha		269.00		
3	ANR @200 plant/ha	35515 Ha	0.08094	28.75	Rule 5(2)(a)(b)	
	AR @1600 plant/ha	1490 Ha	0.4239	6.32		
	Bald Hill @1600 plant/ha	1326 Ha	0.52475	6.96		
	Bamboo @400 plant/ha	1370 Ha	0.25706	3.52		
	Miyawaki @8000 plant/ha	13 Ha	9.23854	1.20		
	Fodder & Fruit @1600 plant/ha	105 Ha	0.4239	0.45		
	Casuarina @2500 plant/ha	46.1 Ha	0.72265	0.33		
	Conservation of RET Species (With Gap) @200 plant/ha	130 Ha	0.08094	0.11		
	Conservation of RET Species (without Gap)	70 Ha	0.0554	0.04		
	3rd year Maintenance					
	ANR @200 plant/ha	39900 Ha	0.06776	27.04		
	AR @1600 plant/ha	1500 Ha	0.27144	4.07		
	Bald Hill @1600 plant/ha	875 Ha	0.24542	2.15		
	Bamboo @400 plant/ha	770 Ha	0.17388	1.34		
	Fodder & Fruit @1600 plant/ha	385 Ha	0.27144	1.05		
	Fodder & Fruit (Urban Mode)@1600 plant/ha	62.5 Ha	1.11398	0.70		
	Miyawaki @8000 plant/ha	4 Ha	4.29209	0.17		
	Conservation of RET Species (With Gap) @200 plant/ha	85 Ha	0.06776	0.06		
	Conservation of RET Species (without Gap)	799 Ha	0.02961	0.24		
	4th year Maintenance					
	ANR @200 plant/ha	20100 Ha	0.0486	9.77		
	AR @1600 plant/ha	2000 Ha	0.06984	1.40		
	Avenue Plantation @250 Plant/RKM	76 K.M.	0.2646	0.20		
	Total Maintenance (2nd +3rd +4th year)			95.83		
	Total Plantation (Creation+ Maintenance)				364.83	
4	Ama Jangala Yojana			0	Rule 5(2)(a)(b)(g)	
	Ama Jangala Yojana Phase-II (New Plantation) (Proposed)	25000 Ha		30.7		
	Ama Jangala Yojana Phase-I (Maintenance of old Plantation)	95837 Ha		38.3		
	Total Ama Jangala Yojana			69.00		
5	Silvicultural Operation of Bamboo	88520 Ha	0.0252	22.31	Rule 5(2)(c)	
	Maintenance of Compartment /Coupe boundary for Silvicultural Working of Forests as per Working Plan Prescription	13333 Ha	0.0300	4.00		
	Silvicultural Operation & maintenance of research garden and Research Plots	LS		2.00		
	Total Silvicultural Operation			28.31		
6	Protection					
	Protection of Forest through consolidation by Geo Referencing of Notified Forest Block 13046.87 KM ² and 3965.17 KM ² of Revenue and Deemed Forest Area	LS		30.00	Rule 5(2)(d)	
	Protection of Forest through provisioning of mobility by hired vehicle (whole the year)	316 Nos	5.16	16.31		

	Total Protection			46.31	
7	Forest Fire Prevention and control Operations				Rule 5(2) (f)
	Fire Protection Rapid response teams involving community youth with hired vehicle for Fire Protection	213 No.	6.825	14.54	
	Creation and Maintenance of fire line	19500 KM	0.0315	6.14	
	Procurement of Fire Blower including fuel and other accessories	306 Nos	0.65	1.99	
	Logistic support for fire squads	213 Nos	0.85	1.81	
	Training on Forest Fire to the frontline Forest Staff	283 Nos	0.1	0.28	
	Awareness Campaign in the ranges	283 Nos	0.5	1.42	
	Fire Watch Tower	10 No.	20.0	2.00	
	Total Fire Prevention and Control Operations			28.18	
8	Soil and Moisture Conservation in Forest area	26500 Ha	0.35	92.75	Rule 5(2) (g)
9	Management of biological diversity and biological resource				Rule 5(2)(m)
	Management of biological diversity and biological resources	LS		0.50	
	Promoting conservation, sustainable use.....chronicling of biological diversity	LS		2.50	
	Management of biological diversity	LS		3.00	
	Total NPV 80%(General)			632.37	
	Wildlife Management				
10	Protection under Wildlife Management	LS		15.75	<i>Rule 5(2)(d)</i>
11	Fire Prevention and control under in PAs Wildlife Management	LS		11.44	<i>Rule 5(2)(f)</i>
12	Augmentation of food and water resources:	LS		11.03	Rule 5(2)(i)
	Monitoring assessment and protection of wildlife habitat	LS		19.45	
	Habitat Management	LS		9.00	
	Management of Special Habitats	LS		3.62	
	Total Wildlife Habitat Management			43.10	
13	Corridor Management	LS		0.63	<i>Rule 5(2)(j)</i>
14	Establishment, operation and maintenance of animal rescue centre and veterinary treatment facilities for wild animals	LS		14.00	<i>Rule 5(2)(k)</i>
15	Biodiversity assessment in Protected Areas.	LS		17.91	<i>Rule 5(2)(m)</i>
16	Relocation of Villages in Protected Areas	LS		65.00	<i>Rule 5(2)(h)</i>
	Total Wild Life Management (NPV 80%)			167.83	
	Total 80 % NPV (General+WL)			800.20	

(20% NPV) Activities					
17	Capacity Building of frontline forest Staff and other stake holders	LS		2.00	<i>Rule 5(3)</i>
18	Improvement of Permanent Nursery including creation of Vermicompost unit	600 Nos	1.5	9.00	<i>Rule 5(3)(a)</i>
19	Up-gradation of Communication and information Technology, Geo-ICT facility-based Server infrastructure, maintenance and procurement of IT Equipment and devices	LS		17.34	<i>Rule 5(3)(c)</i>
20	Construction & maintenance of Forest Roads /Path etc.				
	Maintenance of Forest Road	1000 K.M.	0.69	6.90	
	Culvert	129 Nos	1.53	1.97	<i>Rule 5(3)(d)</i>
	Cause Way	406 Nos	1.06	4.30	
	Sub Total (General)			13.18	
21	Construction of Residential /Office Building for frontline staff etc.				<i>Rule 5(3)(e)</i>
	Range Office	11 Nos	31.65	3.48	
	Range Officer Residence	13 Nos	24.521	3.19	
	Forester Qtrs.	90 Nos	20.389	18.35	
	Forest Guard Qtrs.	258 Nos	16.29	42.03	
	Seizure Yard	31 Nos	12	3.72	
	Spill over Work for APO 2021-22			7.00	
	Total Construction of Residential....			77.77	
22	Casual Engagement of Local youth to assist regular staff of state forest department for works for protection of forest and wildlife undertaken from State Fund (10 person each in 227 units for whole year)	227 Nos	15.87	36.02	<i>Rule 5(3)(f)</i>
23	Survey & Mapping of Forest Areas to create Land Bank for Compensatory Afforestation	LS		2.00	<i>Rule 5(3)(g)</i>
24	Monitoring & Evaluation	LS		4.50	<i>Rule 5(3)(h)</i>
25	Publicity Awareness (Forest Museum at Botanical Garden, Nandankanan/ Facilitation Center)	LS		5.00	<i>Rule 5(3)(i)</i>
	Total NPV 20% (General)			166.81	
	Wildlife Management				
26	Equipment/Devices for Communication & IT	LS		3.50	<i>Rule 5(3)(c)</i>
27	Construction & maintenance of Forest Roads /Path etc.	LS		9.82	<i>Rule 5(3)(d)</i>
28	Publicity, Awareness etc. in PA's and Wildlife rich areas	1000 Nos	0.2	2.00	<i>Rule 5(3)(i)</i>
	Total NPV 20% (WL)			15.32	
	Total NPV 20% (General+WL)			182.12	
	Total NPV (80%+20%)			982.33	

Activities utilising Interest Money					
60 % Interest Money					
29	Escalation of program cost due to revision of wage rate	LS		4.50	<i>Rule 6(a)(i)(ii)(iii)</i>
30	Maintenance of 18 months seedling to be planted during 2022-23 (3 months)	2 Cr	0.000059 8	11.96	Rule 6(a)(vi)
	Maintenance of 18 months seedling to be planted during 2023-24 (12 months)	2.50 Cr	0.000346 1	86.53	
Total maintenance Raising Seedlings...				98.49	
Total 60 % of Interest fund				102.99	
40 % Interest Money					
31	Management of office establishment of State Authority CAMPA	LS		6.00	<i>Rule 6(b)(i)</i>
32	State Capacity Building centre	LS		5.00	Rule 6(b)(vi)
	Charges for consumption of internet data towards collection, maintenance and updating of OFMS web Portal by the field functionaries for 51 Forest Divisions	LS		2.00	
Total Interest 40%				13.00	
Total Interest (60% + 40%)				115.99	

ACTIVITIES PROPOSED UNDER NPV & INTEREST

A. UNDER 80% NPV CATEGORY

1. New Plantations
2. Maintenance of Old Plantations
3. Ama Jangala Yojana
4. Silvicultural Operations
5. Forest Protection Activities
6. Forest Fire Prevention and Control Operations
7. Soil & Moisture Conservation
8. Management of Biodiversity
9. Wildlife Protection and Management

B. UNDER 20% NPV CATEGORY

10. Capacity Building
11. Improvement of Permanent Nursery
12. Upgradation of Geo-ICT Facilities
13. Infrastructure Development
14. Casual Engagement of local Youth
15. Survey & mapping for CA Land Bank
16. Monitoring & Evaluation
17. Publicity awareness
18. Activities under Wildlife Management

C. UNDER INTEREST 60 % CATEGORY

19. Escalation of Program Cost due to Enhancement of Wage Rate
20. Raising & Maintenance of 18 months old seedling

D. UNDER INTEREST 40 % CATEGORY

21. Expenditure of State Authority
22. State capacity building centre
23. Charges towards Data connection

A. ACTIVITIES UNDER 80% NPV CATEGORY

1. New plantation:

The Forest Department under CAMPA, Odisha is gearing up with its major mandate to enhance green cover in the State by taking up plantation drive through different site-specific models. Working plan prescription has been adhered to while selecting the forest area for plantation. The local fringe villages are taken in to confidence and their co-operation is sought for. In this APO 2022-23, all out efforts have been made to accommodate various models of plantation considering the biodiversity of the area, feasibility and suitability of species considering edaphic factors and need of the society and wildlife in the area.

1.1 Aided Natural Regeneration (ANR)

The ANR is an activity of rehabilitating denuded forest by taking advantage of trees already growing in the area. This usually involves the following activities: tending of existing indigenous tree species, maintenance, and augmentation planting and protection in the gaps. The gaps so created are primarily due to biotic interference, repeated fire, grazing and encroachment and various anthropogenic factors. Those forest blocks contain enough potential and sufficient root stocks and natural regeneration which if tended and protected could be converted in to high forest. There are gap plantation and the silvicultural interventions are required to enhance the density of the forest. The natural forest blocks which are included in Rehabilitation working circle as per working plan prescription are taken for ANR interventions. It is aimed to strengthen the resilience of natural forest. Different model of ANR activity has been proposed considering various aspects of forest rejuvenation and site suitability.



In APO 2022-23 plan period ANR activities in different models are proposed in consonance with the CAF Rule 5(2)(a) over an area of 52087 ha with a total financial outlay of Rs.177.60 Cr. The different models of ANR are furnished below with Division wise physical target and financial outlay.

1.1.1 Vanya silk Plantation @ 500 plants /Ha

Wild/Forest silk are very often called “Vanya silk”. It was abundantly found inside forest floor but the silk grown plants are depleting day by day due to various anthropogenic & biotic factors. Collection of wild silk cocoons and drawing hand spoon yarns from them was a gainful occupation for tribals from time immemorial. It has become a part of our culture heritage. Hence, it has become crucial importance to protect the tiny rare species of silkworm from getting extinct and provide ample scope to



rural poor for their livelihood. Therefore, plantation of Asana, Arjun etc. in gap plantation in suitable degraded forest patch has been considered in this APO 2022-23. An area of 1877 Ha in ANR mode @ 500 plants /Ha has been proposed in different Divisions with financial outlay of **Rs 11.80 Cr.** Details Division wise target is furnished below in table 1.1.1 and site wise details in Annexure III-I.

**Table 1.1.1 Division wise Target of ANR Gap Vanya Silk Plantation
@ 500 Plants per Ha (@Rs 0.62876 Lakh Per Ha)**

Circle	Division	Area (Ha)	Financial Outlay Rs in Crore
Angul	Athmallik	30	0.1886
	Dhenkanal	42	0.2641
	Cuttack	100	0.6288
Angul	Total-	172	1.0815
Berhampur	Boudh	100	0.6288
Berhampur	Total-	100	0.6288
Sambalpur	Bargarh	150	0.9431
Sambalpur	Total-	150	0.9431
Rourkela	Sundargarh	100	0.6288
	Bonai	100	0.6288
	Deogarh	100	0.6288
	Keonjhar	135	0.8488
Rourkela	Total-	435	2.7351
Baripada	Baripada	200	1.2575
	Rairangpur	200	1.2575
Baripada	Total-	400	2.5150
Bhawanipatna	Bolangir	150	0.9431
	Khariar	40	0.2515
Bhawanipatna	Total-	190	1.1946
Koraput	Rayagada	20	0.1258
	Koraput	60	0.3773
	Jeypore	50	0.3144
	Nowrangpur	150	0.9431
	Malkangiri	150	0.9431
Koraput	Total-	430	2.7037
	Grand Total-	1877	11.8018

1.1.2 Fodder & Fruit Plantation @500 plants /HA

The fodder and fruit bearing plants are source of food supply in form of fruits, seeds and other edible parts. It plays key role in providing food to both wild and domesticated animals as well as cater the needs of local poor. The major aspect of such plantation helps in wildlife conservation, reduce the man animal conflict and enhance green coverage. It is proposed to carry out fodder and fruit bearing species plantation in the gaps of forest areas,



especially where there is much more interface between the wildlife and human. This is also one of the major mandates of Government of India. Considering the above aspects, an area of **2760 Ha** has been proposed in different Divisions with financial outlay of **Rs 17.35 Cr.** Details Division wise target is furnished below in table 1.1.2 and site wise details in Annexure III-II.

Table 1.1.2 Division wise target of ANR Gap Fodder & Fruit Plantation @500 plants per Ha (@ Rs 0.62876 Lakh Per Ha)

Circle	Division	Area (Ha)	Financial Outlay Rs in Crore
Angul	Angul	524.0	3.2947
	Dhenkanal	32.0	0.2012
	Cuttack	100.0	0.6288
	Total-	656.0	4.1247
BBSR	Puri WL	16.0	0.1006
	Nayagarh	150.0	0.9431
	Total-	166.0	1.0437
Berhampur	Boudh	200.0	1.2575
	Gh.South	400.0	2.515
	Total-	600.0	3.7726
Sambalpur	Bamara WL	120.0	0.7545
	Total-	120.0	0.7545
Rourkela	Sundargarh	100.0	0.6288
	Rourkela	150.0	0.9431
	Bonai	100.0	0.6288
	Total-	350.0	2.2007
Baripada	Baripada	200.0	1.2575
	Rairangpur	113.0	0.7105
	Total-	313.0	1.968
Bhawanipatna	Subarnapur	150.0	0.9431
	Bolangir	150.0	0.9431
	Khariar	50.0	0.3144
	Sunabeda WL	65.0	0.4087
	Total-	415.0	2.6094
Koraput	Rayagada	30.0	0.1886
	Koraput	60.0	0.3773
	Jeypore	50.0	0.3144
	Total-	140.0	0.8803
	Grand Total-	2760.0	17.354

1.1.3 RET /Medicinal plantation @ 200 plants /Ha

An endangered species is a native species that faces a significant risk of extinction in the near future throughout all or a significant portion of its range. The combination of global warming and habitat destruction is the sole reason for the disappearance of many plants and species. Since plants are a critical part of the ecosystem, we decided to dedicate our efforts to study the species, including the old and rare ones that are heading for extinction. These species are to be explored, identified and documented, as their small population size has become a major concern. Urgent measures were needed to restore the endangered species. To initiate a species recovery process by plantation programme through which the decline of a threatened species could be arrested or reversed. Many valuable indigenous having high medicinal value species are getting depleted day by day due to deforestation like Xylia, Sandal wood, Red Sanders, Asan, Arjun, Dhaura, Kendu, etc. Those medicinal and RET species proposed for plantation and conservation to revive its natural stock. Hence to increase their population in ANR Gap Plantation Mode have been formulated in this APO 2022-23. Therefore **2452 ha.** area has been identified in different forest Divisions of the State to conserve RET/medicinal species. An outlay of **Rs.7.67 Cr** has been proposed for the purpose. The detail division wise target is furnished in following **Table 1.1.3** and the site wise details are given in the **Annexure III-III**



Table 1.1.3 Division wise target of ANR Gap RET / Medicinal Plantation @200 plants per Ha (@ Rs 31284/- Per Ha)

Circle	Division	Area (Ha)	Financial Outlay Rs in Crore
BBSR	Khurda	200.0	0.62568
	Total-	200.0	0.6257
Berhampur	Boudh	60.0	0.1877
	Gh.South	500.0	1.5642
	Berhampur	50.0	0.15642
	Parlakhemundi	100.0	0.31284
	Total-	710.0	2.2212
Sambalpur	Rairakhhol	200.0	0.62568
	Bamara WL	200.0	0.62568
	Total-	400.0	1.2514
Rourkela	Sundargarh	200.0	0.62568
	Rourkela	10.0	0.03128
	Deogarh	50.0	0.15642
	Total-	260.0	0.8134
Baripada	Karanjia	200.0	0.62568
	Rairangpur	155.0	0.4849
	Total-	355.0	1.1106
Bhawanipatna	Kalahandi(N)	25.0	0.07821
	Kalahandi (S)	25.0	0.07821

	Bolangir	200.0	0.62568
	Sunabeda WL	107.0	0.33474
	Total-	357.0	1.1168
Koraput	Koraput	100.0	0.31284
	Jeypore	50.0	0.15642
	Nowrangpur	10.0	0.03128
	Malkangiri	10.0	0.03128
	Total-	170.0	0.5318
	Grand Total-	2452.0	7.6708

1.1.4 ANR Plantation of Other indigenous Miscellaneous species @ 200/Ha

Assisted natural regeneration (ANR) is a simple forest restoration method that can effectively convert deforested lands of degraded vegetation to more productive forests. The method aims to accelerate, rather than replace, natural succession processes by removing or reducing barriers to natural forest regeneration such as soil degradation, competition with weedy species, and recurring disturbances (e.g., fire, grazing, and wood harvesting). Compared to conventional reforestation methods involving planting of tree seedlings, ANR offers significant cost advantages because it reduces the costs associated with propagating, raising, and planting seedlings in gaps @ 200 plants of indigenous species as per site condition per hectare. It is most effectively utilized at the landscape level in restoring the protective functions of forests such as watershed protection and soil conservation. ANR techniques are flexible and allow for the integration of various values such as timber production, biodiversity recovery, and cultivation of crops, fruit trees, and non-timber forest products in the restored forest. Considering the above aspects, an area of **44,998 Ha.** has been proposed in APO 2022-23, forest area of different Divisions with financial outlay of Rs **140.77 Cr.** Details Division wise target is furnished below in table 1.1.4 and site wise details in Annexure III-IV.



Table 1.1.4

Division wise target of ANR Plantation of Other indigenous Miscellaneous species@200 plants per Ha (@ Rs 0.31284 Lakh /Ha)

Circle	Division	Area (Ha)	Financial Outlay Rs in Crore
Angul	Angul	1190.0	3.7228
	Athmallik	280.0	0.876
	Dhenkanal	440.0	1.3765
	Athgarh	420.0	1.3139
	Cuttack	1350.0	4.2233
	Total-	3680.0	11.513
BBSR	Khurda	705.0	2.2055
	Puri WL	210.0	0.657
	Rajnagar WL	520.0	1.6268

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	Nayagarh	1250.0	3.9105
	Chilika WL	200.0	0.6257
	City Forests	30.0	0.0939
	Total-	2915.0	9.1193
Berhampur	Phulbani	1500.0	4.6926
	Baliguda	1875.0	5.8658
	Boudh	1650.0	5.1619
	Gh.South	710.0	2.2212
	Gh.North	1065.0	3.3317
	Berhampur	765.0	2.3932
	Parlakhemundi	700.0	2.1899
	Total-	8265.0	25.856
Sambalpur	Jharsuguda	350.0	1.0949
	Sambalpur	910.0	2.8468
	Rairakhola	1050.0	3.2848
	Bargarh	1200.0	3.7541
	Bamara WL	1780.0	5.5686
	Total-	5290.0	16.549
Rourkela	Sundargarh	2500.0	7.821
	Rourkela	1300.0	4.0669
	Bonai	630.0	1.9709
	Deogarh	420.0	1.3139
	Keonjhar	500.0	1.5642
	Total-	5350.0	16.737
Baripada	Baripada	230.0	0.7195
	Karanjia	265.0	0.829
	Rairangpur	1000.0	3.1284
	Balasore WL	60.0	0.1877
	Keonjhar WL	1200.0	3.7541
	Total-	2755.0	8.6187
Bhawanipatna	Kalahandi(N)	1875.0	5.8658
	Kalahandi (S)	2000.0	6.2568
	Subarnapur	1890.0	5.9127
	Bolangir	2000.0	6.2568
	Khariar	1660.0	5.1931
	Sunabeda WL	828.0	2.5903
	Total-	10253.0	32.076
Koraput	Rayagada	1500.0	4.6926
	Koraput	1040.0	3.2535
	Jeypore	1450.0	4.5362
	Nowrangpur	1000.0	3.1284
	Malkangiri	1500.0	4.6926
	Total-	6490.0	20.303
	Grand Total-	44998.0	140.77

1.2 Artificial Regeneration (Block plantation)

Artificial regeneration serves to increase the relative sustainability of forest ecosystem and also to rejuvenate the natural forest where the vegetation has been lost and gaps so created due to various factors. To make the greenery in the gaps inside forest, the block plantations (AR) has been proposed to be under taken considering feasibility of different aspects. Different need-based model of AR plantation has been proposed considering field situation.



1.2.1 Economic Plantation (Timber/High value species except Teak) @ 1600nos per Ha.

The condition of growing stocks in the forests is being consistently improving through CAMPA by raising block plantation with economically indigenous species in suitable pocket of prescribed plantation working circle areas. In this model of AR plantation, species having high economic value, endangered, and high genetic bio diversity values are proposed except Teak. Most of species are indigenous by nature and suitable to erring site condition. An area of 200 Ha @ 1600 plants per Ha has been proposed in APO 2022-23 with financial outlay of **Rs. 4.11 Cr.** Details Division wise target is furnished below in table 1.2.1 and site wise details in Annexure III-V.

**Table 1.2.1 Division wise target of AR Economic Plantation@1600 plants per Ha
(@ Rs 2.05526 Lakhs Per Ha)**

Circle	Division	Area (Ha)	Financial Outlay Rs in Crore
BBSR	Puri WL	5	0.1028
	Chilika WL	10	0.2055
	Total-	15	0.3083
Rourkela	Sundargarh	30	0.6166
	Total-	30	0.6166
Baripada	Rairangpur	15	0.3083
	Total-	15	0.3083
Bhawanipatna	Subarnapur	40	0.8221
	Bolangir	100	2.0553
	Total-	140	2.8774
	Grand Total-	200	4.1105

1.2.2 Other Indigenous species Plantation @ 1600/ HA

Some indigenous important species are depleting day by day due to either biotic or anthropogenic factor. Now it has become essential to conserve the indigenous species to safe guard the biodiversity. Considering the availability of gaps in the forest floor, site condition conducive to indigenous species, AR plantation model @ 1600 plants per Ha has been proposed.



In this APO 2022-23, the plantation programme under AR mode@1600 plants per ha over **1204ha** has been proposed with a financial outlay of **Rs.24.75Cr**. The details of Division wise target and financial outlay with cost norm is given in the following **Table 1.2.2**. The location wise details are annexed in **Annexure III-VI**

**Table 1.2.2 Division wise target of AR Other Indigenous Plantation@1600 plants per Ha
(@ Rs 2.05526 Lakhs Per Ha)**

Circle	Division	Area (Ha)	Financial Outlay Rs in Crore
Angul	Dhenkanal	40.0	0.8221
	Athgarh	20.0	0.4111
	Cuttack	155.0	3.1857
	Total-	215.0	4.4188
BBSR	Khurda	60.0	1.2332
	Nayagarh	16.0	0.3288
	Chandaka WL	250.0	5.1382
	Total-	326.0	6.7001
Berhampur	Phulbani	30.0	0.6166
	Baliguda	20.0	0.4111
	Berhampur	5.0	0.1028
	Total-	55.0	1.1304
Sambalpur	Jharsuguda	5.0	0.1028
	Bargarh	20.0	0.4111
	Bamara WL	75.0	1.5414
	Total-	100.0	2.0553
Rourkela	Sundargarh	70.0	1.4387
	Rourkela	10.0	0.2055
	Bonai	30.0	0.6166
	Deogarh	30.0	0.6166
	Total-	140.0	2.8774
Baripada	Rairangpur	43.0	0.8838
	Keonjhar WL	55.0	1.1304
	Total-	98.0	2.0142
Bhawanipatna	Kalahandi(N)	20.0	0.4111
	Kalahandi (S)	20.0	0.4111
	Subarnapur	125.0	2.5691

	Bolangir	25.0	0.5138
	Khariar	80.0	1.6442
	Total-	270.0	5.5492
	Grand Total-	1204.0	24.745

1.2.3 Other Indigenous species Plantation @ 1000/ Ha

There are forest blanks which can accommodate less number of plants due to site condition. Those patches can be afforested with 1000 Plants per Hectare. In this APO 2022-23, the plantation programme on artificial regeneration mode@1000 plants per ha over an area of **1050ha** has been proposed for creation with a financial outlay of **Rs.15.23 Cr.** The details of Division wise target and financial outlay with cost norm have been given in the following **Table 1.2.3** The location wise details are annexed in **Annexure III-VII**

**Table1.2.3 Division wise target of AR Other Indigenous Plantation@1000 plants per Ha
(@ Rs 1.45077 Lakhs Per Ha)**

Circle	Division	Area (Ha)	Financial Outlay Rs in Crore
Angul	Dhenkanal	60.0	0.8705
	Total-	60.0	0.8705
BBSR	Khurda	30.0	0.4352
	Puri WL	250.0	3.6269
	City Forests	10.0	0.1451
	Total-	290.0	4.2072
Berhampur	Boudh	100.0	1.4508
	Gh.South	10.0	0.1451
	Total-	110.0	1.5958
Rourkela	Bonai	30.0	0.4352
	Total-	30.0	0.4352
Baripada	Baripada	25.0	0.3627
	Total-	25.0	0.3627
Bhawanipatna	Bolangir	40.0	0.5803
	Total-	40.0	0.5803
Koraput	Rayagada	100.0	1.4508
	Koraput	150.0	2.1762
	Jeypore	100.0	1.4508
	Nowrangpur	50.0	0.7254
	Malkangiri	95.0	1.3782
	Total-	495.0	7.1813
	Grand Total-	1050.0	15.233

1.2.4 Phasi Plantation @ 1600/ Ha

Lord Jagannath is the all-worshipped deity of Odisha, as well as called Lord of universe. Rath Yatra in chariots of Lord Jagannath is the oldest festival. The giant chariots of Lord Jagannath, Balabhadra & Subhadra are constructed every year. The main specified timber species of chariot is Phasi (*Anogeisus acuminate*) along with other used for construction of the chariots. The existing phasi trees populations are dwindling day by day due to various factors. Now it has become a concern for temple management and forest Department to provide required size of phasi timber for construction of chariots in future. Keeping in view as above, a plantation model has been incorporated in this APO 2022-23 to raise Phasi plantation in different Division where ever feasible according to site condition.



In this APO 2022-23, the Phasi plantation programme on AR mode@1600 plants per ha over an area of **85ha** has been proposed @ Rs2.05526per ha cost norm for creation with a financial outlay of **Rs.1.747 Cr.** The details of Division wise target and financial outlay with cost norm have been given in the following **Table1.2.4** The location wise details are annexed in **Annexure III-VIII**

Table 1.2.4 Division wise target of AR Phasi Plantation@1600 plants per Ha (@ Rs 2.05526 Lakhs Per Ha)

Circle	Division	Area (Ha)	Financial Outlay Rs in Crore
Berhampur	Boudh	50.0	1.0276
	Gh.South	20.0	0.4111
	Total-	70.0	1.4387
Baripada	Rairangpur	5.0	0.1028
	Total-	5.0	0.1028
Bhawanipatna	Subarnapur	10.0	0.2055
	Total-	10.0	0.2055
Grand Total-		85.0	1.747

1.2.5 River Rejuvenation Plantation @1600/Ha

River Rejuvenation Plantation programme through massive plantation activities in the river catchment is an effective initiative by Forest Department which will definitely to maintain perennial water flow and will recharge the ground water and ultimately recharges the river through small tributaries. Forest is lifeline of the river. Hence, in this APO 2022-23 an ideal model has been proposed to make plantation on river bank as well as its catchment to rejuvenate it. During APO 2022-23, an area of **85 Ha** has been proposed with financial outlay of **Rs 1.75 Cr.** The details of Division wise target and financial outlay



River reiuvenation Plantation,Boudh of Division wise target and financial outlay

with cost norm have been given in the following **Table 1.2.5** The location wise details are annexed in **Annexure III – IX**

**Table 1.2.5 Division wise target of AR River Rejuvenation Plantation@1600 plants per Ha
(@ Rs 2.05526 Lakhs per Ha)**

Circle	Division	Area (Ha)	Financial Outlay Rs in Crore
Angul	Cuttack	20.0	0.4111
	Total-	20.0	0.4111
BBSR	Puri WL	20.0	0.4111
	Total-	20.0	0.4111
Bhawanipatna	Subarnapur	45.0	0.9249
	Total-	45.0	0.9249
	Grand Total-	85.0	1.7470

1.2.6 Bald hill plantation @ 1600/HA

Some of the hill blocks in Odisha had lost their greenery over the years due to various factors and lying devoid of vegetation. Many forest blocks have become bald due to various anthropogenic factors like acute biotic interference. Loss of vegetation subsequently caused soil erosion resulting to deterioration of edaphic condition. The bald hills are devoid of root stock and poor soil strata. It has been decided under CAMPA to embark on massive bald hill plantations by adopting special techniques for restoration of green cover in open/shrub forests in different Forest Divisions. Intensive soil and moisture conservations to enhance moisture regime and infusing foreign soil in the pits during planting of seedling and three tier fencing (two tier green plant fencing and one dry fencing) of the plantations to safeguard from biotic interference. In APO 2022-23, Bald hill plantation programme over an area of **1020 ha @ 1600 plants per ha** with financial outlay of **Rs.32.17 Cr.** has been proposed. The details of Division wise physical target and financial outlays are given in the following **Table-1.2.6** and the location wise details have been reflected in **Annexure III-X**



**Table 1.2.6 Division wise target of Bald Hill Plantation@1600 plants per Ha
(@ Rs 2.91055 Lakhs Per Ha)**

Circle	Division	Area (Ha)	Financial Outlay (Rs in Crore)
Angul	Athgarh	30.0	0.9
	Total-	30.0	0.9
BBSR	Nayagarh	45.0	1.3
	Total-	45.0	1.3
Berhampur	Phulbani	10.0	0.3
	Baliguda	75.0	2.2
	Boudh	10.0	0.3
	Gh.South	20.0	0.6
	Berhampur	40.0	1.2

	Parlakhemundi	30.0	0.9
	Total-	185.0	5.4
Sambalpur	Sambalpur	30.0	0.9
	Total-	30.0	0.9
Rourkela	Sundargarh	10.0	0.3
	Rourkela	20.0	0.6
	Deogarh	20.0	0.6
	Total-	50.0	1.5
Baripada	Keonjhar WL	10.0	0.3
	Total-	10.0	0.3
Bhawanipatna	Kalahandi(N)	60.0	1.7
	Kalahandi (S)	100.0	2.9
	Subarnapur	35.0	1.0
	Bolangir	85.0	2.5
	Khariar	20.0	0.6
	Total-	300.0	8.7
Koraput	Rayagada	150.0	4.4
	Koraput	150.0	4.4
	Jeypore	70.0	2.0
	Total-	370.0	10.8
	State CAMPA Authority	L.S	2.5
	Grand Total-	1020.0	32.2

1.2.7 Casuarina Plantation (in protected areas only) @ 2500 plants/Ha

Casuarinas are a versatile group of plants with wide-ranging adaptability to grow in different environments and provide multiple end uses and services. Casuarina thrives well in areas having an annual rainfall ranging from 250 to 2,500 mm, maximum temperature as high as 48°C and tolerates cold up to 0°C, It is a light demanding tree and grows in almost all types of soil and is highly tolerant to soil salinity and having the ability to fix atmospheric nitrogen through a symbiotic association with the actinomycetes microorganism. The soil on which it can thrive includes coastal sand, shifting sterile sand, river alluvium, and sandy loam with highwater table, red loam, red gravelly loam and hard laterite etc. The species *C. equisetifolia* is often planted as a windbreak. In addition to their wind firmness, Casuarinas have desirable characteristics for shelterbelts: adaptability to many soils and climates, self-sufficiency for nitrogen, rapid early growth, adequate height and longevity, dense crown, and useful wood. The prime objective of casuarinas plantation is Erosion Control, Sand Dune Stabilization. In Odisha there is a long stretch coastline of 482 kms which needs shelterbelt plantation to create a barrier to cyclone. Casuarina



plantation are raised along the coastal belt to ensure higher production of biomass. Considering the above facts, Casuarina plantation model has been incorporated in APO 2022-23 in different feasible Divisions over an area of **452 Ha** with financial layout of **Rs 8.01 Cr.** The details of Division wise physical target and financial outlays are given in the following *Table 1.2.7* and the location wise details have been reflected in *Annexure III-X*.

Table 1.2.7 Division wise target of Casuarina Plantation @2500 plants per Ha
(@ Rs 1.77238 Lakhs Per Ha)

Circle	Division	Area (Ha)	Financial Outlay Rs in Crore
BBSR	Puri WL	330	5.8489
	Rajnagar	12	0.2127
	Chilika WL	50	0.8862
	Total-	392	6.9477
Berhampur	Berhampur	20	0.3545
Baripada	Balasore WL	40	0.709
	Grand Total-	452	8.0112

1.2.8 Mangrove Plantation (seedling origin) @ 2500 plants/Ha

Mangroves are either shrub or small trees grows along coastline and in brackish water. It adopts to grow in low oxygen soil. One of the important eco-system functions is to protect land mass and serve as frontline defence from cyclonic wind to protect life and property. So, it is called natural barrier against climatic disaster. It also bolsters animals & fish population. The intricate root system provides habitat for many marine creatures & serves as major “BLUE CARBON SINK” for our eco-system. The ecological functions of mangrove are erosion barrier, wind barrier, produce forest product, reduces salt water intrusion to land and traps land sedimentation by its root system.



Considering above facts mangrove plantation of seedlings of Mangrove species @2500 plants/Ha has been proposed in suitable coastal Divisions over an area of **8 Ha** with financial outlay of **Rs 0.075 Cr.** The details of Division wise physical target and financial outlays are given in the following *Table- 1.2.8* and the location wise details have been reflected in *Annexure III-XI*

Table 1.2.8 Division wise target of Mangrove Plantation @2500 seedlings per Ha
(@ Rs 0.94027 Lakhs Per Ha)

Circle	Division	Area (Ha)	Financial Outlay Rs in Crore
Bhubaneswar	Puri WL	8.0	0.0752

1.2.9 Mangrove Plantation (Hypocotyle)@4445 Nos./Ha

The special type of viviparous germination occurs in case of mangrove plants. The prominent green or greenish brown part of germinated seeds gives rise to development of root system while attached to plant. The Hypocotyl plantation of mangrove plants is done by the collection of Hypocotyle and implanting the same in the mud flats in delta region.

The mangrove plantation of Hypocotyle mode @ 4445 no's /Ha has been proposed over an area of **155 Ha** in different coastal Divisions. The financial outlay of **Rs 0.56 Cr.** has been proposed in this APO 2022-23. The details of Division wise physical target and financial outlays are given in the following **Table- 1.2.9** and the location wise details have been reflected in **Annexure III-XII**

**Table 1.2.9 Division wise target of Mangrove Plantation (Hypocotyle) @4445Nos. per Ha
(@ Rs 0.3592 Lakhs Per Ha)**

Circle	Division	Area (Ha)	Financial Outlay Rs in Crore
BBSR	Rajnagar WL	140	0.5029
	Bhadraakh WL	15	0.0539
	Total-	155	0.5568
	Grand Total-	155	0.5568

1.2.10 Miyawaki Plantation @ 8000 plants /Ha

Dr.Akira Miyawaki, Japanese botanist has developed a pioneer technique for restoration of natural vegetation on degraded land by planting native indigenous species in a short time span. It is a revolutionizing concept of urban plantation to create mini forest by randomly placing saplings in degraded lands. In contrast to conventional planting techniques, this method allows planting of more number of trees in small spaces. In these techniques, the saplings grow 10 times faster, without chemical fertilizers and having minimum maintenance. In this method quality of soil is analyzed and biomass which helps enhancing the water percolation capacity, water retention and nutrient in it are induced for better growths and establish the forest cover within short period. Miyawaki method has been widely spread all over world to achieve indigenous mini forest at very shortest time period.



In this APO 2022-23, the aforesaid technique was decided to be experimented in degraded patches of Urban Forest Divisions over **5 Ha.** with financial outlay of **Rs1.9561 Cr.** The division wise details are given in the following table. The details of Division wise physical target and financial outlays are given in the following **Table- 1.2.10** and the location wise details have been reflected in **Annexure III-XIII**

Table 1.2.10 Division wise target of Miyawaki Plantation @8000plants per Ha

(@ Rs 39.122 Lakhs Per Ha)

Circle	Division	Area (Ha)	Financial Outlay (Rs in Crore)
Angul	Cuttack	2	0.7824
	Total-	2	0.7824
BBSR	Khurda	2	0.7824
	City Forests	1	0.3912
	Total-	3	1.1737
	Grand Total-	5	1.9561

1.2.11 Fodder and Fruits @ 1600 plants /Ha (1st Year Only)

The Fodder and Fruit bearing plantation is a major component to cater need of wild animals as well as domesticated animals. The fodder and fruit plantation is vital to augment the food base and reduce the man-elephant conflict in Odisha which creating an alarming situation, The CAMPA, Odisha has decided to take up fodder plantation in 60 Ha in different Divisions to prevent the gentle giants from straying into human habitations in search of food. Lack of fodder and water, and increase in cropping areas surrounding forests are considered to be the key reasons behind the elephants frequently approaching human habitations.

In this APO 2022-23, the aforesaid plantation is to be taken up in forest area where PO work was done in last APO over **60 Ha.** with financial outlay of **Rs1.0482 Cr.** The details of Division wise physical target and financial outlays are given in the following *Table- 1.2.11* and the location wise details have been reflected in *Annexure III-XIV*

Table 1.2.11 Division wise target of Fodder and Fruits Plantation@1600plants per Ha

(@ Rs 1.74698 Lakh Per Ha)

Circle	Division	Area (Ha)	Financial Outlay Rs in crore
Angul	Dhenkanal	10.0	0.1747
	Total-	10.0	0.1747
Berhampur	Phulbani	5.0	0.08735
	Total-	5.0	0.0874
Rourkela	Rourkela	15.0	0.26205
	Total-	15.0	0.2621
Koraput	Rayagada	30.0	0.52409
	Total-	30.0	0.5241
	Grand Total-	60.0	1.0482

2. Maintenance of Plantations

2.1 2nd Year Maintenance

2.1.1 2nd year maintenance of (ANR) plantation @ 200 plants/Ha

In ANR mode of plantation, it is quite necessary to properly carryout 2nd year operation for its better, luxuriant growth. In APO 2022-23, 2nd year maintenance work will be taken up over an area of **35,515 ha** with total financial outlay of **Rs 28.746 Cr.** Division wise details are given in the following **Table 2.1.1** and the location wise details are furnished in the **Annexure III-XV.**

Table 2.1.1 Division wise target of 2nd year maintenance of (ANR) plantation @200 plants per Ha (@0.08094 Lakh/Ha.)

Circle	Name of the Division	Target	Financial Outlay Rs in Crore
Angul	Angul	600	0.4856
	Dhenkanal	450	0.3642
	Cuttack	1400	1.1332
	Total-	2450	1.983
BBSR	Khurda	300	0.2428
	Puri WL	150	0.1214
	Rajnagar WL	250	0.2024
	Nayagarh	1000	0.8094
	Chilika WL	200	0.1619
	City Forests	50	0.0405
	Total-	1950	1.5783
Berhampur	Phulbani	1500	1.2141
	Baliguda	1800	1.4569
	Boudh	800	0.6475
	Gh.South	500	0.4047
	Gh.North	500	0.4047
	Berhampur	630	0.5099
	Parlakhemundi	975	0.7892
	Total-	6705	5.427
Sambalpur	Jharsuguda	250	0.2024
	Sambalpur	100	0.0809
	Rairakhol	500	0.4047
	Bargarh	1260	1.0198
	Bamara WL	420	0.3399
	Total-	2530	2.0478
Rourkela	Sundargarh	900	0.7285
	Rourkela	1400	1.1332
	Bonai	500	0.4047
	Total-	2800	2.2663
Baripada	Baripada	260	0.2104
	Karanjia	400	0.3238

	Rairangpur	900	0.7285
	Balasore WL	50	0.0405
	Keonjhar WL	2000	1.6188
	Total-	3610	2.9219
Bhawanipatna	Kalahandi(N)	2500	2.0235
	Kalahandi (S)	1660	1.3436
	Subarnapur	1000	0.8094
	Bolangir	2800	2.2663
	Khariar	1250	1.0118
	Sunabeda WL	900	0.7285
	Total-	10110	8.183
Koraput	Rayagada	2000	1.6188
	Koraput	600	0.4856
	Jeypore	770	0.6232
	Nowrangpur	1075	0.8701
	Malkangiri	915	0.7406
	Total-	5360	4.3384
Grand Total-	35515	28.746	

2.1.2 2nd Year Maintenance of AR plantation @1600 Plants per Ha

In Plantation programme maintenance of plantation in subsequent years is very important. Various time bound cultural operations are required to meet very purpose for its success. Hence, in APO 2022-23, **1490 ha** of last year plantation has been proposed for maintenance with total financial outlay of Rs **6.316 Cr.** Division wise details of the physical and financial targets are given in the following **Table 2.1.2** and the location wise details are placed in the *Annexure III-XVI*.

Table 2.1.2 Division wise target of 2nd year maintenance of (AR) plantation @1600plants per Ha (@0.42389 Lakhs/Ha.)

Circle	Name of the Division	Target in Ha.	Financial Outlay Rs in Crore
Angul	Dhenkanal	72	0.3052
	Cuttack	40	0.1696
	Total-	112	0.4748
BBSR	Rajnagar WL	130	0.5511
	Bhadrakh WL	26	0.1102
	Total-	156	0.6613
Berhampur	Baliguda	60	0.2543
	Boudh	18	0.0763
	Gh.South	29	0.1229
	Berhampur	10	0.0424
	Total-	117	0.496
Sambalpur	Jharsuguda	5	0.0212
	Bargarh	20	0.0848
	Total-	25	0.106
Rourkela	Rourkela	50	0.2119

	Bonai	20	0.0848
	Total-	70	0.2967
Baripada	Baripada	25	0.106
	Rairangpur	80	0.3391
	Balasore WL	20	0.0848
	Total-	125	0.5299
Bhawanipatna	Kalahandi(N)	100	0.4239
	Kalahandi (S)	30	0.1272
	Subarnapur	70	0.2967
	Bolangir	40	0.1696
	Khariar	70	0.2967
	Total-	310	1.3141
Koraput	Rayagada	55	0.2331
	Koraput	115	0.4875
	Jeypore	155	0.657
	Nowrangpur	70	0.2967
	Malkangiri	180	0.763
	Total-	575	2.4374
	Grand Total-	1490	6.316

2.1.3 2nd year maintenance of Bald Hill plantations @1600 Plants per Ha

Maintenance of bald hill plantation is vital for desired growth to restock the area with green cover. It needs special measures to be carried out in the field in subsequent years. Hence, fund allocation of **Rs 6.96 Cr.** has been proposed for **1326 ha** in this APO 2022-23. The division wise details are in **Table 2.1.3** and location details in **Annexure III-XVII**.

Table 2.1.3 Division wise target of 2nd year maintenance of Bald Hill plantation @1600plants per Ha (@0.52475 Lakhs/Ha.)

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
Angul	Athgarh	20	0.105
	Total-	20	0.105
BBSR	Khurda	10	0.0525
	Nayagarh	40	0.2099
	Chilika WL	10	0.0525
	Total-	60	0.3149
Berhampur	Phulbani	10	0.0525
	Baliguda	100	0.5248
	Gh.South	20	0.105
	Berhampur	30	0.1574
	Total-	160	0.8396
Rourkela	Rourkela	31	0.1627
	Total-	31	0.1627
Baripada	Baripada	10	0.0525
	Total-	10	0.0525

Bhawanipatna	Kalahandi(N)	110	0.5772
	Kalahandi (S)	180	0.9446
	Subarnapur	65	0.3411
	Bolangir	120	0.6297
	Khariar	10	0.0525
	Total-	485	2.545
Koraput	Rayagada	445	2.3351
	Koraput	5	0.0262
	Jeypore	110	0.5772
	Total-	560	2.9386
	Grand Total-	1326	6.9582

2.1.4 2nd year maintenance of Bamboo plantation @ 400 plants/Ha

The success of Bamboo plantation requires more care, hence all out efforts should be made to properly maintain the plantation and carry out all 2nd year activities in timely and properly. In APO 2022-23, **1370 ha** of 2nd year maintenance work has been proposed with total financial outlay of **Rs 3.52 Cr.** Division wise details of 2nd year maintenance works are given in the following **Table 2.1.4** and the location wise details are given in the **Annexure III-XVIII.**

Table 2.1.4 Division wise target of 2nd year maintenance of Bamboo plantation @400plants per Ha (@0.25706 Lakhs/Ha.)

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
Angul	Angul	20	0.0514
	Athmallik	30	0.0771
	Total-	50	0.1285
Berhampur	Phulbani	55	0.1414
	Baliguda	30	0.0771
	Gh.South	5	0.0129
	Gh.North	90	0.2314
	Berhampur	50	0.1285
	Total-	230	0.5912
Sambalpur	Jharsuguda	40	0.1028
	Sambalpur	50	0.1285
	Rairakhol	300	0.7712
	Bargarh	80	0.2056
	Bamara WL	70	0.1799
	Total-	540	1.3881
Rourkela	Rourkela	50	0.1285
	Total-	50	0.1285
Baripada	Balasore WL	10	0.0257
	Total-	10	0.0257
Bhawanipatna	Bolangir	100	0.2571
	Khariar	95	0.2442
	Sunabeda WL	70	0.1799
	Total-	265	0.6812
Koraput	Jeypore	180	0.4627
	Malkangiri	45	0.1157
	Total-	225	0.5784
	Grand Total-	1370	3.5217

2.1.5 2nd year maintenance of Miyawaki plantation@8000 Plant/Ha:-

To restock the indigenous species in a very short period under Miyawaki plantation method, subsequent year treatment is very much important. Hence to carry out 2nd year maintenance over **13 ha.** area, the fund outlay of **Rs.1.20 Cr.** has been proposed in APO 2022-23 and the details are given in the **Table 2.1.5** and the location wise details are given in the **Annexure III-XIX.**

Table 2.1.5 Division wise target of 2ndyear maintenance of Miyawaki plantation @8000plants per Ha (@9.23854 Lakhs/Ha.)

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
Angul	Dhenkanal	2	0.1848
	Total-	2	0.1848
Sambalpur	Jharsuguda	2	0.1848
	Sambalpur	1	0.0924
	Total-	3	0.2772
Baripada	Rairangpur	1	0.0924
	Total-	1	0.0924
Koraput	Koraput	1	0.0924
	Jeypore	4	0.3695
	Nowrangpur	1	0.0924
	Malkangiri	1	0.0924
	Total-	7	0.6467
Grand Total-		13	1.201

2.1.6 2nd year maintenance of Fodder & Fruit plantation @1600 Plants/ Ha:

In this APO 2022-23 fund allocation of **Rs 0.45 Cr.** has been proposed to carry out 2nd year maintenance of fodder & fruit plantation over **105 ha** raised during APO 2021-22 in different divisions given in **Table 2.1.6** and the details of the sites are given in the **Annexure- III-XX.**

Table 2.1.6 Division wise target of 2ndyear maintenance of Fodder & Fruit plantation @1600plants per Ha (@0.4239 Lakhs/Ha.)

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
Angul	Athmallik	20	0.0848
	Athgarh	25	0.106
	Total-	45	0.1908
Rourkela	Bonai	60	0.2543
	Total-	60	0.2543
Grand Total-		105	0.4451

2.1.7 2nd year maintenance of Casuarina plantation @2500 Plants/Ha

In this APO 2022-23 fund allocation of **Rs 0.33 Crore** has been proposed for **46.1ha @ 0.72265 Lakhs** per Ha for 2nd year maintenance of casuarina plantation in Puri WL division taken up in last year. The

Division wise target is furnished in **table 2.1.7** and the site wise details are reflected in **Annexure III-XXI**.

Table 2.1.7 Division wise target of 2nd year maintenance of Casuarina plantation @2500 Plants/Ha (@0.72265 Lakhs/Ha.)

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
Bhubaneswar	Puri WL	46.1	0.33314
	Grand Total-	46.1	0.33314

2.1.8 2nd Yr. Conservation of RET (with Gap Plantation)Species@200 Plants/Ha :-

For 2nd year maintenance of Conservation of RET (with Gap Plantation) Species over **130 ha** has been proposed with fund allocation of **Rs 0.105 Cr.** The details are given in the **Table 2.1.8** and the site wise details are reflected in **Annexure III-XXII**

Table 2.1.8 Division wise target of 2nd year maintenance of Conservation of RET (with Gap Plantation) Species @200 Plants/Ha (@0.08094 Lakhs/Ha.)

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
Koraput	Rayagada	130	0.1052
	Grand Total-	130	0.1052

2.1.9 2nd Yr. Maintenance of Conservation of RET Species (without Gap):-

For 2nd year maintenance of Conservation of RET (with Gap Plantation) over **70ha** has been proposed with fund allocation of **Rs 0.0388 Cr.** The division wise details is furnished in the **Table 2.1.9** and the site wise details are given in the **Annexure III-XXIII**

Table 2.1.9 Division wise target of 2nd year maintenance of Conservation of RET Species (without Gap) (@0.0554 Lakhs/Ha.)

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
Baripada	Rairangpur	50	0.0277
Koraput	Rayagada	20	0.0111
	Grand Total-	70	0.0388

2.2 3RD YEAR MAINTENANCE

2.2.1 3rd Year maintenance ANR plantation @ 200 plants per ha

3rd year maintenance of ANR plantation over an area of **39,900 ha** has been proposed in APO 2022-23 with total financial outlay of **Rs. 27.036 Cr.** Details of Division wise proposal is given in **Table 2.2.1** and site wise details are annexed in **Annexure III-XXIV**.

**Table 2.2.1. Division wise target of 3rd year maintenance of ANR plantation @ 200 Plants per Ha
(@0.06776 Lakhs/Ha.)**

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
Angul	Angul	600	0.40656
	Athmallik	150	0.10164
	Dhenkanal	1000	0.6776
	Athgarh	1000	0.6776
	Cuttack	500	0.3388
	Total-	3250	2.2022
BBSR	Khurda	300	0.20328
	Puri WL	50	0.03388
	Rajnagar WL	80	0.05421
	Nayagarh	1000	0.6776
	Chilika WL	135	0.09148
	Total-	1565	1.0604
Berhampur	Phulbani	2500	1.694
	Baliguda	1500	1.0164
	Boudh	1000	0.6776
	Gh.South	900	0.60984
	Gh.North	700	0.47432
	Berhampur	1000	0.6776
	Parlakhemundi	1200	0.81312
	Total-	8800	5.9629
Sambalpur	Jharsuguda	250	0.1694
	Sambalpur	250	0.1694
	Rairakhol	600	0.40656
	Bargarh	1000	0.6776
	Bamara WL	300	0.20328
	Total-	2400	1.6262
Rourkela	Sundargarh	1000	0.6776
	Rourkela	1000	0.6776
	Bonai	600	0.40656
	Deogarh	600	0.40656
	Keonjhar	600	0.40656
	Total-	3800	2.5749
Baripada	Karanja	750	0.5082
	Rairangpur	50	0.03388
	Balasore WL	70	0.04743
	Keonjhar WL	1500	1.0164
	Total-	2370	1.6059
Bhawanipatna	Kalahandi(N)	2500	1.694
	Kalahandi (S)	2815	1.90744
	Subarnapur	1000	0.6776
	Bolangir	2000	1.3552
	Khariar	1400	0.94864
	Sunabeda WL	800	0.54208

	Total-	10515	7.125
Koraput	Rayagada	3000	2.0328
	Koraput	1000	0.6776
	Jeypore	400	0.27104
	Nowrangpur	2000	1.3552
	Malkangiri	800	0.54208
	Total-	7200	4.8787
	Grand Total-	39900	27.036

2.2.2 3rd year maintenance of AR plantation @ 1600 Plant/Ha:-

In this APO 2022-23, for 3rd year maintenance of Block plantation over **1500ha** has been proposed with fund allocation of **Rs.4.0716 Cr.** The division wise details are given in the **Table 2.2.2** and location details in **Annexure III -XXV.**

Table 2.2.2 Division wise target of 3rd year maintenance of AR plantation @ 1600 Plants Per Ha (@0.27144 Lakhs/Ha.)

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
Angul	Dhenkanal	20	0.0543
	Total-	20	0.0543
BBSR	Khurda	100	0.2714
	Puri WL	60	0.1629
	Nayagarh	20	0.0543
	Chilika WL	10	0.0271
	Bhadrakh WL	27	0.0733
	Total-	217	0.589
Berhampur	Baliguda	50	0.1357
	Boudh	23	0.0624
	Gh.South	20	0.0543
	Berhampur	20	0.0543
	Total-	113	0.3067
Rourkela	Sundargarh	20	0.0543
	Rourkela	40	0.1086
	Total-	60	0.1629
Baripada	Baripada	40	0.1086
	Balasore WL	30	0.0814
	Total-	70	0.19
Bhawanipatna	Kalahandi(N)	125	0.3393
	Kalahandi (S)	50	0.1357
	Subarnapur	75	0.2036
	Bolangir	80	0.2172
	Khariar	40	0.1086
	Total-	370	1.0043
Koraput	Koraput	290	0.7872
	Jeypore	75	0.2036
	Nowrangpur	200	0.5429
	Malkangiri	85	0.2307
	Total-	650	1.7644
	Grand Total-	1500	4.0716

2.2.3 3rd Year maintenance of Bald hill plantation

In this APO 2022-23, for 3rd year maintenance of Bald Hill Plantation over **875 ha** has been proposed with fund allocation of **Rs.2.15 Cr.** The division wise details are given in the **Table 2.2.3** and location details in **Annexure III-XXVI.**

Table 2.2.3 Division wise target of 3rd year maintenance of Bald Hill plantation @ 1600 Plants Per Ha (@0.24542 Lakhs/Ha.)

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
Angul	Athgarh	20	0.04908
	Total-	20	0.0491
BBSR	Nayagarh	100	0.24542
	Total-	100	0.2454
Berhampur	Phulbani	10	0.02454
	Berhampur	20	0.04908
	Parlakhemundi	10	0.02454
	Total-	40	0.0982
Rourkela	Keonjhar	10	0.02454
	Total-	10	0.0245
Bhawanipatna	Kalahandi(N)	40	0.09817
	Kalahandi (S)	140	0.34359
	Subarnapur	140	0.34359
	Bolangir	110	0.26996
	Khariar	35	0.0859
	Total-	465	1.1412
Koraput	Rayagada	100	0.24542
	Koraput	100	0.24542
	Jeypore	40	0.09817
	Total-	240	0.589
	Grand Total-	875	2.1474

2.2.4 3rd Year maintenance of Bamboo Plantation (@400 Plant/Ha)

In this APO 2022-23, for 3rd year maintenance of Bamboo plantation over **770 ha** has been proposed with fund allocation of **Rs 1.3389 Cr.** and the division wise details are given in the **Table 2.2.4** and the location details in the **Annexure XXVII.**

Table 2.2.4 Division wise target of 3rd year maintenance of Bamboo plantation @ 400 Plants Per Ha (@0.17388 Lakhs/Ha.)

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
Angul	Angul	30	0.0522
	Athmallik	30	0.0522
	Athgarh	20	0.0348
	Total-	80	0.1391
BBSR	Nayagarh	30	0.0522
	Total-	30	0.0522
Berhampur	Phulbani	20	0.0348
	Baliguda	30	0.0522

	Gh.North	30	0.0522
	Parlakhemundi	170	0.2956
	Total-	250	0.4347
Sambalpur	Bargarh	50	0.0869
	Total-	50	0.0869
Rourkela	Sundargarh	40	0.0696
	Total-	40	0.0696
Baripada	Balasore WL	20	0.0348
	Total-	20	0.0348
Bhawanipatna	Kalahandi(N)	100	0.1739
	Bolangir	30	0.0522
	Khariar	40	0.0696
	Sunabeda WL	30	0.0522
	Total-	200	0.3478
Koraput	Jeypore	50	0.0869
	Nowrangpur	20	0.0348
	Malkangiri	30	0.0522
	Total-	100	0.1739
	Grand Total-	770	1.3389

2.2.5 3rd Year maintenance of Fodder and Fruit plantation @1600 Plant/Ha:-

In this APO 2022-23, for 3rd year maintenance of Fodder and Fruit plantation over **385 ha** has been proposed with fund allocation of **Rs 1.045 Cr.** and the division wise details are given in the **Table 2.2.5** and the location details in the **Annexure XXVIII.**

Table 2.2.5 Division wise target of 3rd year maintenance of Fodder and Fruit plantation @ 1600 Plants Per Ha (@0.27144 Lakhs/Ha)

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
Angul	Dhenkanal	10	0.0271
	Cuttack	5	0.0136
	Total-	15	0.0407
BBSR	Nayagarh	16	0.0434
	Total-	16	0.0434
Rourkela	Sundargarh	16	0.0434
	Rourkela	138	0.3746
	Total-	154	0.418
Bhawanipatna	Kalahandi(N)	30	0.0814
	Kalahandi(S)	20	0.0543
	Subarnapur	70	0.19
	Bolangir	4	0.0109
	Khariar	61	0.1656
	Total-	185	0.5022
Koraput	Rayagada	5	0.0136
	Jeypore	10	0.0271
	Total-	15	0.0407
	Grand Total-	385	1.045

2.2.6 3rd Year maintenance of Fodder and Fruit plantation (Urban mode) @ 1600 Plants/Ha

In this APO 2022-23, for 3rd year maintenance of Fodder and Fruit plantation over **62.5 ha** has been proposed with fund allocation of **Rs0.70 Cr.** and the division wise details are given in the **Table 2.2.6** and the location details in the **Annexure III-XXIX.**

Table 2.2.6 Division wise target of 3rd year maintenance of Fodder and Fruit plantation (Urban Mode) @ 1600 Plants Per Ha (@1.11398 Lakhs/Ha.)

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
BBSR	Chandaka WL	62.5	0.6962
	Grand Total-	62.5	0.6962

2.2.7 3rd Year maintenance of Miyawaki plantation @ 8000 Plants/Ha

In this APO 2022-23, for 3rd year maintenance of Miyawaki plantation over **4 ha** has been proposed with fund allocation of **Rs0.17 Cr.** and the division wise details are given in the **Table 2.2.7** and the location details in the **Annexure III-XXX**

Table 2.2.7 Division wise target of 3rd year maintenance of Miyawaki plantation @ 8000 Plants Per Ha (@4.29209 Lakhs/Ha.)

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
Angul	Dhenkanal	1	0.0429
Bhawanipatna	Kalahandi(N)	1	0.0429
Koraput	Koraput	1	0.0429
	Malkangiri	1	0.0429
	Grand Total-	4	0.1717

2.2.8 3rd Year maintenance of Conservation of RET (with Gap Plantation) Species @200 Plants/Ha

In this APO 2022-23, for 3rd year maintenance of Conservation of RET over **85 ha** has been proposed with fund allocation of **Rs 0.0576 Cr .**and the division wise details are given in the **Table 2.2.8** and the location details in the **Annexure III-XXXI**

Table 2.2.8 Division wise target of 3rd year maintenance of Conservation of RET (with Gap Plantation) Species @ 200 Plants Per Ha (@0.06776 Lakhs/Ha.)

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
Berhampur	Phulbani	65	0.0440
	Total-	65	0.0440
Koraput	Rayagada	20	0.0136
	Total-	20	0.0136
	Grand Total-	85	0.0576

2.2.9 3rd Year maintenance in Conservation of RET (without Gap) Species

In this APO 2022-23, for 3rd year maintenance of Conservation of RET over an area of **799 ha** has been proposed with fund allocation of **Rs 0.2366 Cr.** and the division wise details are given in the **Table 2.2.9** and the location details in the **Annexure III-XXXII**

Table 2.2.9 Division wise target of 3rd year maintenance of Conservation of RET (without Gap) Species (@0.02961 Lakhs/Ha.)

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
Angul	Athgarh	100	0.0296
	Total-	100	0.0296
Berhampur	Phulbani	237	0.0702
	Gh.South	100	0.0296
	Parlakhemundi	48	0.0142
	Total-	385	0.114
Sambalpur	Sambalpur	50	0.0148
	Bamara WL	11	0.0033
	Total-	61	0.0181
Bhawanipatna	Kalahandi(N)	25	0.0074
	Kalahandi (S)	5	0.0015
	Subarnapur	60	0.0178
	Bolangir	100	0.0296
	Total-	190	0.0563
Koraput	Rayagada	3	0.0009
	Koraput	50	0.0148
	Jeypore	10	0.003
	Total-	63	0.0187
	Grand Total-	799	0.2366

2.3 4th YEAR MAINTENANCE

2.3.1 4thYear maintenance ANR plantation @ 200 plants per ha

In this APO 2022-23, for 4th year maintenance of ANR Plantation over **20100 ha** has been proposed with fund allocation of **Rs 9.77 Cr.** and the division wise details are given in the **Table 2.3.1** and the location details in the **Annexure III-XXXIII**

Table 2.3.1 Division wise target of 4th year maintenance of ANR plantation@ 200 plants per ha (@0.0486 Lakhs/Ha)

Circle	Name of the Division	Target in Ha.	Financial Outlay Rs in Crore
Angul	Angul	500	0.243
	Athmallik	50	0.0243
	Dhenkanal	500	0.243
	Athagarh	500	0.243
	Cuttack	500	0.243
	TOTAL	2050	0.9963

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BBSR	Khurda	500	0.243
	Puri WL	400	0.1944
	Nayagarh	500	0.243
	Chilika WL	200	0.0972
	TOTAL	1600	0.7776
Berhampur	Phulbani	800	0.3888
	Baliguda	800	0.3888
	Boudh	500	0.243
	Gh.South	500	0.243
	Gh.North	500	0.243
	Berhampur	500	0.243
	Parlakhemundi	800	0.3888
	TOTAL	4400	2.1384
Sambalpur	Jharsuguda	500	0.243
	Sambalpur	500	0.243
	Rairakhol	500	0.243
	Bargarh	200	0.0972
	Bamara WL	400	0.1944
	TOTAL	2100	1.0206
Rourkela	Sundargarh	500	0.243
	Rourkela	500	0.243
	Bonai	500	0.243
	Deogarh	500	0.243
	Keonjhar	500	0.243
	TOTAL	2500	1.215
Baripada	Baripada	500	0.243
	Karanja	500	0.243
	Rairangpur	50	0.0243
	Keonjhar WL	500	0.243
	TOTAL	1550	0.7533
Bhawanipatna	Kalahandi(N)	800	0.3888
	Kalahandi (S)	800	0.3888
	Subarnapur	500	0.243
	Bolangir	500	0.243
	Khariar	800	0.3888
	TOTAL	3400	1.6524
Koraput	Rayagada	500	0.243
	Koraput	500	0.243
	Jeypore	500	0.243
	Nabarangpur	500	0.243
	Malkangiri	500	0.243
	TOTAL	2500	1.215
	GRAND TOTAL	20100	9.7686

2.3.2 4th year maintenance of AR plantation @ 1600 Plant/Ha

In this APO 2022-23, for 4th year maintenance of AR Plantation over **2000 ha** has been proposed with fund allocation of **Rs 1.4 Cr.** and the division wise details are given in the **Table 2.3.2** and the location details in the **Annexure III-XXXIV**

Table 2.3.2 Division wise target of 4th year maintenance of AR plantation @ 1600 plants per ha (@0.06984 Lakhs/Ha.)

Circle	Name of the Division	Target in Ha	Financial Outlay Rs in Crore
Angul	Dhenkanal	100	0.0698
	Cuttack	70	0.0489
	Total-	170	0.1187
BBSR	Khurda	100	0.0698
	Puri WL	20	0.014
	Nayagarh	90	0.0629
	Total-	210	0.1467
Berhampur	Baliguda	20	0.014
	Boudh	100	0.0698
	Gh.South	100	0.0698
	Berhampur	30	0.021
	Total-	250	0.1746
Sambalpur	Jharsuguda	50	0.0349
	Bargarh	55	0.0384
	Total-	105	0.0733
Rourkela	Sundargarh	100	0.0698
	Rourkela	30	0.021
	Bonai	40	0.0279
	Deogarh	100	0.0698
	Total-	270	0.1886
Baripada	Baripada	50	0.0349
	Karanjia	100	0.0698
	Total-	150	0.1048
Bhawanipatna	Kalahandi(N)	45	0.0314
	Kalahandi (S)	100	0.0698
	Subarnapur	100	0.0698
	Bolangir	100	0.0698
	Khariar	100	0.0698
	Total-	445	0.3108
Koraput	Koraput	100	0.0698
	Jeypore	100	0.0698
	Nowrangpur	100	0.0698
	Malkangiri	100	0.0698
	Total-	400	0.2794
	Grand Total-	2000	1.3968

2.3.3 4th year maintenance of Avenue plantation @ 250 Plant/RKM

In this APO 2022-23, for 4th year maintenance of Avenue Plantation over **76 RKM** has been proposed with fund allocation of **Rs 0.20 Cr.** and the division wise details are given in the **Table 2.3.3** and the location details in the **Annexure III-XXXV**

Table 2.2.3 Division wise target of 4th year maintenance of Avenue plantation @ 250 plants per ha (@0.2646 Lakhs/Ha.)

Circle	Name of the Division	Target	Financial Outlay Rs in Crore
Angul	Cuttack	76	0.2011
	Total-	76	0.2011

3. AMA JANGALA YOJANA

3.1 AJY Phase-I

Ama Jangala Yojana (AJY) is one of the pilot schemes of the Government of Odisha, Forest & Environment Department, being implemented through Odisha Forestry Sector Development Society to promote sustainable forest management in the state by involving communities. All the afforestation activities that are being envisaged in the scheme are done through CAMPA. Ama Jangala Yojana, Phase-I was proposed to cover 7,000 nos. of VSS with a treatment area of 2,65,000 Ha in 30 Territorial and Wildlife Divisions during 2016-17 to 2021-22. Out of the above, 5065 nos. of VSS have been taken up covering treatment of 2,53,578 Ha of assigned forest area in Territorial and Wildlife Divisions of the state. This benefitted about 4.5 lakhs forest fringe communities belonging to 15 Districts of Odisha generating 1,71,04,845 nos. of man-days. Livelihood improvement of the target communities was initiated through with other line Departments and the project was able to leverage an amount of Rs. 444.64 crores through convergence which benefitted about 16.32 lakhs beneficiaries from these forest fringe communities. The maintenance of Old Plantations in AJY Phase-I over an area of **95,837 Ha** with Financial Outlay of **Rs 38.30 Cr.** has been proposed in the APO 2022-23



Table 3.1 Division wise target for maintenance of old plantation under Ama Jangala Yojana

Sl No.	Name of DMU	ANR With Gap Plantation (2nd Year Operation)		ANR without Gap Plantation (2nd year Operation)		ANR without Gap Plantation (3rd year Maintenance)		ANR without Gap Plantation (4th year Maintenance)		Toal Target
		(Rs.8,006 per Ha.)		(Rs. 5,276 per Ha.)		(Rs. 2,788 per Ha.)		(Rs. 1,033 per Ha.)		Financial (Rs. In Crore)
		Physical (unit/Hactre/VSS)	Financial (Rs. In Crore)	Physical (unit/Hactre/VSS)	Financial (Rs. In Crore)	Physical (unit/Hactre/VSS)	Financial (Rs. In Crore)	Physical (unit/Hactre/VSS)	Financial (Rs. In Crore)	
1	Bonai	-	-	682	0.3598	-	-	-	-	0.3598
2	Deogarh	550	0.4403	550	0.2902	1000	0.2788	1000	0.1033	1.1126
3	Jepore	1750	1.4011	1750	0.9233	1000	0.2788	1000	0.1033	2.7065
4	Keonjhar	600	0.4804	650	0.3429	1000	0.2788	1000	0.1033	1.2054
5	Paralakhemundi	500	0.4003	500	0.2638	1000	0.2788	1000	0.1033	1.0462
6	Rourkela	700	0.5604	760	0.401	1000	0.2788	-	-	1.2402
7	Angul	-	-	375	0.1979	1000	0.2788	1000	0.1033	0.58
8	Balasore(wl)	-	-	50	0.0264	750	0.2091	-	-	0.2355
9	Phulbani	1600	1.281	1560	0.8231	2000	0.5576	1000	0.1033	2.765
10	Baliguda	1000	0.8006	1000	0.5276	1000	0.2788	1000	0.1033	1.7103
11	Koraput	2100	1.6813	2400	1.2662	1000	0.2788	1000	0.1033	3.3296
12	Rayagada	2200	1.7613	2545	1.3427	1000	0.2788	950	0.0981	3.4809
13	Bolangir	1000	0.8006	1000	0.5276	2500	0.697	2000	0.2066	2.2318
14	Kalahandi (N)	2000	1.6012	2200	1.1607	1500	0.4182	2000	0.2066	3.3867
15	Khariar	600	0.4804	670	0.3535	2000	0.5576	2000	0.2066	1.5981
16	Bargarh	-	-	400	0.211	1000	0.2788	1000	0.1033	0.5931
17	Bamra (WL)	600	0.4804	695	0.3667	1000	0.2788	1000	0.1033	1.2292
18	Keonjhar (WL)	700	0.5604	800	0.4221	-	-	-	-	0.9825
19	Malkangiri	750	0.6005	750	0.3957	2000	0.5576	2000	0.2066	1.7604
20	Kalahandi (S)	2000	1.6012	2200	1.1607	3250	0.9061	3000	0.3099	3.9779
21	Nabarangpur	850	0.6805	850	0.4485	1000	0.2788	2000	0.2066	1.6144
22	Rairakhol	500	0.4003	500	0.2638	1000	0.2788	2000	0.2066	1.1495
	Total	20000	16.0122	22887	12.0752	27000	7.5276	25950	2.6806	38.2956
									Rounded as	38.30

3.2 AJY Phase-II

In order to ensure continuity of the project “Ama Jangala Yojana” through VSS beyond 2021-22, it is proposed to implement the project in Phase-II for a period of 11 years starting from 2022-23. The project involves afforestation over the assigned forest areas through the VSS as per the micro plan prepared and it is proposed to fund the afforestation and forest regeneration interventions under CAMPA. For new plantation programme in AJY Phase-II, A physical target of **25000 Ha** area has been proposed in 500 VSSs @ 50Ha to each VSS for Batch-I & Seedlings to be raised for 993 Nos of Batch-II VSS. The selected VSSs will be prepared for Micro-planning and further forest regeneration works on their own utilising the funds through forest department in different divisions of the State. Total Financial Outlay for preliminary operations for plantation is at **Rs. 30.70 Cr** in the APO 2022-23. Restoration of degraded forest areas assigned to VSS is done through ANR activities. The division wise details are given in the **Table 3.2**



Table 3.2 Division wise target of plantation under AJY Phase-II

Sl No.	Name of the Circle	Name of the Division	No of the Range	No of VSS in Batch-I	No of VSS in Batch-II	Area to be covered in Batch-I	Area to be covered in Batch-II	Outlay in Crore
1	2	3	4		5		6	8
1	Angul	Athagarh	1		27	0	1350	0.3033
		Athmallik	1		20	0	1000	0.2247
		Dhenkanal	1		20	0	1000	0.2247
2	Baripada	Karanjia	1	23	23	1150	1150	1.1126
		Baripada	1	20	20	1000	1000	1.0065
3	Berhampur	Balliguda	1	20	23	1000	1150	1.0402
		Berhampur	2		42	0	2100	0.4718
		Boudh	1		20	0	1000	0.2247
		Ghusmur North	1		20	0	1000	0.2247
		Paralakh emundi	2	40	40	2000	2000	2.0131
		Phulbani	2	20	43	1000	2150	1.3099
4	Bhawani patna	Bolangir	2	40	39	2000	1950	2.0018
		Kalahandi North	2	20	40	1000	2000	1.2312
		Kalahandi South	2	25	46	1250	2300	1.4941
		Khariar	3	24	69	1200	3450	1.7133
		Subarnpur	2		40	0	2000	0.4493
5	BBSR	Khordha	1		22	0	1100	0.2471
		Nayagarh	2	20	43	1000	2150	1.2649
6	Koraput	Jepore	1	23	25	1150	1250	1.1800
		Koraput	2	20	25	1000	1250	1.0627
		Malkangiri	2	20	40	1000	2000	1.2312
		Nabarngpur	1	20	20	1000	1000	1.0065

		Rayagad	3	45	68	2250	3400	2.5231
7	Rourkela	Bonai	1	20	20	1000	1000	1.0065
		Deogarh	2	20	25	1000	1250	1.0627
		Keonjhar	2	40	41	2000	2050	2.0243
		Rourkela	2	20	23	1000	1150	1.0402
		Sundargarh	2		46	0	2300	0.5167
8	Sambalpur	Sambalpur	2		43	0	2150	1.0065
		Bargarh	1	20	20	1000	1000	0.4830
Total			49	500	993	25000	49650	30.701

4. SILVICULTURAL OPERATIONS

4.1 Subsidiary Silvicultural Operation of Bamboo

Bamboo in Odisha grows in forest as mixed vegetation along with sal, teak and other species. In the forest, *Dendrocalamus strictus* are available as a major species, along with *Bambusa arundinaceae*. The basic principle of bamboo forest management focuses on growth behavior of individual culms. New culms originate from the rhizomes of previous year culms. Rhizomes of old culms of 2-3 years old have poor production capacity. All culms require harvesting after 3-4 years. Retention of old culms creates congestion, diseases & pests in bamboo forest which damages the bamboo growth. Hence silviculture treatment of bamboo culms is main aspect of the bamboo forest management. In Odisha bamboo forests are worked out as per working plan prescription of the concerned Divisions.



In the bamboo clumps, treatment involves activities such as cutting back of high stumps, cutting and removal of side branches and removal of cleaning material to reduce fire hazard, earth mounding to the base of the clump with soil scooped out from uphill side after stacking of boulders on the downhill side. It is proposed to take up **88520 ha** of bamboo silvicultural operations under APO 2022-23 as per the Working Plan prescriptions. The total financial outlay for Bamboo SSO is **Rs.22.307 Cr.** The division wise physical and financial target are detailed in **Table 4.1** and the site wise details are placed at **Annexure III-XXXVI**

Table 4.1 Division wise target of SSO Bamboo (@ Rs 0.0252 Lakhs/- Per Ha)

Circle	Division	Area (Ha)	Financial Outlay Rs in Crore
Angul	Angul	870.0	0.2192
	Dhenkanal	560.0	0.1411
	Athgarh	1650.0	0.4158
	Total-	3080.0	0.7762
BBSR	Khurda	2800.0	0.7056
	Nayagarh	5400.0	1.3608
	Total-	8200.0	2.0664
Berhampur	Phulbani	7800.0	1.9656
	Baliguda	6000.0	1.512
	Boudh	3900.0	0.9828
	Gh.South	4700.0	1.1844

	Gh.North	3800.0	0.9576
	Berhampur	1200.0	0.3024
	Parlakhemundi	5500.0	1.386
	Total-	32900.0	8.2908
Sambalpur	Sambalpur	2400.0	0.6048
	Rairakhol	1000.0	0.252
	Bargarh	2700.0	0.6804
	Bamara WL	2300.0	0.5796
	Total-	8400.0	2.1168
Rourkela	Sundargarh	900.0	0.2268
	Rourkela	300.0	0.0756
	Bonai	4700.0	1.1844
	Deogarh	6700.0	1.6884
	Total-	12600.0	3.1752
Bhawanipatna	Kalahandi(N)	5300.0	1.3356
	Kalahandi (S)	500.0	0.126
	Subarnapur	140.0	0.0353
	Bolangir	1500.0	0.378
	Khariar	900.0	0.2268
	Total-	8340.0	2.1017
Koraput	Rayagada	5900.0	1.4868
	Koraput	2300.0	0.5796
	Jeypore	1800.0	0.4536
	Malkangiri	5000.0	1.26
	Total-	15000.0	3.78
	Grand Total-	88520.0	22.307

4.2 MAINTENANCE OF COMPARTMENT/COUPE BOUNDARY FOR SILVICULTURAL WORKING OF FOREST AS PER WORKING PLAN PRESCRIPTION.

Forests are major landscapes and ecosystem which supports various life forms and need to be conserved for its biodiversity and other ecosystem services. With a significant lapse of time, the role of forests has been recognized beyond mere supply of timber (a major resource) to fulfilling the demands of minor resources and ecological services. In India, there have been continuous efforts to evolve scientific basis for sustainable management of forests. This has primarily been addressed through working plans which is updated over every ten years. The working plan largely deals with the present state of the forest, outcomes of past management, and proposal of future management on a scientific basis. To make the plans uniform for each of the forest management units, guidelines have been issued by Government of India in the form of working plan code, which are revised periodically to match present days' requirement. As per the working plans, the Compartment/Coupe Boundary are required to be maintained for smooth management of the forest and silvicultural working of forest adhering to prescription. This is also needed to protect the integrity of the forest blocks against any encroachment. Hence in this APO 2022-23 Financial outlay of **Rs. 3.99 Cr** has been proposed for demarcation of compartment Boundary of protection working circle in 17 Forest Divisions having approved working plan. The division wise details are given in the **Table 4.2** and the location details in the **Annexure III-XXXVIII**.

Table 4.2 Division wise target of Survey & Demarcation of coupe (@Rs.0.03 Lakh/ ha)

Circle	Division	Protection of Working Circle in Ha	Cost of Survey & Demarcation of coupe area Rs in Crore
Angul	Athmallik	817.08	0.2451
	Dhenkanal	1000.00	0.3
	Cuttack	350.00	0.105
	Total-	2167.08	0.6501
BBSR	Chilika WL	185.98	0.0558
	Total-	185.98	0.0558
Berhampur	Phulbani	997.00	0.2991
	Boudh	672.00	0.2016
	Gh.South	961.00	0.2883
	Gh.North	515.78	0.1547
	Berhampur	748.00	0.2244
	Total-	3893.78	1.1681
Sambalpur	Bamara WL	37.50	0.0113
	Total-	37.50	0.0113
Rourkela	Bonai	717.97	0.2154
	Deogarh	650.00	0.195
	Total-	1367.97	0.4104
Baripada	Keonjhar WL	797.11	0.2391
	Total-	797.11	0.2391
Bhawanipatna	Subarnapur	614.24	0.1843
	Total-	614.24	0.1843
Koraput	Rayagada	1466.47	0.4399
	Nowrangpur	1000.00	0.3
	Malkangiri	1802.87	0.5409
	Total-	4269.34	1.2808
	Grand Total-	13333.00	3.9999

4.3 SILVICULTURAL OPERATION AND MAINTENANCE OF RESEARCH GARDEN

It is a permanent research activity to study different species in trial plots being raised at different research gardens situated in different agro climatic zones of the state. The data collected from different species raised at different research gardens are being computed. Steps are also on to increase the species for augmenting the data base to study on the growth of different indigenous species raised in different agro climatic zones of the state. In this APO 2022-23, for Silvicultural Operation and Maintenance of all Research Gardens existing in the State has been proposed with fund allocation of **Rs. 2.00 Cr.**



5. PROTECTION OF FORESTS

5.1 Protection of forest through consolidation by geo-referencing of notified forest block.

Demarcation of forest boundaries is integral to the forest management and in ensuring protection of the integrity of the forest blocks. Utilising latest technology, Georeferencing of the forest block boundaries is crucial to make any interpretation based on aerial and satellite imagery in order to locate any events or changes inside forests. Geo-Referencing in consolidation of notified forest Blocks are very much useful for protection of forest boundaries to get early warning and to avoid the encroachment of forest land for different activities. In this APO 2022-23, for Protection of Forest through consolidation by Geo Referencing of Notified Forest Blocks over an area of 13046.87 km² and 3965.17 km² of Revenue and Deemed Forest Area with financial outlay of **Rs 30.00 Cr.** has been proposed

5.2 Protection of Forest through provisioning of mobility by hired vehicle.

Forest protection is a vital aspect of forest management that focuses primarily on prevention & control of destruction of forests due to biotic interference. Inadequate protection measures lead to degradation of the value of forests. The survival and re-generation of flora and fauna has come under threat due to illegal exploitation of forest because of biotic and other anthropogenic factors. Continuous patrolling inside the forests alone will ensure proper watch against any such



illegal activities and prompt legal action against any such forest and wildlife offences. There are sufficient network of forest roads inside but the lack of sufficient means in mobility and communication are the many challenges coming on the way of forest protection. To fortify the timely and regular patrolling, vehicular mobility is to be augmented. The mobility of frontline staffs and other supervising staff is badly required for protection of Forests. Keeping this in view, provision has been kept to deploy hired protection vehicles for whole year in all forest ranges, forest subdivisions etc. to the barest minimum of 316 nos hired vehicle. In this APO 2022-23, for forest protection **Rs 16.31 Cr.** has been proposed for engagement of the hired vehicles for mobility of the field staff and the division wise details are given in the **Table 5.2**

Table 5.2 Division wise details for deployment of hired vehicle

Division	Divn	Circle	Total	Unit cost	Outlay
	Phy	Phy	Phy	in Lakh	Rs in Crore
Angul	6	1	7	5.16	0.3612
Athmallik	5		5	5.16	0.258
Dhenkanal	8		8	5.16	0.4128
Athagarh	5		5	5.16	0.258
Cuttack	6		6	5.16	0.3096
TOTAL	30	1	31	5.16	1.5996
Khurda	6		6	5.16	0.3096
Nayagarh	7		7	5.16	0.3612
City Forests	4	1	5	5.16	0.258
TOTAL	17	1	18	5.16	0.9288
Phulbani	7		7	5.16	0.3612

Baliguda	7		7	5.16	0.3612
Boudh	5		5	5.16	0.258
Gh.South	5		5	5.16	0.258
Gh.North	5		5	5.16	0.258
Berhampur	4	1	5	5.16	0.258
Parlakhemundi	7		7	5.16	0.3612
TOTAL	40	1	41	5.16	2.1156
Jharsuguda	5		5	5.16	0.258
Sambalpur	5	1	6	5.16	0.3096
Rairakhol	6		6	5.16	0.3096
Bargarh	6		6	5.16	0.3096
TOTAL	22	1	23	5.16	1.1868
Sundargarh	6		6	5.16	0.3096
Rourkela	6	1	7	5.16	0.3612
Bonai	7		7	5.16	0.3612
Deogarh	5		5	5.16	0.258
Keonjhar	7		7	5.16	0.3612
TOTAL	31	1	32	5.16	1.6512
Baripada	7	1	8	5.16	0.4128
Karanjia	4		4	5.16	0.2064
Rairangpur	5		5	5.16	0.258
TOTAL	16	1	17	5.16	0.8772
Kalahandi(N)	5	1	6	5.16	0.3096
Kalahandi (S)	7		7	5.16	0.3612
Subarnapur	4		4	5.16	0.2064
Bolangir	11		11	5.16	0.5676
Khariar	5		5	5.16	0.258
TOTAL	32	1	33	5.16	1.7028
Rayagada	7		7	5.16	0.3612
Koraput	6	1	7	5.16	0.3612
Jeypore	6		6	5.16	0.3096
Nabarangpur	6		6	5.16	0.3096
Malkangiri	6		6	5.16	0.3096
TOTAL	31	1	32	5.16	1.6512
State Authority	89	0	89	5.16	4.5924
Total	308	8	316		16.306

6. FOREST FIRE PREVENTION AND CONTROL OPERATIONS

Forest fire is a global environmental problem causing extensive damage every year to forest ecosystem. The Forest types in Odisha are mainly dry deciduous and the entire forest area is very much susceptible to fire hazard. Forest Fire poses threat not only to the forest wealth but also to entire community of fauna and flora by seriously disturbing the biodiversity, ecology and environment. Forests are vast remote areas, full of highly combustible material with dry leaves and branches to act as a fuel source for fire. The fire ignition may primarily be caused through human actions or by natural reasons. The deciduous forests of Odisha suffer on account of repeated fire during summer months resulting great loss to regeneration, moisture stress, biomass depletion and hardship to wildlife. It needs to be controlled and managed to

safeguard the productivity and eco-system health. Steps have been taken to augment the existing manpower in organized groups to tackle forest fire in remote and inaccessible areas. Odisha Forest Department has developed SOP to combat forest fire from 2016-17 by utilizing air blower to disperse leaf and creating fire line inside forest floor. The following interventions is proposed in current APO for control and mitigation of fire as per integrated fire management plan prepared by state Forest Department

6.1 Fire Protection Rapid response teams involving community youth with hired vehicle for Fire Protection

In this APO 2022-23, It is proposed to deploy Fire Protection Rapid response teams/units involving community youth 10 persons per Unit with hired vehicle for Fire Protection. There are 213 units to be engaged during 2022-23 Fire Season with a Financial Outlay of Rs 14.54 Cr has been proposed and the division wise details are given in the **Table 6** and the location details in the **Annexure III-XXXIX**

6.2 Creation and Maintenance of fire line

It is a time-tested methodology evolved since long period that fire line so created during January in the forest reduce the fire hazard in the forest. Fire line creation and maintenance every year is an important preventive method to control forest fire. It is created along all the compartment lines and the boundary line of the Forests Block as well as along the Forest Path and maintained at regular interval during the fire season. New fire lines need to be created taking into consideration of vulnerability and past FSI report/ Satellite imageries. In this APO 2022-23, it is proposed for Creation and Maintenance of fire line over **19500 RKM** with a Financial Outlay of Rs 6.14 Cr. The division wise details are given in the **Table 6** and the location details in the **Annexure**

6.3 Procurement of Fire Blower including fuel and other accessories

In this APO 2022-23, for Procurement of Fire Blower including fuel and other accessories with a Financial Outlay of Rs 1.99 Cr has been proposed and the division wise details are given in the **Table 6**



6.4 Logistic support for fire squads

In this APO 2022-23, for Logistic support i.e. Medicines, Fire Gear, Torch Light etc. for fire squads of 213 unit with a Financial Outlay of Rs 1.81 Cr has been proposed and the division wise details are given in the **Table 6**

6.5 Training on Forest Fire to the frontline Forest Staff

It is necessary to impart training on Fire protection to frontline staffs and personnel of fires quads, Local villagers, interested NGOs by State Fire and disaster management officers. In this APO 2022-23 for Training on Forest Fire to the frontline Forest Staff of 283 unit with a Financial Outlay of Rs 0.28 Cr has been proposed and the division wise details are given in the **Table 6**

6.6 Awareness Campaign in the ranges

The inhabitants of forest fringe villages, village level workers, PRI members are to be properly educated to prevent fire and action “Do’s “ and “ Don’t “ are to be properly explained. For this the help of local SHGs may be taken for better result. In this APO 2022-23, a Financial Outlay of **Rs 1.42 Cr.** has been proposed for Awareness Campaign in the ranges of 283 unit and the division wise details are given in the **Table 6**



6.7 Fire Watch Tower

The earliest detection of forest fire resulting in minimum damage of forest. In remote forest area Fire watch tower is proposed at strategic location for early detection and share information with fires response teams. In this APO 2022-23, 10 nos. of Fire Watch Tower with a Financial Outlay of **Rs 2.00 Cr.** has been proposed and the division wise details are given in the **Table 6**

TABLE 6 DIVISION WISE FINANCIAL OUTLAY OF FIRE PREVENTION AND CONTROL (RS IN CRORE)

Circle	Sl. No.	Name of the Forest Division	Wages of Fire Fighting squads in each Forest Range @Rs.4.725 lakhs / squad		Fire vehicle @Rs.0.014 lakh / day and 150 days = 2.10 lakhs		Fire line Maintenance @ Rs.0.0315 lakhs / Km		Logistic to the Fire Protection Squad @ Rs.0.85 lakhs / Sqd	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Angul	1	Angul	6	0.2835	6	0.126	700	0.2205	6	0.051
	2	Athmallik	5	0.2363	5	0.105	300	0.0945	5	0.0425
	3	Dhenkanal	8	0.378	8	0.168	600	0.189	8	0.068
	4	Athgarh	5	0.2363	5	0.105	300	0.0945	5	0.0425
	5	Cuttack	3	0.1418	3	0.063	200	0.063	3	0.0255
		Total	27	1.2758	27	0.567	2100	0.6615	27	0.2295
BBSR	6	Khordha	6	0.2835	6	0.126	300	0.0945	6	0.051
	7	Nayagarh	7	0.3308	7	0.147	700	0.2205	7	0.0595
	8	City Forest	1	0.0473	1	0.021	100	0.0315	1	0.0085
		Total	14	0.6615	14	0.294	1100	0.3465	14	0.119
Berhampur	9	Phulbani	7	0.3308	7	0.147	800	0.252	7	0.0595
	10	Balliguda	7	0.3308	7	0.147	800	0.252	7	0.0595
	11	Boudh	5	0.2363	5	0.105	700	0.2205	5	0.0425
	12	Gh. South	5	0.2363	5	0.105	700	0.2205	5	0.0425
	13	Gh. North	5	0.2363	5	0.105	800	0.252	5	0.0425
	14	Berhampur	4	0.189	4	0.084	300	0.0945	4	0.034
	15	Parlakhemundi	7	0.3308	7	0.147	800	0.252	7	0.0595
		Total	40	1.89	40	0.84	4900	1.5435	40	0.34
Sambalpur	16	Jharsuguda	5	0.2363	5	0.105	200	0.063	5	0.0425
	17	Sambalpur	5	0.2363	5	0.105	300	0.0945	5	0.0425
	18	Rairakhol	6	0.2835	6	0.126	700	0.2205	6	0.051
	19	Bargarh	6	0.2835	6	0.126	300	0.0945	6	0.051
		Total	22	1.0395	22	0.462	1500	0.4725	22	0.187
Rourkela	20	Sundargarh	6	0.2835	6	0.126	500	0.1575	6	0.051
	21	Rourkela	6	0.2835	6	0.126	300	0.0945	6	0.051
	22	Bonai	7	0.3308	7	0.147	800	0.252	7	0.0595
	23	Deogarh	5	0.2363	5	0.105	700	0.2205	5	0.0425
	24	Keonjhar	7	0.3308	7	0.147	800	0.252	7	0.0595

		Total	31	1.4648	31	0.651	3100	0.9765	31	0.2635
Baripada	25	Baripada	7	0.3308	7	0.147	300	0.0945	7	0.0595
	26	Karanjia	4	0.189	4	0.084	300	0.0945	4	0.034
	27	Rairangpur	5	0.2363	5	0.105	300	0.0945	5	0.0425
		Total	16	0.756	16	0.336	900	0.2835	16	0.136
B. Patna	28	Kalahandi (N)	5	0.2363	5	0.105	700	0.2205	5	0.0425
	29	Kalahandi (S)	7	0.3308	7	0.147	700	0.2205	7	0.0595
	30	Subarnapur	4	0.189	4	0.084	100	0.0315	4	0.034
	31	Bolangir	11	0.5198	11	0.231	700	0.2205	11	0.0935
	32	Khariar	5	0.2363	5	0.105	700	0.2205	5	0.0425
		Total	32	1.512	32	0.672	2900	0.9135	32	0.272
Koraput	33	Rayagada	7	0.3308	7	0.147	800	0.252	7	0.0595
	34	Koraput	6	0.2835	6	0.126	500	0.1575	6	0.051
	35	Jeypore	6	0.2835	6	0.126	400	0.126	6	0.051
	36	Nabarangpur	6	0.2835	6	0.126	700	0.2205	6	0.051
	37	Malkangiri	6	0.2835	6	0.126	600	0.189	6	0.051
		Total	31	1.4648	31	0.651	3000	0.945	31	0.2635
	TOTAL	213	10.064	213	4.473	19500	6.1425	213	1.8105	

TABLE 6 DIVISION WISE FINANCIAL OUTLAY OF FIRE PREVENTION AND CONTROL (CONT.)

Circle	Sl. No.	Name of the Forest Division	Procurement of Fire Blower / Fuel / Other accessories @0.65 lakhs per each		Training on Forest Fire to the Frontline staff @ Rs.0.10 lakhs per training		Awareness Campaign in the Ranges @ Rs.0.50 lakhs each		Fire Watch Tower @ Rs.20.00 lakhs		Total Financial
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
Angul	1	Angul	6	0.039	6	0.006	6	0.03		0	0.756
	2	Athmallik	8	0.052	8	0.008	8	0.04		0	0.5783
	3	Dhenkanal	10	0.065	8	0.008	8	0.04	1	0.2	1.116
	4	Athgarh	8	0.052	8	0.008	8	0.04		0	0.5783
	5	Cuttack	3	0.0195	3	0.003	3	0.015		0	0.3308
		Total	35	0.2275	33	0.033	33	0.165	1	0.2	3.3593
BBSR	6	Khordha	6	0.039	6	0.006	6	0.03		0	0.63
	7	Nayagarh	10	0.065	8	0.008	8	0.04	1	0.2	1.0708
	8	City Forest	1	0.0065	1	0.001	1	0.005		0	0.1208
		Total	17	0.1105	15	0.015	15	0.075	1	0.2	1.8215
Berhampur	9	Phulbani	10	0.065	10	0.01	10	0.05	1	0.2	1.1143
	10	Balliguda	10	0.065	10	0.01	10	0.05		0	0.9143
	11	Boudh	6	0.039	6	0.006	6	0.03		0	0.6793
	12	Gh. South	8	0.052	8	0.008	8	0.04		0	0.7043
	13	Gh. North	6	0.039	6	0.006	6	0.03		0	0.7108
	14	Berhampur	8	0.052	8	0.008	8	0.04		0	0.5015
	15	Parlakhemundi	12	0.078	12	0.012	12	0.06		0	0.9393
		Total	60	0.39	60	0.06	60	0.3	1	0.2	5.5635
Sambalpur	16	Jharsuguda	6	0.039	6	0.006	6	0.03		0	0.5218
	17	Sambalpur	8	0.052	8	0.008	8	0.04	1	0.2	0.7783
	18	Rairakhol	8	0.052	8	0.008	8	0.04		0	0.781
	19	Bargarh	6	0.039	6	0.006	6	0.03		0	0.63
		Total	28	0.182	28	0.028	28	0.14	1	0.2	2.711
Rourkela	20	Sundargarh	8	0.052	8	0.008	8	0.04	1	0.2	0.918
	21	Rourkela	8	0.052	8	0.008	8	0.04		0	0.655
	22	Bonai	8	0.052	8	0.008	8	0.04		0	0.8893
	23	Deogarh	6	0.039	6	0.006	6	0.03		0	0.6793
	24	Keonjhar	10	0.065	10	0.01	10	0.05	1	0.2	1.1143

		Total	40	0.26	40	0.04	40	0.2	2	0.4	4.2558
Baripada	25	Baripada	10	0.065	10	0.01	10	0.05	1	0.2	0.9568
	26	Karanja	7	0.0455	7	0.007	7	0.035		0	0.489
	27	Rairangpur	10	0.065	10	0.01	10	0.05		0	0.6033
		Total	27	0.1755	27	0.027	27	0.135	1	0.2	2.049
B. Patna	28	Kalahandi (N)	10	0.065	10	0.01	10	0.05		0	0.7293
	29	Kalahandi (S)	10	0.065	9	0.009	9	0.045	1	0.2	1.0768
	30	Subarnapur	6	0.039	6	0.006	6	0.03		0	0.4135
	31	Bolangir	15	0.0975	12	0.012	12	0.06		0	1.2343
	32	Khariar	8	0.052	8	0.008	8	0.04		0	0.7043
		Total	49	0.3185	45	0.045	45	0.225	1	0.2	4.158
Koraput	33	Rayagada	10	0.065	7	0.007	7	0.035	1	0.2	1.0963
	34	Koraput	10	0.065	7	0.007	7	0.035	1	0.2	0.925
	35	Jeyapore	10	0.065	7	0.007	7	0.035		0	0.6935
	36	Nabarangpur	10	0.065	7	0.007	7	0.035		0	0.788
	37	Malkangiri	10	0.065	7	0.007	7	0.035		0	0.7565
		Total	50	0.325	35	0.035	35	0.175	2	0.4	4.2593
		TOTAL	306	1.989	283	0.283	283	1.415	10	2	28.177

7. SOIL AND MOISTURE CONSERVATION IN FOREST AREA

Soil and Moisture Conservation in Forest area is a major intervention to enhance the moisture regime of the forest floor. Forest is the origin of streams and rivers; therefore, it is important to conserve soil and moisture in its catchment area. Under this intervention, loose boulder check dams, staggered trenches, percolation pits etc. are proposed to be taken up in forest areas. The contour trenches along contour in continuous or staggered manner

is to reduce velocity of water and increase infiltration, percolation pits need to be provided to trap precipitation. The graded earthen bond structure proposed to be erected at the periphery of the forest block to retain the water for longer period and to facilitate percolation of water in more areas before wastage. In a forest patch the entire drainage line will be treated as per the requirement from top to bottom to check soil erosion through LBCD, Wire mess Check DAM, Cement concrete check dam etc. considering present environmental crisis, massive soil and moisture conservation measures are proposed for execution in the field. The same is planned for each of the forest blocks in saturation mode and shall be carried out as per the DPR prepared for each forest block. The process of preparation of DPR is underway. In APO 2022-23, the SMC activities has been proposed over 26500 ha area with total financial outlay of **Rs 92.75 Cr.** The division wise targets shall be furnished soon after DPRs are received



8. MANAGEMENT OF BIOLOGICAL DIVERSITY AND BIOLOGICAL RESOURCE

8.1 Research and Documentation of Biodiversity and biological resources in biodiversity rich sites of Odisha:

Odisha is one of the biodiversity rich states in India. To protect and conserve the fragile natural resources, the state government has created Protected Area Network. However, considerable area outside PAs harbours significant biodiversity, the current status of which is yet to be fully documented and conservation and management strategies to be fully explored. Even in the PAs, only the higher plants (Angiosperms) and animals (Mammals, Birds and Reptiles) have been documented. The lower group of plants (Ferns, Mosses, Lichens, Fungi etc.) and Animals (Lesser-known animal groups) which are equally important components of biodiversity are yet to be documented. The associated traditional knowledge related to application of biological resources is also not fully documented in non-PAs. Hence, there is a need to document the biodiversity of some lesser studied PAs especially focusing on lesser-known plants and animals and total biodiversity status of some special habitats of the state including status of threatened species and assessment of threats. This will assist in conservation and management of biodiversity in such areas. This will help the forest personnel at field level in planning and management of forest and Wildlife. The details division wise financial outlay is furnished in table 8

8.2 Declaration of Biodiversity Heritage Sites (BHSs) in Odisha:

As per section 37 of the Biological Diversity Act 2002, any ecosystems – Aquatic, terrestrial and marine having rich in biodiversity comprising of wild as well as domesticated species, endemic species, rare and threatened species, keystone species, species of evolutionary significance, distinctive Forest types, sacred groves, medicinal plant conservation areas, preservation Plots maintained by the Forest Department, Corridors for RET species of flora and fauna, wild ancestors of domestic/cultivated species or their varieties, past pre-eminence of biological components represented by fossil beds and having significant cultural, ethical or aesthetic values and are important for the maintenance of cultural diversity can be declared as Biodiversity Heritage Sites (BHS) in the state. The Rule 20(2) of the Odisha Biological Diversity Rules, 2012 mandates the State Biodiversity Board to frame guidelines on the selection, management and other aspects of Biodiversity Heritage Sites. Following the above, the state govt. has declared Mandasaru in Raikia block of Kandhamal District as the first BHS of Odisha. Proposals have been received from various stakeholders to carryout feasibility studies in 4 more sites (Mahendragiri, Gandhamardan, Pradhanpat and Gupteswar) towards declaration of BHSs. Hence detailed studies are required in above sites and also in some more potential sites of Odisha having rich biodiversity and associated traditional knowledge before sending proposals to the state government as per the guidelines of BHS.

8.3 Promoting conservation and sustainable use of biological resources.... chronicling biological diversity:

8.3.1 Capacity building of BMCs:

Biodiversity Management Committees (BMCs) form the core of institutional set up of three tier system (NBA, SBBs and BMCs) of Biological Diversity Act, 2002. At local level, BMCs are vested with enormous responsibility under the Act and they are considered as the keystone to achieve the objectives of conservation of biodiversity, its sustainable use and fair and equitable sharing of benefits arising from such use. Following Section 41 (1) of the Biological diversity Act, 2002 and Odisha Biological Diversity Rules, 2012, Odisha Biodiversity Board has already constituted 7256 BMCs at District, Panchayat Samiti and Gram Panchayat level as well as at Notified Area Council, Municipality and Municipal Corporation level with the active support and facilitation of Forest, Environment and CC Deptt., Panchayati Raj and Drinking Water Department. With the increasing number of BMCs, it is felt that there is a wide gap between statutorily assigned role and responsibility and the ground reality. Without making BMCs empowered and effective in their functioning, it is difficult to achieve the desired goal of the Biological Diversity Act. For creating awareness among the BMCs and to enable them to discharge their duties and responsibilities, it is required to enhance the capacity of members of BMCs through regular trainings on various provisions of Biological Diversity Act, 2002, Odisha biological Diversity Rules, 2012, Access and Benefit Sharing Provisions and conservation and management of Biodiversity in Odisha. This will help in protection for forest bio-diversity through involvement of local community.

8.3.2 Preparation of Peoples Biodiversity Registers in Odisha:

As per Section 41 of the Biological Diversity Act, 2002 and Rule 22 (6) of the Biological Diversity Rules 2004, the main function of the BMC is to prepare Peoples' Biodiversity Register (PBR) in consultation with local people which are the legal documents of BMCs for future applications and the Registers shall be the baseline documents which will be the basis for biodiversity conservation and sustainable management of biological resources at local body level in the entire state. This will ultimately lead to sovereign rights of the local people on their bioresources and associated traditional knowledge. The State Biodiversity Board has so far completed 7256 base level Dynamic PBRs in all local body levels in the online web application hosted in www.pbrodisha.in and constituted a PBR Monitoring committee for this purpose. To collect field level data related to applications of the bioresources and to document the associated traditional knowledge linked to biological resources enlisted in the PBRs including photographs, audio-visual documents etc., a three-season survey and documentation is required for long-term basis.

8.3.3 Implementation of Access and Benefit Sharing (ABS) Provisions:

It is proposed to conduct various training and sensitisation programmes for the BMC members and other stakeholders on Access and Benefit Sharing Provisions in the entire state.

Table 8 : Division wise details of Management of bio-diversity and biological resources

ODISHA STATE CAMPA

Circle	Division	Research & Documentation	Declaration of Management of Biodiversity Heritage Site	Capacity Building of BMC	Preparation of Peoples Bio diversity Register	Implementation of Access and benefit sharing provision	Total
Angul	Dhenkanal	0.0	0.0	0.0	0.2	0.1	0.3
	Total-	0.0	0.0	0.0	0.2	0.1	0.3
BBSR	Khurda	0.1	0.0	0.0	0.0	0.0	0.1
	Nayagarh	0.0	0.0	0.1	0.2	0.1	0.3
	Total-	0.1	0.0	0.1	0.2	0.1	0.4
Berhampur	Phulbani	0.1	0.0	0.0	0.2	0.0	0.3
	Baliguda	0.0	0.0	0.0	0.2	0.0	0.2
	Boudh	0.0	0.0	0.0	0.2	0.0	0.2
	Berhampur	0.0	0.0	0.0	0.0	0.1	0.1
	Parlakhemundi	0.1	0.0	0.0	0.2	0.1	0.3
	Total-	0.1	0.0	0.0	0.8	0.1	1.0
Sambalpur	Sambalpur	0.0	0.0	0.1	0.0	0.0	0.1
	Rairakhol	0.0	0.0	0.1	0.0	0.0	0.1
	Total-	0.0	0.0	0.1	0.0	0.0	0.1
Rourkela	Deogarh	0.0	0.1	0.0	0.0	0.0	0.1
	Keonjhar	0.1	0.0	0.0	0.0	0.0	0.1
	Total-	0.1	0.1	0.0	0.0	0.0	0.1
Baripada	Baripada	0.0	0.0	0.0	0.2	0.0	0.2
	Similpal South	0.1	0.0	0.0	0.2	0.0	0.3
	Similpal North	0.0	0.0	0.0	0.2	0.0	0.2
	Total-	0.1	0.0	0.0	0.6	0.0	0.7
Bhawanipatna	Bolangir	0.0	0.1	0.0	0.0	0.0	0.1
	Khariar	0.0	0.0	0.1	0.0	0.0	0.1
	Total-	0.0	0.1	0.1	0.0	0.0	0.1
Koraput	Rayagada	0.0	0.0	0.0	0.0	0.1	0.1
	Koraput	0.0	0.1	0.0	0.0	0.0	0.1
	Malkangiri	0.0	0.0	0.1	0.2	0.0	0.3
	Total-	0.0	0.1	0.1	0.2	0.1	0.4
	Grand Total-	0.3	0.2	0.3	2.0	0.3	3.0

WILDLIFE MANAGAMENT

9. ACTIVITIES UNDER NPV 80% COMPONENTS

9.1 Wildlife protection and management

Wildlife protection and management is posed with many challenges due to increase in human population, developmental works including linear infrastructure resulting in fragmentation of the habitats, blocking the natural movement paths causing straying of animals, wildlife depredation due to human wildlife conflict etc. As per CAF Rule, 2018 the expenditure proposed under this head is met from **80% NPV components**.

The following are the proposals under this item: -

9.1.1 Protection and Anti -Depredation Activities:

Protection of wild animals and their habitat is of paramount importance. This covers not only protection of wild animals in their natural habitats but also in their movement areas wherein they stray into human habitations, agricultural field etc. In the process, there is considerable damage to Wildlife as well as life and property of human beings. Protection measure of Wildlife involves rescue and release operations of animals that constantly stray out into habitations or are seized from wildlife offenders. Provision for rapid response, mobility, and equipment for tracking/monitoring etc including personal protection equipments and non-invasive anti-depredation equipments need to be procured well in advance. It also involves safeguarding both the wildlife and the life and property of human beings.

In order to maintain continuity of wildlife habitats and to prevent encroachment, maintenance of boundary of protected areas and creation of physical barriers like solar power fence and elephant proof trench are the need of the hour. These barriers also serve as short term measure to minimize human wildlife conflict. Govt. have also approved the scheme for taking up of solar power fence with community participation vide their letter No.9948 dt.26.06.2020.

Besides, in order to gather information on wildlife crime, intelligence network between field and the divisions in close coordination with wildlife headquarters is required for quick exchange of information and ameliorative action. Also, the monitoring of elephant movement, data related to wildlife crime needs to be shared on daily basis between headquarters and field units. For this purpose, 24 x 7 wildlife crime cell is functioning at the headquarters level and in all wildlife divisions. This is also a necessary prescription from Wildlife Crime Control Bureau (WCCB), New Delhi. Hence such provision has been made for the purpose as detailed below for which Rs.15.75 Cr has been provisioned in the APO: -

Table 9.1.1 Protection Activities under Wildlife Management

Sl. No.	Item of work	Unit	Unit cost (Rs. in lakh)	Quantity/ Unit (in No.)	Proposed amount (Rs. in Crore)
(i)	Anti-depredation equipment/Tracking devices	LS			2.00
(iii)	Mobility for Boats for patrolling/anti-depredation/anti-smuggling activities	LS			1.25
(iv)	Rescue & release operation of wild animals	LS			0.50
(v)	Fencing and Erection of barriers, Round Rubble Wall, Solar Fencing, trench fencing etc. including maintenance.	LS			10.00
(vi)	Protection of Wildlife, its habitat and prevention of Wildlife Crime.	LS			1.00
(vii)	Maintenance of Boundary of protected Areas.	LS			1.00
Total:					15.75

9.1.2 Forest fire prevention and control in PA and WL rich area

Forest fires from February to June are a common phenomenon due to climate conditions. Fires cause huge loss to habitat by damaging regeneration, causing moisture stress, biomass depletion etc. Many a times wild animals, their young ones or eggs also get damaged by it. Fire in Similipal Tiger Reserve during the last fire season of 2020-21 need specific attention this year for which additional 10 fire squads and 50 fire blowers have specifically being included in the draft APO of 2022-23.

In this connection the detailed proposal for Rs11.44 Cr lakh is proposed in this APO as per table below and site wise detail in Annexure III -XXXX

Table 9.1.2 Forest fire prevention and control in PA and WL rich area

Sl. No.	Item of work	Unit	Unit cost (Rs. in lakh)	Quantity/ Unit (in No.)	Proposed amount (Rs. in Crore)
(i)	Fire-fighting Squads with vehicle & it fuel @1500/- per day	Nos.	6.825	58	3.9585
(ii)	Fire-fighting equipments including Blowers along with fuel	Nos.	0.65	100	0.65
(iii)	Logistics support for the fire fighting squads	Nos.	0.85	48	0.408
(iv)	Fire line Creation & maintenance	KM	0.0315	6887	2.1694
(v)	Data Management and analysis	LS *			0.25
(vi)	Construction of Fire Watch Tower	Nos	20.00	20	4
Total					11.436

9.2 Improvement of Wildlife Habitat:

Habitat improvement is core to all wildlife related managerial interventions that aim to conserve, protect and proliferate biodiversity richness both inside and outside protected areas. Required focus in this sector holds key to prevent wildlife habitat degradation and helps in reduction of wildlife depredation. Following activities are proposed for improvement of Wildlife habitats;

(i) Augmentation of food and water recourses.

This activity aims to reduce food and water scarcity for wildlife inside forest and protected areas. For this purpose creation of 35 nos. of water harvesting structures, 100 nos. of water bodies and renovation of 50 nos. of water bodies has been proposed. This item also takes care of plantation of fruit bearing and fodder species around the water body and their subsequent maintenance until 3rd year. Habitat Enrichment through Renovation of 75 old salt licks and Bamboo seed ball plantation has also been proposed for which **Rs.11.03 Cr** have been proposed as per the item-wise breakup as detailed below and site wise detail in **annexure III-XXXXI**.

Table 9.2 (i) Augmentation of food and water recourses:

Sl. No.	Item of work	Unit	Unit cost (Rs. in lakh)	Quantity/Unit (in No.)	Proposed amount (Rs. in Crore)
i(a)	Creation of water body (40m x 30m x 3m)	Nos.	6.16	6.16	6.16
i(b)	Maintenance of Water Body created during previous years.	Nos.	1.00	0.5	0.5
i(c)	Plantation of Fruit Bearing and Fodder species around water bodies and maintenance thereof.	Plant in Nos	0.00506	0.1265	0.1265
i(d)	Second year maintenance of plantation of Fruit & Fodder species around water bodies	Plant in Nos	0.0019	0.171	0.171
i(e)	Third year maintenance of plantation of Fruit & Fodder species around water bodies	Plant in Nos	0.00116	0.047	0.047
i(f)	Bamboo seed ball plantation to enrich elephant habitation.	In Nos.	Rs.15/- per ball	0.15	0.15
i(g)	Creation and maintenance of salt licks.	Nos.	0.5	0.375	0.375
i(h)	Water Harvesting structure	Nos.	10	3.5	3.5
Total:					11.03

(ii) Monitoring assessment and protection of wildlife habitat within and outside Protected Areas:

As it has been amply made clear that many endangered wildlife including RET species along with their prey and forage grounds exist outside the protected areas and in many cases even outside forest areas. The ambit of wildlife management has to include the local population and villagers in discharging day to day

activities concerning assessment of wildlife habitat and conservation of wildlife. The local population provide the necessary intelligence that helps enforcement activities against wildlife offenders and prevent commission of wildlife offences. A judicious involvement of local people with the forest staff ensures community conservation of wildlife landscape that instils an element of deterrence among the offenders. Hence, it is proposed to engage 84 units of local people on casual basis along with provision of mobility and necessary logistics for ensuring effective monitoring, assessment and protection of wildlife habitat both within and outside of PAs.

There are lot of villages in and around the forest and protected area. These villages have a lot of dependency on the neighbouring forests for grazing, small wood, bamboo & NTFP collection and sometimes timber also. This degrades wildlife habitat which often get filled with non-palatable invasive weeds. Hence, funds have been proposed for cattle immunization and uprooting of invasive weeds. An amount of **Rs. 19.45 Cr** is proposed for the same, details of which are furnished below and site wise detail in **annexure XXXXII**.

Table 9.2 (ii) Monitoring assessment and protection of wildlife habitat:

Sl. No.	Item of work	Unit	Unit cost (Rs. in lakh)	Quantity /Unit (in No.)	Proposed amount (Rs. in Crore)
ii(a)	Protection, assessment and monitoring of RET species and their habitat within and outside Protected Areas through community participation.	Nos.	20.77	84	17.45
ii(b)	Cattle vaccination/awareness and animal health camp	Nos.	0.25	400	1.00
ii(c)	Invasive weed eradication.	Ha	0.10	1000	1.00
Total:					19.45

(iii) Habitat Management:

Grazing depletes meadow meant for herbivores, creates soil compaction and also increases the risk of transmission of communicable diseases. Odisha is also frequently affected with cyclonic storms that ravage forest and protected areas. Hence, in this component provisions have been made for creation and maintenance of meadows and post natural disaster habitat restoration work in and around ex-situ and in-situ conservation areas.

Provision is also been made for data management and real time communication of vital information and various communities awareness and mobilization activities to ensure for peaceful coexistence of wildlife in landscapes having anthropogenic presence and mitigation of its various manifestations. Habitat restoration, clearing of debris and subsequent afforestation activities to mitigate the adverse impact as a follow up action is immensely important. An amount of **Rs. 9.00 Cr** have been proposed as per the details furnished below and site wise detail in **annexure XXXXIII**.

Table 9.2 (iii)Habitat Management under Wildlife Management:

Sl. No.	Item of work	Unit	Unit cost	Quantity/Unit	Proposed amount
			(Rs. in lakh)	(in No.)	(Rs. in Crore)
iii(a)	Creation and maintenance of meadows	Ha.	1.25	200	2.50
iii(b)	Habitat restoration post natural disaster in ex-situ and in-situ conservation areas.	LS			5.00
iii(c)	Community mobilization and data management etc.	LS			1.50
Total:					9.00

(iv) Management of Special Habitats:

In this item it is proposed to cater to certain specific biological and habitat linked requirement as necessitated by some RET species like Black Buck which exists beyond forest and protected areas. Conservation of such species in their habitats is of paramount importance for the sustenance of the landscape. It also includes conservation of important wetlands outside Protected Areas, some of which exist even within human dominated landscapes wherein prominent migratory bird congregation takes place and deserve specific management interventions in order to ensure that the wetland sustains itself and also supports the wintering Avian migrants.

It is proposed to have **Rs.3.62 Cr** as per the details given below and details in **Annexure III-XXXXIV**

Table 9.2 (iv) Management of Special Habitats under Wildlife Management:

Sl. No.	Item of work	Unit	Unit cost	Quantity/	Proposed amount
			(Rs. in lakh)	Unit(in No.)	(Rs. in Crore)
iv(a)	Black Buck Conservation	Nos.	21.76	12	2.611
iv(b)	Conservation and wet land management of migratory bird congregation areas outside PAs	Camps Nos.	2.25	45	1.013
Total:					3.624

(v) Corridor Management:

Corridor especially for long ranging animals like elephant is biological necessity and thus its protection, prevention of fragmentation and rejuvenation is a mandate for Wildlife Management. For the same, **Rs 0.63 Cr** have been proposed as per the details furnished below and in **Annexure III-XXXXV**

Table9.2 iv) Corridor Management Wildlife Management:

Sl. No.	Item of work	Unit	Unit cost	Quantity/Unit	Proposed amount
			(Rs. in lakh)	(in No.)	(Rs. in Crore)
iv(a)	0th and 1st year operation of plantation under Rejuvenation of wildlife Corridor	Ha	0.885	65	0.57525
iv(b)	2nd year Maintenance of plantation under Rejuvenation of wildlife Corridor	Ha	0.296	20	0.592
Total:					0.6345

9.3 Establishment, Operation and Maintenance of animal rescue center and veterinary treatment facilities for Wild animals:

- ❖ There are eight large / mini and small zoos managed and maintained by Forest Department which are also functioning as **Animal Rescue Centres**. Some improvement and maintenance activities will be taken up in these eight rescue centres under this APO as per the zoo master plan and master layout plan approved by CZA. A provision of **Rs.3 Cr** is proposed for this purpose.
- ❖ Veterinary and diagnostic cares on post Rescue operation is very crucial to save the life of the wild animal and funds are being proposed for the same. Apart from that, advanced post-mortem and forensic capability has been established in Nandankanan Zoo. In this APO the provision of **Rs.1 Cr** has been made for its maintenance.
- ❖ Rescue Centres, transit house and treatment centres are a need of the hour to provide life saving treatment & medication to rescued wild fauna & for making them fit for release in the wild. In this APO a provision of **Rs.10 Cr** has been made which will be utilized for setting up such centres and procurement of necessary equipment/ instruments/ medicines etc. Also procurement of some logistics, its maintenance and capacity building of the frontline staff in handling the equipment for 16 nos of Anti-depredation Cells created during Campa APO 2020-21 will also be met from this head as per the details furnished below

Table 9.3 -Establishment, Operation and Maintenance of Animal Rescue Centre/ Anti-depredation Cell, veterinary treatment facilities for wild animals, etc

Sl. No.	Item of work	Unit	Unit cost (Rs. in lakh)	Quantity/ Unit (in No.)	Proposed amount (Rs. in Crore)
(i)	Maintenance of Nandankanan & Other Zoo.	LS			3.00
(ii)	Veterinary care facilities.	LS			1.00
(iii)	Establishment of Rescue Centre and Veterinary treatment facilities and maintenance	LS			10.00
Total:					14.00

9.4 Management of Biological Diversity and Biological Resources in Protected Areas:

For assessment of success of wildlife management, periodical studies of biodiversity of Protected Areas, population dynamics of different fauna, carrying capacity of wildlife habitats and such other studies are essential. There is also a large of chunk of wildlife including RET species outside protected and also open revenue area. The participation of local communities in jointly managing the whole landscape including protection monitoring and surveillance became imperative and accordingly the prescriptions have been made. In this APO provisions of **Rs 17.91 Crore** have been proposed for the purpose. The following are the proposals as per the details furnished below and site wise detail in **annexure III-XXXXVI**.

Table 9.4 Management of biological diversity and biological resources

Sl. No.	Item of work	Unit	Unit cost (Rs. in lakh)	Quantity/Unit (in No.)	Proposed amount (Rs. in Crore)
(i)	Biodiversity assessment of Protected Areas.		1.00	5	0.05
(ii)	Monitoring, surveillance and protection of meta population of important wildlife species including RET species outside protected areas through local communities.	In Nos.	20.77	86	17.8622
Total:					17.9122

9.5 Relocation of Villages from Protected Areas and Tiger Reserve:

Relocation of villages from protected areas and tiger reserves was initially started basing on Govt. of India guidelines of 2008 which was applicable only to core area of tiger reserve. As its relevance to maintain wildlife habitat contiguity and inviolate was realised, the state govt in June, 2016 brought out the state voluntary village relocation policy and extended the scope to buffer area of tiger reserve and other protected areas. There has been a modification in the relocation policy of both Central and State Governments during this year. The Central Govt increased the relocation package from 10 lakh per family to 15 lakh per family. The state relocation policy has radically increased the scope whereby as per the modified policy, individual family could come up to relocate themselves without waiting for the consent of the entire village.

Under the state policy, the relocation package has been enhanced to 15 lakh per family over and above the facility to be extended by way of convergence and in case the family does not want the benefit of the convergence, then the additional amount of 5 lakh will be provided. The current policy also intends to benefit of voluntary relocation to families existing in those landscape or that link to more protected areas. In the last APO provision of **Rs.65 Cr** was kept specifically for the purpose which is proposed to be continued this year for implementation of five-year voluntary relocation scheme submitted vide letter No.7118 dt.04.09.2020.

ACTIVITIES UNDER 20% NPV

10. Capacity Building of frontline forest Staff and other stake holders

Importance of capacity building in form of different training programmes to equip front line forestry personnel with the desired knowledge and technical competence needs no elaboration. The fast-changing forestry scenario at the local, national and global levels makes the training needs more pronouncing. The details of the trainings held are enclosed for reference.



- ❖ Soil and Moisture conservation in forest areas is main factor in management and development of forest. The field staff need to be trained in order to take up the job scientifically. It is decided to organize the training modules with the technical experts being hired for the purpose.
- ❖ There has been a growing demand for supply of arms to forest personnel at the cutting-edge level mainly for self-defence and to deal with heavily armed smugglers often equipped with deadly weapons. The forestry personnel need adequate knowledge to use the arms supplied to them. In order to bridge the gap, it is proposed to impart arms training with the help of District Police Administration in each Territorial Division.
- ❖ There is also need for proper understanding of the legal provisions for all the frontline staff who are in the protection job. Frequent training by law knowing personnel will definitely help to be conversant with existing Rules. Forestry sector boundaries have also changed over a period of time. One day training module has been planned for the frontline staff.
- ❖ In the changing scenario, technological development is adopted in day to day forestry activities which needs Specialized training on technical forestry matter required for the front line staffs, such as nursery techniques, watershed management, silviculture, community participation, natural resource management etc.
- ❖ There will be a special training module as a part of this programme to enhance the capacity of the forest staff for better and effective communication with village communities and intra department communication.

In this APO 2022-23 for Capacity Building of frontline forest Staff and other stake holders with financial outlay of **Rs 2.00 Cr.** has been proposed

11. Improvement of Permanent Nursery including creation of Vermicompost unit

To create green belt by raising saplings in the forest floor needs effecting mechanism for raising sapling in the nursery. Considering the present scenario of natural calamities and biotic interference tall seedlings need to be planted in the plantation for its success. To boost the initial growth of the sapling's organic bio-fertilizer like Vermi-Compost is quite befitting to utilize in nursery stage. Hence Vermi-Compost Units are proposed to be constructed inside the nursery to carter the requirement of Vermi-Compost. In this APO 2022-23 for Improvement of Permanent Nursery including creation of Vermi-compost unit of 600 no's with financial outlay of **Rs 9.00 Cr. (@ 1.5 Lakhs/unit)** has been proposed and the division wise details are given in the **Table 11**

Table 11 Division wise details of permanent nurseries

Sl	Name of Circle	Name of Division	Number of Permanent Nursery	Outlay Rs in Crore
1	Angul Circle	Angul	16	0.24
2		Athgarh	16	0.24
3		Athmallik	16	0.24
4		Dhenkanal	16	0.24
5	Baripada Circle	Baripada	16	0.24
6		Karanjia	16	0.24
7		Balasore WL	16	0.24
8		Rairangpur	16	0.24
9	Berhampur Circle	Balliguda	16	0.24
10		Berhampur	16	0.24
11		Boudh	16	0.24
12		Gh.North	16	0.24
13		Gh.South	16	0.24
14		Parlakhemundi	16	0.24
15		Phulbani	16	0.24
16	Sambalpur Circle	Bargarh	16	0.24
17		Jharsuguda	16	0.24
18		Rairakhol	16	0.24
19		Sambalpur	16	0.24
20		Khurda	16	0.24
21		Puri WL	16	0.24
22		Nayagarh	16	0.24
23	Bhawanipatna Circle	Bolangir	16	0.24
24		Kalahandi (S)	16	0.24
25		Kalahandi(N)	16	0.24
26		Khariar	16	0.24
27		Subarnapur	16	0.24
28	Rourkela Circle	Bonai	16	0.24
29		Deogarh	16	0.24
30		Keonjhar	16	0.24
31		Rourkela	16	0.24
32		Sundargarh	16	0.24
33	Koraput Circle	Jeypore	16	0.24
34		Koraput	16	0.24
35		Malkangiri	16	0.24
36		Nowrangpur	16	0.24
37		Rayagada	16	0.24
38		Silva Rayagada	8	0.12
		Total	600	9.00

12. Up-gradation of Communication and information Technology, Geo-ICT facility-based Server infrastructure, maintenance and procurement of IT Equipment and devices

Forest Information Technology & Geomatics Centre (FITGC) has been developed in the State Forest Head Quarter which plays a key role in Forests & Wildlife management, conservation and its protection. In the said center, monitoring of different activities like forest and wildlife protection, forest fire, activities undertaken under CAMPA funding through Odisha Forest Management System, Forest Cover Change detection, Afforestation monitoring etc. are being taken up. There are 23 modules for survey/ implementation/ monitoring of different activities aimed towards better forest management and protection. To control/monitor all the above activities, Geomatics and other IT Infrastructure has been installed and configured in the State Forest Head Quarter's FITGC cell which is being utilized for the purpose and about 12TB data is being managed in the FITGC server stack. Till now, 13363 numbers of Android Mobiles of field staffs are registered in our OFMS website, which are used for digital forest activity monitoring and data collection. This made the field staffs more comfortable with IT application. Under forest protection, focus is being given on foot patrolling by frontline field staffs which is also been monitored in the above center through web application. On an average 100000 kilometer foot patrolling is done per month by all the forest circles in Odisha using GPS PDA & Android mobiles loaded with appropriate apps which is being monitored online through the web <https://odishaforestgis.in>. The forest fire monitoring is being done using MODIS & SNPP satellite platform in the above center. In this APO 2022-23 for Up-gradation of Communication and information Technology, Geo-ICT facility-based Server infrastructure, maintenance and procurement of IT Equipment and devices with financial outlay of Rs 17.34 Cr. has been proposed and the division wise details are given in the **Table13** and the location details in the **Annexure III-XXXXVII**

13. Infrastructure Development.

13.1 Maintenance of Forest Road

The Infrastructural development like Maintenance of forest road is quite essential for mobility of forest staffs to ascertain the condition of forest growth and check the illicit removal of forest growth by the smugglers. Forest roads are damaged every year due to the natural calamities, hence its repair and maintenance is inevitable for better forest management and wild life management. In this APO 2022-23 for Maintenance of Forest Road of 1000 Km with financial outlay of Rs 6.90 Cr. has been proposed and the division wise details are given in the **Table 13** and the location details in the **Annexure III-XXXXVIII**



13.2 Culvert

For all weather mobility to forest area, cross drainage work like Culvert is necessary over nallahs in forest road. As per requirement of such culverts by different Divisions **129no's** of units of culvert provision has been made in APO 2022-23 @ Rs 1.53 lakh per unit with a total financial outlay of **Rs 1.97 Cr.** Detail in **Annexure III-XXXXIX**



13.3 Cause Way

Inside forest roads, cause ways are unavoidable to flush the rain waters and keep road portion intact. Hence, as per requirement of different Divisions, **406nos** of causeways has been proposed to be constructed @ Rs 1.06 lakh each with total financial outlay of **Rs 4.30 Cr** and in details **Annexure III-XXXXX**



13.4 Range Office Buildings

The Range Officer is the key position in the hierarchy in the implementation of various programmes of Forest Department. Since the inception of CAMPA, major focus is given on modernization and construction Range offices and Range Officer Residential accommodations. In this APO, proposals have been given for construction of 11 new Range offices in different Divisions. Financial outlay of **Rs 3.48 Cr. @ 31.65 lakhs** per each has been made in APO 2022-23 and in Annexure **III-XXXXXI**



13.5 Range Officer Residence Buildings

Standard plan and estimate has been prepared for the residential accommodation of Range Officer, All the estimate are prepared as per the approved cost analysis of works Department, Govt of Odisha. In this APO 2022-23 ,the forest Range officer residence for **13 no's** @24.521 lakh/ each with total financial outlay of **Rs 3.19 Cr.** The details are given the **Table 13** and location details in **Annexure III-XXXXXII**



13.6 Forester Quarters Buildings

In this APO 2022-23, provision for establishment of **90nos** of Forester qtrs. with financial outlay of **Rs 18.35 Cr @ 20.38 Lakhs/Unit**. The division wise details are given in the **Table 13 and** the location details in the **Annexure III-XXXXXIII**



13.7 Forest Guard Quarters Buildings

In this APO 2022-23, provision for establishment of **258 nos.** of Forest Guard qtrs. with financial outlay of **Rs 42.03 Cr @ 16.29 Lakhs/unit**. The division wise details are given in the **Table and** the location details in the **Annexure III-XXXXXIV**



13.8 Seizure Yard

Huge quantity of seized forest are being kept in open sun and rain for years together which causing deterioration and loss of seized property. Considering the above seizure yard provision has been made in APO 2022-23. Total **31 nos** of seizure yard in different Divisions **@12.00 lakh** each with financial outlay of **Rs 3.72Cr** and the location details in the **Annexure III-XXXXXV**



13.9 Spill over Work for APO 2021-22

The ongoing construction works proposed during APO 2021-22 has not yet been completed due to the paraphernalia of delay in tender process. Hence to complete the balance project proponent of APO 2021-22, a financial outlay of **Rs 7.00 Cr.** has been proposed during APO 2022-23.

TABLE 13 DETAILS OF INFRASTRUCTURE TO BE DEVELOPED IN DIFFERENT DIVISIONS (in Crore)

Name of the Division	Range Office @ Rs.31.65 lakh/one		Range Officer's Residence @ Rs.24.521 lakhs/one		Forester Quarter @ Rs.20.389 lakhs/one		Forest Guard Quarter @ Rs.16.29 lakhs/one		Seizure Yard @ Rs.12.00 lakhs/one		Const. & Maint. of Forest Road @ Rs.0.69 lakhs/k.m		Culvert @ Rs.1.53 lakhs/unit		Cause Way @ Rs.1.06 lakhs/one	
	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Angul		0		0	1	0.2039	7	1.1403		0	5	0.0345	2	0.0306	4	0.0424
Athmallik		0		0		0		0		0	50	0.345		0	9	0.0954
Satkosia WL	1	0.3165		0	1	0.2039	3	0.4887		0		0	2	0.0306	14	0.1484
Dhenkanal		0		0	5	1.0195	14	2.2806		0	118	0.8142	10	0.153	31	0.3286
Athgarh		0		0	5	1.0195	15	2.4435		0	40	0.276		0	3	0.0318
Cuttack		0		0		0	2	0.3258	1	0.12	10	0.069	10	0.153	15	0.159
Mahanadi WL		0		0		0	1	0.1629		0		0	1	0.0153	3	0.0318
Khurda		0		0	3	0.6117	6	0.9774		0	25	0.1725		0	6	0.0636
Puri WL	1	0.3165	2	0.49042	3	0.6117	4	0.6516		0	15	0.1035		0		0
Rajnagar WL		0		0	2	0.4078	5	0.8145		0	8	0.0552	2	0.0306		0
Nayagarh		0		0	1	0.2039	7	1.1403		0		0	9	0.1377	30	0.318
Chilika WL		0		0	2	0.4078		0		0		0		0		0
Chandaka WL		0		0	1	0.2039	3	0.4887		0		0		0		0
City Forests	1	0.3165	2	0.49042	2	0.4078	2	0.3258		0		0		0		0
Bhadrakh WL	1	0.3165		0	1	0.2039	1	0.1629		0		0		0		0
Phulbani	1	0.3165	1	0.24521	2	0.4078	5	0.8145	1	0.12	15	0.1035	1	0.0153	11	0.1166
Baliguda		0		0		0	5	0.8145		0	34	0.2346		0	11	0.1166
Boudh		0	1	0.24521	2	0.4078	1	0.1629	2	0.24	30	0.207	5	0.0765	13	0.1378
Gh.South		0		0	1	0.2039	5	0.8145	1	0.12		0		0	3	0.0318
Gh.North		0		0		0	5	0.8145	1	0.12	40	0.276	5	0.0765	23	0.2438
Berhampur	1	0.3165	1	0.24521	2	0.4078	4	0.6516		0		0		0		0
Parlakhemundi		0	1	0.24521	1	0.2039	6	0.9774	5	0.6	20	0.138		0	1	0.0106
Jharsuguda		0		0	3	0.6117	1	0.1629	1	0.12		0	1	0.0153	1	0.0106
Sambalpur	1	0.3165	1	0.24521	4	0.8156	4	0.6516	1	0.12	20	0.138	1	0.0153	3	0.0318
Rairakhol		0		0		0	5	0.8145		0	70	0.483	8	0.1224	21	0.2226

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Name of the Division	Range Office @ Rs.31.65 lakh/ one		Range Officer's Residence @ Rs.24.521 lakhs/one		Forester Quarter @ Rs.20.389 lakhs/one		Forest Guard Quarter @ Rs.16.29 lakhs/ one		Seizure Yard @ Rs.12.00 lakhs/one		Const. & Maint. of Forest Road @ Rs.0.69 lakhs/k.m		Culvert @ Rs.1.53 lakhs/unit		Cause Way @ Rs.1.06 lakhs/one	
	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Bargarh		0		0	2	0.4078	5	0.8145	1	0.12	4	0.0276		0		0
Bamara WL		0		0	2	0.4078	18	2.9322	1	0.12		0	8	0.1224	24	0.2544
Hirakhud WL		0		0		0		0		0	100	0.69	6	0.0918	34	0.3604
Sundargarh		0		0	3	0.6117	5	0.8145		0	2	0.0138	2	0.0306	4	0.0424
Rourkela		0		0		0		0	2	0.24		0	1	0.0153	1	0.0106
Bonai		0		0	2	0.4078	4	0.6516		0		0		0		0
Deogarh		0		0	2	0.4078	10	1.629	2	0.24	40	0.276	7	0.1071	14	0.1484
Keonjhar		0		0	1	0.2039	6	0.9774		0	20	0.138	2	0.0306	3	0.0318
Baripada		0		0	3	0.6117	6	0.9774	2	0.24		0		0		0
Karanja		0		0	3	0.6117	5	0.8145	1	0.12		0		0		0
Rairangpur		0		0	1	0.2039		0		0		0		0		0
Balasore WL		0		0	2	0.4078	5	0.8145		0	75	0.5175	5	0.0765	12	0.1272
Similipal North		0	1	0.24521	5	1.0195	12	1.9548	7	0.84	100	0.69	3	0.0459	46	0.4876
Similipal South	1	0.3165	1	0.24521	5	1.0195	7	1.1403	2	0.24		0		0		0
Keonjhar WL		0		0		0		0		0	22	0.1518	10	0.153	19	0.2014
Kalahandi(N)	1	0.3165		0	1	0.2039	2	0.3258		0	16	0.1104	1	0.0153		0
Kalahandi (S)	1	0.3165		0	4	0.8156	5	0.8145		0	35	0.2381		0	10	0.106
Subarnapur		0		0		0		0		0		0		0	1	0.0106
Bolangir	1	0.3165	2	0.49042	5	1.0195	22	3.5838		0	7	0.0483		0	7	0.0742
Khariar		0		0	2	0.4078	4	0.6516		0	1	0.0069	3	0.0459	5	0.053
Sunabeda WL		0		0		0		0		0	25	0.1725	12	0.1836	21	0.2226
Rayagada		0		0	3	0.6117	9	1.4661		0	14	0.0932		0		0
Koraput		0		0		0	9	1.4661		0	40	0.276		0		0
Jeypore		0		0	1	0.2039	3	0.4887		0		0		0		0
Nowrangpur		0		0	1	0.2039	4	0.6516		0		0	2	0.0306		0
Malkangiri		0		0		0	5	0.8145		0		0	5	0.0765	1	0.0106
Silva Rayagada		0		0		0	1	0.1629		0		0	5	0.0765	2	0.0212
Total-	11	3.4815	13	3.1877	90	18.3501	258	42.0282	31	3.72	1000	6.9	129	1.9737	406	4.3036

14. Casual Engagement of Local youth to assist regular staff of state forest department for works for protection of forest and wildlife undertaken from State Fund (10 person each in 227 units for whole year)

Forest protection is a vital aspect of forest management that focuses primarily on prevention & control of destruction of forests due to biotic interference. Inadequate protection measures lead to degradation of the value of forests. The survival and regeneration of flora and fauna has come under threat as a result of illegal exploitation of forest due to biotic and other anthropogenic factors. Illicit felling and smuggling are a great threat in preserving, protecting and conserving the green cover. Legal provisions made for forest and wildlife offences are not sufficient to address the problems completely due to inadequacy in infrastructure, trained frontline personnel's & ancillary supports. Vulnerable smuggling pockets where acute timber smuggling is noticed, were identified in the different forest Divisions.

Biotic and other anthropogenic factors affecting the quality of forest is mostly location specific and local community especially the youths having thorough knowledge about the terrain and cultural attitudes of the area should get more involved in the efforts of forest department in protection. Involvement of local youths in continuous monitoring against encroachment over forest land and unsustainable exploitation of the forest resources will be ensured. Such Forest Protection through community involvement through local youths being the key intervention has been given top priority under CAMPA. In APO 2022-23, provision has been kept for Casual Engagement of Local youth to assist regular staff of state forest department in protection of forest and wildlife (10 person each in 227 units for whole year). Considering the above criteria to safe guard the existing green cover 227 no's of squads with 10 persons in each squad covering 219 ranges in 37 forest Divisions of the State and one protection squad in each circle covering 8 circles, has been proposed to be deployed to check against encroachment of forest land and smuggling activities. Under this activity **Rs 36.02 Crore** has been proposed for APO 2022-23.

The division wise details are given in the **Table14**

Table 14 Division wise details of units to be deployed

Division	No of Units	Financial Outlay (in Crore)
Angul	4	0.6347
Athmallik	4	0.6347
Dhenkanal	5	0.7934
Athagarh	4	0.6347
Cuttack	7	1.1107
TOTAL	24	3.8081
Khurda	6	0.952
Nayagarh	8	1.2694
City Forests	4	0.6347
TOTAL	18	2.8561
Phulbani	6	0.952
Baliguda	6	0.952
Boudh	4	0.6347
Gh.South	7	1.1107
Gh.North	6	0.952

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Berhampur	8	1.2694
Parlakhemundi	7	1.1107
TOTAL	44	6.9816
Jharsuguda	3	0.476
Sambalpur	7	1.1107
Rairakhol	6	0.952
Bargarh	3	0.476
TOTAL	19	3.0148
Sundargarh	7	1.1107
Rourkela	7	1.1107
Bonai	8	1.2694
Deogarh	7	1.1107
Keonjhar	9	1.428
TOTAL	38	6.0295
Baripada	8	1.2694
Karanjia	6	0.952
Rairangpur	6	0.952
TOTAL	20	3.1734
Kalahandi(N)	7	1.1107
Kalahandi (S)	7	1.1107
Subarnapur	6	0.952
Bolangir	7	1.1107
Khariar	6	0.952
TOTAL	33	5.2362
Rayagada	6	0.952
Koraput	6	0.952
Jeypore	7	1.1107
Nabarangpur	6	0.952
Malkangiri	6	0.952
TOTAL	31	4.9188
Total	227	36.019

15. Survey & Mapping of Forest Areas to create Land Bank for Compensatory Afforestation

In the present scenario it has become a herculin task to trace the forest land inside forest floor for utilization of plantation programme of compensatory afforestation whenever the diversion proposal comes for plantation programme as per Forest Conservation Act. To fulfil the immediate need for compensatory afforestation creation of land bank is most essential. Hence, prior to creating the land bank, Survey and Mapping of available blank forest area is quite necessary. Therefore, in APO 2022-23 a financial outlay of **Rs 2.00 Cr.** has been proposed for identification, Survey & mapping.

16. Monitoring & Evaluation

Monitoring of the all the schemes and their accounting and timely updating of the data, uploading of data in e-Green watch, CAMPA tracker is essential activity at the field. For the above works, one support staff who is well conversant with data management and analysis is required for each Range and the cost of out sourcing of same has been proposed in this APO. Further, as per CAMPA guidelines, all the activities of previous operations carried out under CAMPA are to be monitored and evaluated by an independent/3rd party organization to assess the quality as well as effective utilization of funds.

To carry out different monitoring and evaluation works, in APO 2022-23 provision has been made for **Rs 4.50 Cr.**

17. Publicity & Awareness Programmes Publicity Awareness (Forest Museum/Facilitation Center)

In Forest Department of Odisha State various activities are being implemented which needs to be exposed in public domain. There is no heritage centre in forest department to reflect the activities and assets of forest and wild life Wing for which a forest museum at Bhubaneswar is proposed to display the rich floral and faunal heritage of the state for future generation. Hence a financial outlay of **Rs 5.0 Cr** has been proposed in APO- 2022-23 to establish the forest museum.

WILDLIFE MANAGAMENT

18. ACTIVITIES UNDER NPV 20% COMPONENTS

18.1 Strengthening of Communication facilities for Protection of Wildlife:

For improving the performances of protection staff it is essential to have better communication facilities available with them. For these, following activities are proposed in this APO.

- i. Installation of VHF base station, and maintenance thereof including satellite tracking.
- ii. Procurement of equipment for monitoring of wild animals and protection activities.
- iii. Communication and Information Technology, data analysis and data managing.

The following are the proposals. The detail location is placed in the the **Annexure III-XXXXXXVI**

Table 18.1 Strengthening of Communication facilities for Protection of Wildlife

Sl. No.	Item of work	Unit	Unit cost (Rs. in lakh)	Quantity/ Unit (in No.)	Proposed amount (Rs. in Crore)
(i)	Installation of VHF base station, and maintenance thereof including satellite tracking		1.50	33	0.4950
(ii)	Equipment for monitoring of wild animals and the protection activities		6.00	25	1.50
(iii)	Communication and information Technology, data analysis and data managing	LS			1.50
Total:					3.4950

18.2 Construction and Maintenance under Infrastructure Development:

In this connection the detailed proposal for **Rs.9.82 lakh** have been submitted to the Chief Executive CAMPA, State Authority for inclusion in the Annual Plan of Operation at their end. The following are the proposals and location details in **III-XXXXXXVII**

Table 18.2 Construction and Maintenance of Infrastructure Development

Sl. No.	Item of work	Unit	Unit cost (Rs. in lakh)	Quantity/ Unit (in No.)	Proposed amount (Rs. in Crore)
(i)	Maintenance of Forest Road/Inspection path.	KM	0.69	800	5.52
(ii)	Anti-poaching Barrack.	Nos.	20.00	20	4.00
(iii)	Floating Jetty.	Nos.	LS	2	0.30
Total:					9.82

18.3 Publicity & Awareness Programmes:

Under this component it is proposed to take up publicity, awareness, training and capacity building programmes for the field staffs and Rapid Response Teams in the matter of wildlife protection, anti-depredation activities, rescue and rehabilitation operations etc.

Table 18.3 Publicity & Awareness programmes:

Sl. No.	Item of work	Unit	Unit cost (Rs.in lakh)	Quantity/ Unit (in No.)	Proposed amount (Rs.in Crore)
(i)	Publicity, Awareness Training & Capacity building	LS			2.00
Total:					2.00

UTILIZATION OF INTEREST MONEY

(Activities under 60 % of Interest Money)

19. Escalation of program cost due to revision of wage rate

There are wage revisions intermittently by the State Government. There is a need for a provision to compensate enhanced wage rates as and when required. Hence an allocation of **Rs. 4.5 Cr** has been kept on lumpsum basis to meet the escalated enhanced program cost in the APO 2022-23

20. Maintenance of 18 months seedling**20.1 Maintenance of 18 months seedling to be planted during 2022-23 (3 months)**

The enrichment of the forest by supplementing massive plantations in and around the forest areas is the most effective mechanism for enhancing the green cover in Odisha. On review of old practice by raising 6 months old seedlings, it is noticed that the plantation of tall seedling gives better growth and survival. Therefore, it is proposed to maintain (For 3 months) 2 crore 18 months old seedlings in different nurseries of various Divisions of the State to be planted



during 2022-23 under APO 2022 -23 with financial outlay of **Rs 11.96 Cr**. Division wise details of the seedlings to be grown are given in the following **Table 20.1**

Table 20.1 DIVISION WISE DETAILS OF MAINTENEC OF 18-MONTH-OLD SEEDLINGS (3 MONTHS)			
Circle	Name of the Division	No of Seedlings (in Lakhs)	Cost outlay (Rs. In Crore)
Angul	Angul	5	0.299
	Athmallik	6	0.3588
	Satkosia WL	1	0.0598
	Dhenkanal	6	0.3588
	Athgarh	5	0.299
	Cuttack	5	0.299
	Mahanadi WL	1	0.0598
	Total-	29	1.7342
BBSR	Khurda	5	0.299
	Puri WL	1	0.0598
	Nayagarh	5	0.299
	Chilika WL	1	0.0598
	Chandaka WL	2	0.1196
	City Forests	4	0.2392
	Bhadrakh WL	2	0.1196
	Total	20	1.196

Berhampur	Phulbani	6	0.3588
	Baliguda	6	0.3588
	Boudh	5	0.299
	Gh.South	5	0.299
	Gh.North	5	0.299
	Berhampur	5	0.299
	Parlakhemundi	5	0.299
	Total	37	2.2126
Sambalpur	Jharsuguda	3	0.1794
	Sambalpur	6	0.3588
	Rairakhola	6	0.3588
	Bargarh	5	0.299
	Bamara WL	2	0.1196
	Total	22	1.3156
Rourkela	Sundargarh	4	0.2392
	Rourkela	4	0.2392
	Bonai	4	0.2392
	Deogarh	4	0.2392
	Keonjhar	4	0.2392
	Total	20	1.196
Baripada	Baripada	4	0.2392
	Karanjia	4	0.2392
	Rairangpur	4	0.2392
	Balasore WL	2	0.1196
	Keonjhar WL	2	0.1196
	Total	16	0.9568
Bhawanipatna	Kalahandi(N)	6	0.3588
	Kalahandi (S)	5	0.299
	Subarnapur	5	0.299
	Bolangir	6	0.3588
	Khariar	5	0.299
	Sunabeda WL	2	0.1196
	Total	29	1.7342
Koraput	Rayagada	6	0.3588
	Koraput	5	0.299
	Jeypore	6	0.3588
	Nowrangpur	5	0.299
	Malkangiri	5	0.299
	Total	27	1.6146
	Grand Total	200	11.96

20.2 Maintenance of 18 months seedling to be planted during 2023-24 (12 months)

It is proposed to maintain (For 12 months) 2 crore 18 months old seedlings in different nurseries of various Divisions during 2021-22 of the State to be planted during 2023-24 under APO 2022-23 with financial outlay of **Rs 86.53 Cr.** Division wise details of the seedlings to be grown are given in the following **Table 20.2**

Table 20.2 DIVISION WISE DETAILS OF MAINTENANCE OF 18 MONTH OLD SEEDLINGS TO BE PLANTED
IN 2023-24

Circle	Name of the Division	Seedlings (in Lakhs)	Financial Outlay Rs in Crore
Angul	Angul	5.00	1.7305
	Athmallik	6.00	2.0766
	Satkosia WL	1.00	0.3461
	Dhenkanal	6.00	2.0766
	Athgarh	5.00	1.7305
	Cuttack	5.00	1.7305
	Mahanadi WL	1.00	0.3461
	Total-	29.00	10.037
BBSR	Khurda	5.00	1.7305
	Puri WL	1.00	0.3461
	Nayagarh	7.00	2.4227
	Chilika WL	1.00	0.3461
	Chandaka WL	2.00	0.6922
	City Forests	4.00	1.3844
	Bhadrakh WL	2.00	0.6922
	Total	22.00	7.6142
Berhampur	Phulbani	8.00	2.7688
	Baliguda	8.00	2.7688
	Boudh	5.00	1.7305
	Gh.South	5.00	1.7305
	Gh.North	5.00	1.7305
	Berhampur	5.00	1.7305
	Parlakhemundi	9.00	3.1149
	Total	45.00	15.575
Sambalpur	Jharsuguda	3.00	1.0383
	Sambalpur	6.00	2.0766
	Rairakhol	6.00	2.0766
	Bargarh	7.00	2.4227
	Bamara WL	2.00	0.6922
	Total	24.00	8.3064
Rourkela	Sundargarh	4.00	1.3844
	Rourkela	6.00	2.0766
	Bonai	6.00	2.0766
	Deogarh	6.00	2.0766
	Keonjhar	8.00	2.7688
	Total	30.00	10.383
Baripada	Baripada	6.00	2.0766
	Karanja	6.00	2.0766
	Rairangpur	4.00	1.3844
	Balasore WL	2.00	0.6922
	Keonjhar WL	2.00	0.6922
	Total	20.00	6.922
Bhawanipatna	Kalahandi(N)	8.00	2.7688

	Kalahandi (S)	7.50	2.59575
	Subarnapur	5.00	1.7305
	Bolangir	10.00	3.461
	Khariar	7.50	2.59575
	Sunabeda WL	2.00	0.6922
	Total	40.00	13.844
Koraput	Rayagada	10.50	3.63405
	Koraput	7.00	2.4227
	Jeypore	8.50	2.94185
	Nowrangpur	7.00	2.4227
	Malkangiri	7.00	2.4227
	Total	40.00	13.844
	Grand Total	250.00	86.525

(Activities under 40 % of Interest Money)

21. Management of office establishment of State Authority

As per Section 10 of CAMPA Act, the State Authority has been notified by the State Government of Odisha on 29.9.2018. The Authority required funds for its day to day functioning as permissible in The Compensatory Afforestation Fund Act, 2016 & The Compensatory Afforestation Fund Rule, 2018 of CAMPA. An amount of **Rs. 6.00 Cr** has been kept for the contingent expenses, office expenses and the salaries towards engagement of human resource in CAMPA Authority.

22. State Capacity Building center

The implementation of provisions of CAF Act and Rules does not limit to the State Authority and has got larger connotations ranging from Mining, Revenue, Finance, Tribal Development, Livelihood Support, Rural Development and other stakeholders. Realizing this, the Government of India has also kept people from such divergent fields in the Executive Committee, Steering Committee and the Governing Body. All such members involved need to be sensitized at periodic intervals. It is therefore envisaged to put in place a capacity building centre for the capacity enrichment of different stakeholders of forest management. State

Capacity Building centre will provide such a platform to enlighten people, policy makers on several aspects of overall forest management. The State Level Steering Committee accords top priority to the development of Capacity building centre. This activity is permissible as per Rule 6 (b) and Rule 5(3). This activity has been approved by MOEF in the previous Plans as well. This is an ongoing activity started in the previous year and in the current year, an amount of **Rs. 5.0 Cr** has been kept for this ongoing activity.



23. Charges for consumption of internet data towards collection, maintenance and updating of OFMS web Portal by the field functionaries

The Staffs at field level while executing afforestation, protection and management of forest and wildlife use different IT Devices and gadgets for monitoring. For uploading of field information in to departmental web portal, e-green watch portal, meeting and training on virtual mode, the field officials incur expenses towards consumption of Internet Data. An amount of **Rs. 2.0 Cr** has been kept to meet their expenses in this APO 2022-23.



PART-IV

MEASURABLE OUTPUT OF ALL PHYSICAL ACTIVITIES AND TARGETS OF EACH PERMISSIBLE ACTIVITY ALONG WITH THE PERIOD REQUIRED FOR ACHIEVING THE MEASURABLE OUTPUT.

PART -IV

MEASURABLE OUTPUTS

1. (A) PHYSICAL AND FINANCIAL TARGETS OF THE ACTIVITIES TO BE UNDERTAKEN UNDER APO 2022-23

APO 2022-23 comprises of activities like mandatory Compensatory Afforestation, PCA,1.5 SZ, Site specific Conservation Plan, Regional Wildlife Management Plan, different models of Plantations under NPV, Subsidiary silvicultural operations for Bamboo, Forest Protection, Ama Jangala Yojana, Soil and Moisture Conservation Measures, Wildlife Management, Infrastructure development, IT & GIS, Management Biodiversity, Capacity building, etc. The above activities under APO 2022-23 are to be mainly implemented by the territorial, wildlife wing and Forest IT & GIS cell. As advised by the National Authority while discussing the previous Plan, efforts are made to separate the activities done by the wildlife wing and territorial wing. The main expenditure is planned under NPV. The categories of NPV under 80 and 20 percent are also separated as per CAF act & Rules. As per the CAF Rule 6 interest part has been considered and activities under 60% and 40% has been incorporated in this APO 2022-23 which has been depicted in the table below activity wise.

Abstract of Activities Proposed in APO 2022-23

SI No	Component of work	Financial Outlay (Rs. In Cr.)		
		Forest	Wildlife	Total
1	CA, Addl.CA,PCA,SZ,1.5 SZ etc	80.39	0	80.39
2	Integrated Wildlife Management Plan			
	(i) Site Specific Wildlife Conservation Plan		47.64	47.64
	(ii) Regional Wildlife Management Plan		15.00	15.00
Net Present Value(NPV)				
80 % Activities				
3	New Plantations	269.00	0	269.00
4	Maintenance of Old Plantations	95.83	0	95.83
5	Ama Jungala Yojana	69.00	0	69.00
6	Sivicultural Operation	28.31	0	28.31
7	Forest Protection	46.31	15.75	62.06
8	Fire Protection	28.18	11.44	39.62
9	Soil & Moisture Conservation	92.75	0	92.75
10	Management of Biological Diversity & Biological Researach	3.00	17.91	20.91
11	Wildlife Management	0.00	122.73	122.73
	Total 80%	632.38	167.83	800.21
20% Activities				
12	Capacity Building	2.0	0	2.00
13	Improvement of Permanent Nursery	9.0	0	9.00

14	Upgradation of Communication & IT	17.34	3.5	20.84
15	Construction and Maitenance of road & path etc.	13.18	9.82	23
16	Construction of residential/ Office Building	77.77	0	77.77
17	Casual Engagement of local youth to assist in Forest Protection	36.02	0	36.02
18	Survey & mapping	2.0	0	2.00
19	Monitoring & Evaluation	4.5	0	4.50
20	Publicity & Awareness	5.0	2.0	7.0.
	Total 20%	166.81	15.32	182.13
	Total NPV	799.19	183.15	982.33
Proposal for Utilization of Interest Money				
I	Under 60% Activities	Financial outlay(Rs in Crore)		
1	Escalation of Program cost due to wage rate	4.50		
2	Maintenance of 18 months seedlings	98.49		
	Total 60% Activities	102.99		
II	Under 40% Activities			
1	Management of office establishment of State Authority	6.00		
2	State Capacity Building Center	5.00		
3	Charges for Internet data Consumption	2.00		
	Total 40% Activities	13.00		
	Total Interest(60% +40%)	115.99		
	Grand Total APO 2022-23	1241.34		

Abstract of outlay of APO 2022-23

Sl.No	Component	Financial Outlay (Rs. in cr.)
1	CA, PCA & maintenance of Old Plantation etc.	80.39
2	i. Regional Wildlife Management Plan	15.00
	ii. Site Specific WL Management Plan	47.64
3	NPV (80% + 20%)	982.33
4	Utilization of Interest Money (60% + 40%)	115.99
	GRAND TOTAL:	1241.34

1.1 AFFORESTATION ACTIVITIES

The afforestation activities is primary programme of the APO 2022-23 which includes plantations under CA, PCA, CATP and under NPV AR, ANR, Bald Hill and the maintenance of previous years. In addition to the plantation, rehabilitation of degraded forests and conservation of pure RET/medicinal patches of indigenous species are also taken in to consideration in different planation models under AR & ANR. In this APO 2022-23, the plantation programme of different models considering site specific and socio-economic value are taken up.

1.1.1 Plantations under CA, PCA

The physical and financial target of plantation operations under CA, PCA being carried out in the current year APO 2022-23 Which are given in the following table

Activity	Physical Target (in Ha/ Nos.)	Financial Target (Rs. in Crore)
Current year plantation	6263.509 Ha	48.9006
2 nd year maintenance	3948.72 Ha & 10.11 RKM +340 Nos	5.3701
3 rd year maintenance	3949.03 Ha & 5050 Nos	2.7785
4 th year maintenance	5237.70 & 31.1 RKM	1.402
5 th year maintenance	1357.26 Ha & 7640 Nos	0.3151
6 th year maintenance	3096.117 Ha & 100 Nos	0.5902
7 th year maintenance	3147.73 Ha	0.5052
8 th year maintenance	993.28 Ha & 30.44 RKM	0.2596
Preliminary Operation (Tentative)	4000 Ha	20.2634
Total-		80.39

1.1.2 Plantation Activities under NPV:

The plantation programme of different models considering site specific and need of society were fully taken in to consideration. In APO 2022-23, in AR mode plantation like Economic plantation, Indigenous plantation, Phasi plantation, River rejuvenation plantation, Bald hill, Casuarina, Mangrove, Bamboo, Miyawaki and Fodder & Fruit plantation with maintenance of last year plantation up to 4th years. In ANR model include Vanya silk, Fodder & Fruit, RET/Medicinal & other indigenous Misc plantations were considered. The pilot programme of Ama Jangala Yojana phase-I AND Phase-II were included in the APO 2022-23. The physical and financial target of the plantation activities are given in the following table

Current Year Plantations

Plantation (Creation)				
ANR Plantation (0th + 1st Year)				
Activities	Unit	Qty	Unit Cost	Outlay in Crore
Vanya Silk @500 plant/ha	Ha	1877	0.62876	11.80
Fodder and Fruits @500 plant/ha	Ha	2760	0.62876	17.35
RET/Medicinal @200 plant/ha	Ha	2452	0.31284	7.67
Other Indigenous Misc @200 plant/ha	Ha	44998	0.31284	140.77
Total ANR		52087		177.60
AR Plantation (0th + 1st Year)				

ODISHA STATE CAMPA

Economic (Timber/High value Species except Teak) @1600 plant/ha	Ha	200	2.05526	4.11
Other Indigenous Species @1600 plant/ha	Ha	1204	2.05526	24.75
Other Indigenous Species @1000 plant/ha	Ha	1050	1.45077	15.23
Phasi @1600 plant/ha	Ha	85	2.05526	1.75
River Rejuvenation Plantation@1600 plant/ha	Ha	85	2.05526	1.75
Baldhill @1600 plant/ha	Ha	1020	3.15386	32.17
Casuarina (in protected area only) @2500 plant/ha	Ha	452	1.77238	8.01
Mangrove @2500 plant/ha	Ha	8	0.94027	0.08
Mangrove (Hypocotyle) @4445 plant/ha	Ha	155	0.3592	0.56
Miyawaki Plantation @8000 Plant/ha	Ha	5	39.122	1.96
Fodder and Fruits @1600 plant/ha (1st year only)	Ha	60	1.74698	1.05
Total AR Plantation		4324		91.40
Total Plantation (Creation)		56411		269.00

Maintenance of Plantation

2nd Year Maintenance				
Activities	Unit	Qty	Unit Cost	Outlay in Crore
AR @1600 plant/ha	Ha	1490	0.4239	6.32
Bald Hill @1600 plant/ha	Ha	1326	0.52475	6.96
Bamboo @400 plant/ha	Ha	1370	0.25706	3.52
Miyawaki @8000 plant/ha	Ha	13	9.23854	1.20
Fodder & Fruit @1600 plant/ha	Ha	105	0.4239	0.45
Casuarina @2500 plant/ha	Ha	46.1	0.72265	0.33
Conservation of RET Species (With Gap) @200 plant/ha	Ha	130	0.08094	0.11
Conservation of RET Species (without Gap)	Ha	70	0.0554	0.04
3rd year Maintenance				
ANR @200 plant/ha	Ha	39900	0.06776	27.04
AR @1600 plant/ha	Ha	1500	0.27144	4.07
Bald Hill @1600 plant/ha	Ha	875	0.24542	2.15
Bamboo @400 plant/ha	Ha	770	0.17388	1.34
Fodder & Fruit @1600 plant/ha	Ha	385	0.27144	1.05
Fodder & Fruit (Urban Mode)@1600 plant/ha	Ha	62.5	1.11398	0.70
Miyawaki @8000 plant/ha	Ha	4	4.29209	0.17
Conservation of RET Species (With Gap) @200 plant/ha	Ha	85	0.06776	0.06
Conservation of RET Species (without Gap)	Ha	799	0.02961	0.24
4th year Maintenance				
ANR @200 plant/ha	Ha	20100	0.0486	9.77
AR @1600 plant/ha	Ha	2000	0.06984	1.40
Avenue Plantation @250 Plant/RKM	K.M.	76	0.2646	0.20
Total Maintenance (2nd +3rd +4th year)		106545.60 ha + 76 RKM		95.83

Ama Jangala Yojana

Activities	Unit	Qty	Unit Cost	Outlay in Crore
Ama Jangala Yojana Phase-II (New Plantation) (Proposed)	Ha	25000		30.70
Ama Jangala Yojana Phase-I (Maintenance of old Plantation)	Ha	95837		38.30
Total Ama Jangala Yojana				69.00

1.2 Maintenance of 18 months old Seedlings, Escalation of Cost due to revision of wage rate plantation, Management of office establishment, State capacity Building, Updating of OFMS Web Portal are included in Interest component.

Interest component are divided into two parts. In 60% interest component Maintenance (3 Months) of 18 Month Seedling to be planted during 2022-23 for 2Cr. of Saplings and maintenance (12 Months) of 18 months old seedlings to be planted during 2023-24 for **2.50 Cr.** of Saplings. In addition to that escalation of program cost due to revision of wage rate has been proposed

DETAILS OF ACTIVITIES PROPOSED UNDER 60% INTEREST COMPONENT CATEGORY			
Activities	Physical Target	Unit Cost	Fin. Target (Rs in Cr)
Raising of 18 months old seedlings for 2022-23 plantation (outlay for 3 months)	2Cr	0.0000598	11.96
Raising of 18 months old seedlings for 2022-23 plantation (outlay for 3 months)	2.5 Cr.	0.0003461	86.53

1.3 Subsidiary Silvicultural Operations of Bamboo:

Subsidiary Silvicultural Operations for bamboo coupes as per working plan prescription has been included over **88520 Ha.** With financial outlay of Rs **22.31 Crore.** The activities proposed to be undertaken are cleaning of clumps, high stump cutting, stone packing, earth mounding, etc.

1.4 Soil and Moisture Conservation Works:

Soil and Moisture Conservation Works proposed to be undertaken in APO 2022-23 in massive manner over an area of **26500 Ha.** With financial outlay of **Rs 92.75 Crore.** The main moto of SMC is to conserve the water and raise the water regime. In this APO 2022-23 the forest blocks in different divisions has been identified to complete the SMC activities over entire area in specific period. For the SMC activity the DPR has to be carried out through Lidar Survey. The details table is mention below.

1.5 Protection Activities

Forest being the open treasury needs proper protection for its better management. For protection activity communication, information exchange and movement of forest patrol staff are basic need. Fire Hazzard

in side forest is an damaging factor which needs proper arrangement to combat it. For movement of staffs vehicular arrangement are quite necessary to restrict the theft and fire incidences inside forest, staffs with local peoples movement is quite inevitable. A Financial outlay of **Rs 74.49 Crore** has been proposed. The details of Protection activity are mentioned in the following table.

Table (IV) 1.5 Protection Activities

Activity	Unit	Qty	Outlay in Crore
Protection of Forest through consolidation by Geo Referencing of Notified Forest Block 13046.87 Sqkm and 3965.17 sqKm of Revenue and Deemed forest Area	LS		30.00
Protection of Forest through provisioning of mobility by hired vehicle (whole the year)	Nos	316	16.31
Total Protection			46.31
Forest Fire Prevention and control Operations			
Fire Protection Rapid response teams involving community youth with hired vehicle for Fire Protection	No.	213	14.54
Creation and Maintenance of fire line	KM	19500	6.14
Procurement of Fire Blower including fuel and other accessories	Nos	306	1.99
Logistic support for fire squads	LS	213	1.81
Training on Forest Fire to the frontline Forest Staff	Nos	283	0.28
Awareness Campaign in the ranges	Nos	283	1.42
Fire Watch Tower	No.	10	2.00
Total Fire Prevention and Control Operations			28.18
Grand Total			74.49

2. WILD LIFE MANAGEMENT ACTIVITIES:

Several activities are proposed for wildlife management. The main activities include protection of wild animals through a network of wildlife trekkers, anti-depredation squads, fire protection squads, relocation of villages from protected areas, tiger reserves, habitat improvement works like meadow development, water body creation, salt licks, Black Buck protection activities, SMC works in wildlife areas to enhance water regime in the forest for wild animals, strengthening of animal rescue centers, research activities, etc. The details of the activities and the financial allocation is given in the following table

Table (IV) 2 Protection Activities

Activity Name	Outlay in Crore
Protection under Wildlife Management	15.75
Fire and Prevention under Wildlife Management	11.44
Augmentation of food and water resources:	11.03

Monitoring assessment and protection of wildlife habitat	19.45
Habitat Management	9.00
Management of Special Habitats	3.62
Corridor Management	0.63
Establishment, operation and maintenance of animal rescue centre and veterinary treatment facilities for wild animals	14.00
Biodiversity assessment in Protected Areas.	17.91
Relocation of Villages in Protected Areas	65.00
Total	167.83

3. INFRASTRUCTURE

The infrastructural requirement of front line staffs for smooth forest management like staff quarters of Range office, Range Officers residence, Forester, Forest guards, forest roads, culvert, causeway, Development of permanent nurseries, communication facilities, floating jetties are proposed. The detailed physical and financial target of activities are given in the following table

Detail Activity	Unit	Physical Target	Unit cost (Rs in Lakhs)	Financial outlay (Rs in Crore)
Maintenance of Forest Road	K.M.	1000	0.69	6.90
Culvert	Nos	129	1.53	1.9737
Cause Way	Nos	406	1.06	4.3036
Range Office	Nos	11	31.65	3.4815
Range Officer Residence	Nos	13	24.52	3.1877
Forester Quarters	Nos	90	20.389	18.3501
Forest Guard Quarters	Nos	258	16.29	42.0282
Seizure Yard	Nos	31	12.00	3.7200
Infrastructure inside WL Protected area				
Maintenance of Forest Road/Inspection path.	Nos	800	0.69	5.52
Anti-poaching Barrack.	Nos	20	20.00	4.00
Floating Jetty.	LS	2	15.00	0.30
Spill over Infrastructure of APO 2021-22				7.00
Grand Total				100.7648

4. CAPACITY BUILDING, PUBLICITY, AWARENESS & FOREST MUSEUM

In Forest Department of Odisha State various activities are being implemented which needs to be exposed in public domain. There is no heritage centre in forest department to reflect the activities and assets of forest and wild life Wing for which a forest museum at Bhubaneswar is proposed to display the rich floral and faunal heritage of the state for future generation. Hence a financial outlay of **Rs 5.0 Cr** has been proposed in APO- 2022-23.

5. MANAGEMENT OF BIOLOGICAL DIVERSITY AND BIOLOGICAL RESOURCES

Odisha is one of the biodiversity rich states in India. To protect and conserve the fragile natural resources, the state government has created Protected Area Network. However, considerable area outside PAs harbours significant biodiversity, the current status of which is yet to be fully documented and conservation and management strategies to be fully explored. Even in the PAs, only the higher plants (Angiosperms) and animals (Mammals, Birds and Reptiles) have been documented. The lower group of plants (Ferns, Mosses, Lichens, Fungi etc.) and Animals (Lesser-known animal groups) which are equally important components of biodiversity are yet to be documented. The associated traditional knowledge related to application of biological resources is also not fully documented in non-PAs. Hence, there is a need to document the biodiversity of some lesser studied PAs especially focusing on lesser-known plants and animals and total biodiversity status of some special habitats of the state including status of threatened species and assessment of threats. This will assist in conservation and management of biodiversity in such areas. This will help the forest personnel at field level in planning and management of forest and Wildlife

Under CAMPA APO 2022-23, different activities for protection of bio-diversity and management of biological resources in consultation with Odisha Bio Diversity Board. The following program is proposed to be implemented under specific interventions. In this APO 2022-23 for Promoting conservation, sustainable use, chronicling of biological diversity of **Rs 3.0 Cr** has been proposed.

B- Measurable Outputs of the Physical Activities undertaken under CAMPA:

Broadly defining, Campa APO has projects on Afforestation, Subsidiary Silvicultural Operations of Bamboo, Soil and Moisture Conservation measures, various forest protection activities, Wildlife management, infrastructure development, training and capacity building.

a) The output for the plantation & Nursery Activities:

1. Enhancement of Green Cover.
2. Reduction in Soil Erosion
3. Enhancement of the microclimate the area
4. Provision of employment to the villages living in the forest fringe villages.
5. Plantation outside the forest area increases the tree cover.
6. Involvement of people, students, civil society in the plantation activity increases the awareness towards forest, nature and make them good responsible citizens and empathy to forest and wildlife
7. Increase in regeneration, coppice

b) The output for forest protection:

1. Enhancing the green cover.
2. Reduction in forest fire.
3. Make people partners in forest management and it results in owning the common property resources for the society.
4. Enhancement in the natural regeneration.
5. Increase in wildlife occurrence.

6. Quantity of seized produce, no. of accused arrested, trends in offence incidents.
7. Extent of cooperation of the villagers in the forest protection
8. Usage and adequacy of fire protection, fire extinguishing equipment's.

c) Output for Wildlife Management Activities

1. Reduction in wild animals straying incidences
2. Increased sighting of the wild animals
3. Increase in the health of wild animals.
4. 4, Reduction in the Man animal conflict
5. Reduction in the unnatural death and injury of the wild animals.
6. Improvement in prey-predator ratio in the forest and wildlife areas.
7. Reduction in major wildlife crimes and efficient detection mechanism
8. Increase in the research activities especially sea turtle nesting, migratory birds, translocation of wild animals, management of tiger reserves, Orchids in nature, etc.
9. Reduction in the occurrence of infectious diseases to wild animals due to cattle.

d) Measurable Outputs of Infrastructure Development

1. The increase in confidence and motivation levels of the staff as their personal needs are taken care of
2. The extent of occupancy and usability of the accommodation that is developed
3. Increase in the mobility inside the forest areas as they is improvement in the forest road, construction of culvert, causeways are being constructed

e) Measurable outputs of SSO, Bamboo:

1. Increase in the quality of Bamboo crop.
2. Increase in the height of the Bamboo culms
4. Decrease in straying of wild animals outside the forest as there will be increase in the availability of food inside the forest area
5. Increase in the livelihood options of the Bamboo artisans living in the vicinity of the forest areas.

f) Measurable Outputs of SMC Works:

1. Extent of enhancement of water table
2. Extent of siltation
3. Support of the villagers as they would be increase in the water supply to the agricultural crops.
4. Increase in the availability of water inside the forest areas.

C1 DETAILS OF MONITORING AND EVALUATION:

1. The monitoring of the Campa activities is an ongoing process. There are different levels of monitoring.
2. Studying and Analysing the date obtained from the field.
3. All the Muster rolls are checked by the Range Officers (50%), ACF (20%), DFO (10%)

4. All the work sites are inspected by the field officers in the proportions enunciated as per the Forest Code.
5. The officers of the PCCF office are designated to visit the circles and do the field inspections and guide the field staff accordingly.
6. The technology has been leveraged for monitoring the works.
7. Forest Information Technology & Geomatic Centre (FITGC) has been developed in the State Forest Hqrs which plays a key role in forests and wildlife management and its protection. In the said centre, monitoring of different activities like forest and wildlife protection, forest fire, activities undertaken under CAMPA funding through e-Green Watch, afforestation etc. is being taken up.
8. In the forest protection, more focus is given on foot patrolling by frontline staff which is also being monitored in the above centre. On an average, 80000 KMs of foot patrolling is being done by the frontline staff per month using GPS-PDA and android based mobile loaded with appropriate apps which is being monitored online.
9. The forest fire monitoring is being done on MODIS and SNPP satellite platform in the above centre. There are 23 different apps for implementation / monitoring of different activities aimed towards better forest management and protection. To control/monitor all the above activities, a Geomatic and other CIT Infrastructure has been installed in the Forest Hqrs FITGC Cell which is being utilized for the purpose and about 10 TB data is being managed in the FITGC Cell.
10. Customized GAGAN enabled GPS-PDA devices has been provided to all the Ranges in the field and is being utilized for operating different forestry applications being used for forest and wildlife management and protection. Mobile sets are being also utilized by the field functionaries for using the above forestry applications.
11. Even Elephant movements are monitored through apps and at many times, it has come handy to avoid accidents.

C2 THIRD PARTY MONITORING:

1. As per CAMPA guidelines, all the activities of previous operations carried out under CAMPA are to be monitored and evaluated by an independent/3rd party organization to assess the quality as well as effective utilization of funds. M/s CTRAN Consulting Ltd. Has taken up 3rd party evaluation for APO 2009-10 to 2016-17 and have submitted the final report. Third party Monitoring & Evaluation of APOs from 2017-18, 2019-20 and 2020-21 has been entrusted to M/s PricewaterhouseCoopers Pvt. Ltd and he has submitted the inception report for the same after getting the final report the same will be send to the national Authority and to all other concerns. The report will be published in website of PCCF & HoFF, Odisha.
2. The internal auditors to audit the CAMPA works has been appointed through different CA Firms. Their job is to ensure all the financial procedures, rules are followed in the divisions. Also to see the implementation of Direct Benefit Transfers to the individual beneficiaries, submission of monthly accounts, MPR, QPR, etc. The auditors will give half yearly reports on CAMPA working as per CAF Act and Rules.

GOVERNMENT OF ODISHA
FOREST, ENVIRONMENT & CLIMATE CHANGE DEPARTMENT

No.PT2-FE-DIV-MISC-0007-2018- 1375 /FE&CC, Date 20.01.22

From

Shri Dasaratha Sing,
Under Secretary to Government

To

The PCCF & HoFF, Odisha, Bhubaneswar.

Sub: Proceedings of the 19th meeting of the State Level Steering Committee of Compensatory Afforestation Fund Management & Planning Authority (State Authority) held on 13.01.2022.

Sir,

In inviting a reference to your Office File No.PCCFO-CAMPA-MISC-0001-2022 on the subject cited above, I am directed to enclose here with the approved proceedings of the 19th meeting of the State Level Steering Committee of Compensatory Afforestation Fund Management & Planning Authority (State Authority) held on 13.01.2022 under the Chairmanship of Chief Secretary, Odisha, Chairperson of the State Level Steering Committee, CAMPA, in original, for further necessary action.

Yours faithfully,


Under Secretary to Government


Memo No. 1376 /FE&CC, date. 20.01.22

Copy along with copy of enclosures forwarded to the Senior PS to Chief Secretary, Odisha for kind information of Chief Secretary.


Under Secretary to Government

Memo No. 1377 /FE&CC, date. 20.01.22

Copy forwarded to the PS to the Additional Chief Secretary to Government, FE&CC Department for kind information of Additional Chief Secretary.


Under Secretary to Government



Proceedings of the 19th Meeting of State Level Steering Committee of State CAMPA, Odisha held on 13.01.2022

The Chief Secretary, Odisha and Chairman of the Steering Committee of State CAMPA presided over the Steering Committee meeting which was held through virtual mode at 12.45PM on 13th January 2022. The list of the officials/participants is at the Annexure.1

1. Initiating the discussion, Additional Chief Secretary, FE&CC Deptt. informed the highlights of ISFR 2021 which was released by MoEF & CC, New Delhi a few minutes back today. As per the report, Odisha is in third position among all the states with respect to increase of state's overall forest cover since the last ISFR 2019 which was appreciated by the Chairman who suggested for more involvement of local communities in forest management interventions under CAMPA and utilization of CAMPA funds towards improvement of forest cover on forest areas outside forest department control. ACS also informed the special initiatives by the forest department for involvement of 10,000 SHGs in seedlings raising and awareness creation in prevention of forest fire.
2. PCCF&HoFF, Odisha explained the background of State CAMPA and the broad principles in the preparation and implementation of Annual Plan of Operation. Since 2019-20, the Annual Plans of Operation (APOs) are formulated in accordance with the provisions under Compensatory Afforestation Fund (Act) 2016 and Compensatory Afforestation Fund (Rules) 2018. Apart from the site-specific interventions under compensatory afforestation schemes and site-specific wildlife conservation plans, all other activities over the forest lands are formulated as per the prescription of working plans for forests and management plans for protected areas. For all the plantations from 2021-22 planting season onwards, it was decided to use only the 18 months old seedlings and such quality planting materials will be raised separately in nurseries instead of part of plantation components. Also, it was decided to delink SMC operations from the plantation component, and it will be implemented separately as per the DPR prepared for each forest blocks and in saturation mode. In this regard, he highlighted the LIDAR survey carried out during the current year in

Rayagada Division and the DPR prepared for SMC and plantations to be carried out under CAMPA. Biodiversity assessment and preparation of community registers through Biodiversity Board has also been included in this APO. He also highlighted the need of setting up of a Forest Museum in the state for the posterity and consideration of the same in this APO. After discussion on the matter and as per the suggestion of Principal CCF (Wildlife), it was decided to locate the proposed Forest Museum at the Botanical Garden in Nandankanan Park.

3. Chairperson of the Committee and Chief Secretary in his opening remarks highlighted the need to protect forest cover over the revenue forest land which accounts about 38.5% of the total recorded forest area of the state and invited the Revenue and Forest department to discuss on the modalities for the same. He also asked for immediate steps for complete restoration of the Casuarina patches inside Balukhand Wildlife sanctuary damaged due to Cyclone *Fani*. He also impressed upon Forest Department to limit the bamboo silvicultural operation to the coupes worked by the OFDC Ltd. or the VSS concerned and carry out the bamboo plantation only over the private land through Bamboo Mission. In respect forest fire mitigation works, he highlighted the need for advance preventive measures and more community participation in this regard. Regarding relocation of villages from the protected areas, Chief Secretary suggested to provide more funds under CAMPA in the light of recent revision of relocation policy by the state Government and the villages showing willingness for voluntary relocation. At this stage, ACS, FE & CC Department clarified that revenue forests which has been identified for Compensatory Afforestation has been included in the APO 2022-23 and also funds have been earmarked for creation of land bank of degraded revenue forests in this APO. PCCF also replied that steps have been taken in the field for bamboo working by VSS in all bamboo coupes surrendered by the OFDC Ltd. and accordingly total bamboo area will be worked during the year and covered under the simultaneous silvicultural operation as per the working plan prescriptions.

Chief Secretary expressed concern and called for extreme care to be taken to prevent forest fire during this year. He suggested that both

PCCFs should monitor the forest fire and ensure involvement of the local communities by providing incentive. The PCCF & HoFF explained the formation and functioning of the district level forest fire committees under the chairmanship of District Collector with DFO as member secretary to chalk out plan at District level involving all line departments and about initiating major role to ensure forest fire free at all panchayat level.

4. Additional Chief Secretary and Development Commissioner also suggested for preventive steps for fire prevention in forests and close monitoring of all such measures taken to prevent forest fire. He also suggested importance of the third-party independent monitoring of all the activities carried out under CAMPA. He also suggested for a strong monitoring mechanism on all activities taken up under site specific Wildlife Conservation Plans in the field. Regarding Soil and moisture conservation works inside forest areas, he asked to saturate protection and rejuvenation of all the nallahs originating inside the forests. He also expressed concern over the period required for full consumption of the available CAMPA funds with State Authority. Chief Secretary intervened and clarified that the CAMPA fund being a corpus, only the interest amount was being allowed by Government of India through the APOs prepared by the states. PCCF also added that the funds are being utilised as per the working plan prescription and based on the requirement of basic infrastructure in the field. The CEO, State Authority CAMPA replied that Third Party Evaluation of all APOs from 2009-10 to 2016-17 has already been carried out by M/S CTRAN and the report submitted to the National Authority. Further, M/S PwC has been engaged for Third Party independent evaluation of APOs for the years 2017-18, 2019-20 and 2020-21 and the work is in progress. Principal CCF (Wildlife) added that the verification of all activities under wildlife component is also under the purview of this study by M/S PwC. Moreover, National Authority has already engaged IIFM, Bhopal for independent verification of CAMPA activities in 4 states including Odisha.
5. The Principal Secretary, Panchayati Raj Department stated that in case of forestry activities under CAMPA, the convergence of MGNREGA funds towards wage payment would enhance the achievement of forest

nurseries, plantation and SMC activities under MGNREGA. He also stressed that the fruit bearing species which are beneficial for wild animals may be raised in sufficient numbers in all nurseries. The Special Secretary, Finance Department also supported the fact that the exotic species like Acacia spreading naturally and remaining on the forest floor will be hindrance for growth of indigenous species and should be removed. The Chief Secretary intervened and suggested that the forest nurseries are totally avoiding exotic species for planting out and taking steps to add more of fruit and fodder species for plantation. He also stated that the convergence of MGNREGA will be considered looking into the provisions of CAF Act and Rules after listening to the objection raised by the DDG, Integrated Regional Office, Bhubaneswar in this regard

6. The Deputy Director General, Integrated Regional Office (IRO) Bhubaneswar, suggested for restricting the river rejuvenation plantation to the forest areas in the riverside and not to use CAMPA funds for the plantation over other non-forest lands. He also raised objection on convergence of CAMPA funds with other schemes especially the MGNREGS as per the CAF Act.
7. Subsequently, detailed presentation agenda wise was made by the Chief Executive Officer, State Authority, CAMPA before the committee. It was informed that the APO 2021-22 was approved with financial outlay of Rs. 903.03 Crore for which the National Authority has approved the activities to the tune of Rs.901.03Crore. Out of this outlay, Rs.663.28 Crore has so far been released to the implementing Officers and all activities are in progress in the field. The progress of various plantation activities, Forest and Wildlife protection measures and creation of new infrastructures for frontline staff were discussed in detail.
8. The following changes under certain activities in APO 2021 -22 towards reappropriation of more funds required in respect of forest fire management especially in the maintenance of fire lines and towards relocation of villages from Satkosia and Debrigarh Wildlife Sanctuaries. The saving balance under the components of Ama Jungle Yojana and various components of Wildlife Management was proposed for re-appropriation before the Steering Committee as below.

(Rs. In Crores)

Sl	Savings after completion of project		Supplementary component proposed	
	Item	Amount	Item	Amount
1	Unspent balance under Ama Jungala Yojana (AJY)	5.54	Maintenance of Fireline over 20,000 KM	5.54
2	a. Implementation of Regional WL Management Plan Operation & Maintenance of Animal Rescue Center, Protection and Anti-depredation Activities	47.00	Relocation of villages from Satkosia and Debrigarh Wildlife Sanctuaries	47.00

9. Considering the urgency of the above two interventions proposed, the Steering Committee approved the proposal for reappropriation as suggested. Chairman however, suggested that the reappropriation of the supplementary components proposed would be kept ready for implementation after Panchayat elections.

10. Further, in his presentation, Chief Executive Officer CAMPA also informed the present fund position of state authority CAMPA and it was furnished as on 31st October, 2021 before the Committee as below:

Amount Received from National Authority after reconciliation up to 07.02.2019	5933.98Cr
Amount Deposited by User Agencies from 08.02.2019 to 31.03.2021 as reported by FD&Nodal Wing	(+)643.27Cr
TOTAL DEPOSIT (A)	6577.25Cr
Interest accrued from Loan to Govt. up to 11.10.2021	(+)198.39Cr
Interest accrued in ATB Investment up to 14.10.2021	(+)255.00Cr
TOTAL INTREST (B)	453.39Cr
GRAND TOTAL (A+B)	7030.64Cr
Amount Expenditure towards APO-2019-20	(-)421.08Cr
Amount Expenditure towards APO-2020-21	(-)675.45Cr
Amount Budgeted for APO 2021-22	(-) 903.03Cr
TOTAL EXPENDITURE	(-) 1999.55Cr
TOTAL FUND AVAILABLE	5031.08Cr

Out of the available balance, State Government has taken loan of Rs.2895.00 Cr. and the remaining money is invested in ATB.

11. Basing on the fund position as above, State Authority CAMPA in pursuant to the provision of Rule 39 of CAF Rule 2018 has formulated APO for the year 2022-23 with an outlay of Rs.1241.34 Crore which was suggested and approved by Executive Committee in its meeting held on 30.12.2021. The proposals of the APO for the year 2022-23 was presented in detail and was placed before the Steering Committee for consideration and approval. Abstract of outlay of APO 2022-23 presented before the Committee is as below.

Sl.No	Major Components	Financial Outlay <i>Rs. in Crore</i>
1	CA, PCA CATP & SSWLCP etc.	143.03
2	NPV (80% + 20%)	982.32
3	Utilization of Interest Money (60% + 40%)	115.99
	GRAND TOTAL:	1241.34

12. All the component activities proposed under the APO 2022-23 was explained in detail with the physical targets and proposed outlay in individual case. Major highlights have been described below.

New plantations under CA, PCA & CATP Activities are proposed in the APO under Section 6(a) of CAF Act 2016 considering all the schemes for the compensatory afforestation area pending for implementation. The detail of pendency was reflected in the table below:

The total area diverted up to September 2021	58,699.99 Ha
Stipulation of Comp.Affn. up to September 2021	78,913.38 Ha
Achievement up to September 2021	70,749.85 Ha
Balance Area to be covered	8163.53 Ha
Proposed area for Comp. Afforestation in APO2022-23	6130.82 Ha
Proposed area under CATP	132.51 Ha.

Hence, new plantations over an area of 6263.509 Ha (including area to be covered under CATP and other stipulations) with an outlay of Rs. 48.91 Crore is proposed in the APO 2022-23. Besides, maintenance of previous years' plantations under CA with financial outlay of Rs. 31.48 Crores is also proposed. The current year interventions in respect of 129 site-specific wildlife conservation plans have been proposed with an outlay of Rs.47.64 crores.

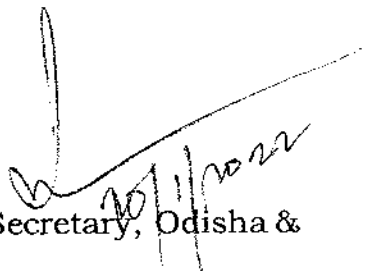
13. Among the activities under NPV 80% major was Plantation over a total area of 56,411 Ha excluding the area under bamboo plantation as suggested by the Chairman. VSS involvement is ensured under the implementation of Ama Jungle Yojana (AJY). For the intensive protection of Forests, steps are taken to ensure mobility of staff deep inside the forest and to improve their communication facilities for regular patrolling and for rapid action on emergency situations. Also, consolidation of forest block boundaries and proper demarcation in the field which is important in protection of forest land is ensured through digitization of the boundary of 13046.87Km² of Notified Forest area and 3965.17 Km² of deemed forest and revenue forests. Also, various measures for management of forest fire in the state are proposed with total financial outlay of Rs 39.62 Crore in the APO 2022-23. An area of 26,500Ha. of degraded forest Land of the State have been proposed to be treated under SMC with different interventions as per the DPR prepared for each forest blocks in saturation mode and an amount of Rs.92.75 Cr. has been estimated for the purpose. Improvement of Wildlife Habitat and Wildlife Care and Management of Biological Diversity and Biological Resource are other interventions proposed. For Relocation of Villages from Protected Areas, a financial Outlay of Rs 65.00 Crore has been kept.
14. Among the activities under 20% NPV category, Capacity Building training to the frontline staff of forest department is major activity along with development of basic infrastructure proposed to be built up for forest and wildlife management. Funds are also earmarked under this category for digitization and up-gradation of Forest IT facilities and for up gradation of permanent nurseries in the field. It is also proposed to ensure involvement of local youths in continuous monitoring against encroachment over forest land and unsustainable exploitation of the forest resources and such Forest Protection through community

involvement through local youths is another component included in APO.

15. Under the utilization of Interest money, the activity of raising and maintenance of 18-month-old seedlings in the permanent nurseries is major component to ensure availability of QPM for all plantations in the field. Under 40% of interest money category, the activity like administrative expenditure of the State Authority, State Capacity Building Center, establishment of CAMPA legal cell etc. has been proposed.

Accordingly, the detailed proposals under APO 2022-23 were placed before the Steering Committee for approval. After detailed discussion and deliberations among all the members as above, the Steering Committee approved the APO 2022-23 with a total financial outlay of Rs. 1241.34 Crores as per details attached in Annexure.2.

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


Chief Secretary, Odisha &
Chairperson, Steering Committee
State CAMPA, Odisha.

LIST OF PARTICIPANTS

The Development Commissioner – Cum – Addl. Chief Secretary
Planning & Convergence Department, Bhubaneswar

Addl. Chief Secretary
Forest, Environment & Climate Change Department, Bhubaneswar

Addl. Chief Secretary
Rural Development Department, Bhubaneswar

Principal Secretary
Finance Department, Bhubaneswar

Principal Secretary
Revenue & Disaster Management, Bhubaneswar

Principal Secretary to Govt. of Odisha
Pachayati Raj & Drinking Water Department, Bhubaneswar

Principal Secretary
Agriculture & Farmers Empowerment Department, Bhubaneswar

Principal Secretary
ST & SC Development Department, Bhubaneswar

Principal Secretary
Science & Technology Department, Bhubaneswar

Principal Chief Conservator of Forests & HoFF, Odisha

Principal Chief Conservator of Forests (Wildlife) & CWLW, Odisha

Principal Chief Conservator of Forests (FD & No, FC Act)

DDGF, Integrated Regional Office,
MoEF & CC, Govt. of India
Chandrasekharpur, Bhubaneswar

Member Secretary, State Forest Development Agency,
O/o PCCF & HoFF, Odisha

Shri Raj Kishore Das, Officer- on- Special Duty
ST & SC Development Department, Bhubaneswar

Chief Executive Officer, State Authority &
Member Secretary, Steering Committee, CAMPA

Activity wise Details of APO 2022-23

Sl No.	Act/Rule	Detail Activity	Unit	Physical Target	Unit cost	Financial outlay
					(Rs in Lakhs)	(Rs in Crore)

CA,PCA,SZ, 1.5 SZ, SSWLP, RWLMP

1	Sec. 6 (a)	New Plantation				
		AR	Ha	772.52	As per Project Proposal	
		ANR With Gap	Ha	3363.63		
		ANR without Gap	Ha	725.17		
		Bald Hill	Ha	1269.49		
		CATP				
		ANR With Gap	Ha	100		
		Other Stipulation				
		AR	Ha	14.35		
		ANR With Gap	Ha	18.34		
		Tall tree plantation	Nos	13250		
		Total New Plantation	Ha	6263.509		48.91
		Maintenance of Plantation & PO Work				
		AR	Ha	1371.26	As per Project Proposal	
		ANR	Ha	18248.27		
		ANR (WG)	Ha	555.75		
		Bald Hill	Ha	1607.7		
		Tree Plantations against tree removed	Nos	6130		
		Avenue Plantation	RKM	71.656		
		Canal Bank Plantation	Nos	51681		
PO Work for 2023-24	Ha	4000				
Total Maintenance of Plantation & PO Work	Ha	21782.98	71.656 RKM	31.48		
Total CA,PCA,SZ, 1.5 SZ, CATP Etc				80.39		
2		Site Specific WL Management	Nos	129		47.64
3		Implementation of Regional Wildlife Management Plan (RWLMP)	LS			15.00
Total CA,PCA,SZ, 1.5 SZ, CATP, SSWLP, RWLMP						143.03

(80% NPV)

		Plantation (Creation)				
1	Rule 5(2)(a)	ANR Plantation (0th + 1st Year)				
		Vanya Silk @500 plant/ha	Ha	1877	0.62876	11.80
		Fodder and Fruits @500 plant/ha	Ha	2760	0.62876	17.35
		RET/Medicinal @200 plant/ha	Ha	2452	0.31284	7.67
		Other Indigenous Misc @200 plant/ha	Ha	44998	0.31284	140.77
		Total ANR		52087		177.60
2	Rule 5(2)(b)	AR Plantation (0th + 1st Year)				
		Economic (Timber/High value Species except Teak) @1600 plant/ha	Ha	200	2.05526	4.11
		Other Indigenous Species @1600 plant/ha	Ha	1204	2.05526	24.75
		Other Indigenous Species @1000 plant/ha	Ha	1050	1.45077	15.23
		Phasi @1600 plant/ha	Ha	85	2.05526	1.75
		River Rejuvenation Plantation@1600 plant/ha	Ha	85	2.05526	1.75
		Baldhill @1600 plant/ha	Ha	1020	3.15386	32.17
		Casuarina (in protected area only) @2500 plant/ha	Ha	452	1.77238	8.01
		Mangrove @2500 plant/ha	Ha	8	0.94027	0.08
		Mangrove (Hypocotyle) @4445 plant/ha	Ha	155	0.3592	0.56
		Miyawaki Plantation @8000 Plant/ha	Ha	5	39.122	1.96
		Fodder and Fruits @1600 plant/ha (1st year only)	Ha	60	1.74698	1.05
		Total AR Plantation		4324		91.40
		Total Plantation (Creation)		56411		269.00
		Maintenance of Plantation				
		2nd Year Maintenance				
		ANR @200 plant/ha	Ha	35515	0.08094	28.75
		AR @1600 plant/ha	Ha	1490	0.4239	6.32
		Bald Hill @1600 plant/ha	Ha	1326	0.52475	6.96
		Bamboo @400 plant/ha	Ha	1370	0.25706	3.52
		Miyawaki @8000 plant/ha	Ha	13	9.23854	1.20
		Fodder & Fruit @1600 plant/ha	Ha	105	0.4239	0.45
		Casuarina @2500 plant/ha	Ha	46.1	0.72265	0.33
		Conservation of RET Species (With Gap) @200 plant/ha	Ha	130	0.08094	0.11
		Conservation of RET Species (without Gap)	Ha	70	0.0554	0.04

Sl No.	Act/Rule	Detail Activity	Unit	Physical Target	Unit cost	Financial outlay	
					(Rs in Lakhs)	(Rs in Crore)	
3	Rule 5(2)(a)(b)	3rd year Maintenance					
		ANR @200 plant/ha	Ha	39900	0.06776	27.04	
		AR @1600 plant/ha	Ha	1500	0.27144	4.07	
		Bald Hill @1600 plant/ha	Ha	875	0.24542	2.15	
		Bamboo @400 plant/ha	Ha	770	0.17388	1.34	
		Fodder & Fruit @1600 plant/ha	Ha	385	0.27144	1.05	
		Fodder & Fruit (Urban Mode)@1600 plant/ha	Ha	62.5	1.11398	0.70	
		Miyawaki @8000 plant/ha	Ha	4	4.29209	0.17	
		Conservation of RET Species (With Gap) @200 plant/ha	Ha	85	0.06776	0.06	
		Conservation of RET Species (without Gap)	Ha	799	0.02961	0.24	
		4th year Maintenance					
		ANR @200 plant/ha	Ha	20100	0.0486	9.77	
		AR @1600 plant/ha	Ha	2000	0.06984	1.40	
		Avenue Plantation @250 Plant/RKM	K.M.	76	0.2646	0.20	
		Total Maintenance (2nd +3rd +4th year)		106545.60 ha + 76 RKM		95.83	
		Total Plantation (Creation+ Maintenance)				364.83	
4	Rule 5(2)(a)(b)(g)	Ama Jangala Yojana				0.00	
		Ama Jangala Yojana Phase-II (New Plantation) (Proposed)	Ha	25000		30.70	
		Ama Jangala Yojana Phase-I (Maintenance of old Plantation)	Ha	95837		38.30	
		Total Ama Jangala Yojana				69.00	
5	Rule 5(2)(c)	Silvicultural Operation of Bamboo	Ha	88520	0.0252	22.31	
		Maintenance of Compartment /Coupe boundary for Silvicultural Working of Forests as per Working Plan Prescription	LS			4.00	
		Silvicultural Operation & maintenance of research garden	LS			2.00	
		Total Silvicultural Operation				28.31	
6	Rule 5(2)(d)	Protection					
		Protection of Forest through consolidation by Geo Referencing of Notified Forest Block 13046.87 Sqkm and 3965.17 sqKm of Revenue and Deemed forest Area	LS			30.00	
		Protection of Forest through provisioning of mobility by hired vehicle (whole the year)	Nos	316	5.16	16.31	
		Total Protection				46.31	
7	Rule 5(2)(f)	Forest Fire Prevention and control Operations					
		Fire Protection Rapid response teams involving community youth with hired vehicle for Fire Protection	No.	213	6.825	14.54	
		Creation and Maintenance of fire line	KM	19500	0.0315	6.14	
		Procurement of Fire Blower including fuel and other accessories	Nos	306	0.65	1.99	
		Logistic support for fire squads	LS	213	0.85	1.81	
		Training on Forest Fire to the frontline Forest Staff	Nos	283	0.1	0.28	
		Awareness Campaign in the ranges	Nos	283	0.5	1.42	
		Fire Watch Tower	No.	10	20	2.00	
		Total Fire Prevention and Control Operations				28.18	
8	Rule 5(2)(g)	Soil and Moisture Conservation in Forest area	Ha	26500	0.35	92.75	
9	Rule 5(2)(m)	Management of biological diversity and biological resource					
		Management of biological diversity and biological resources				0.50	
		Promoting conservation, sustainable use.....chronicling of biological diversity				2.50	
		Management of biological diversity				3.00	
		Total NPV 80%(General)				632.37	
		WildLife Management					
10	Rule 5(2)(d)	Protection under Wildlife Management				15.75	
11	Rule 5(2)(f)	Fire and Prevention under Wildlife Management				11.44	
12	Rule 5(2)(i)	Augmentation of food and water resources:				11.03	
		Monitoring assessment and protection of wildlife habitat				19.45	
		Habitat Management				9.00	
		Management of Special Habitats				3.62	
		Total Wildlife Habiitat Management				43.10	
13	Rule 5(2)(j)	Corridor Management				0.63	
14	Rule 5(2)(k)	Establishment, operation and maintenance of animal rescue centre and veterinary treatment facilities for wild animals				14.00	
15	Rule 5(2)(m)	Biodiversity assessment in Protected Areas.				17.91	
16	Rule 5(2)(h)	Relocation of Villages in Protected Areas	LS			65.00	
		Total WildLife Management (NPV 80%)				167.83	
80 % NPV (Gen+WL)						800.20	

Sl No.	Act/Rule	Detail Activity	Unit	Physical Target	Unit cost	Financial outlay
					(Rs in Lakhs)	(Rs in Crore)
20% NPV						
17	Rule 5(3)	Capacity Building of frontline forest Staff and other stake holders	LS			2.00
18	Rule 5(3)(a)	Improvement of Permanent Nursery including creation of Vermicompost unit	Nos	600	1.5	9.00
19	Rule 5(3)(c)	Up-gradation of Communication and information Technology, Geo-ICT facility based Server infrastructure, maintenance and procurement of IT Equipment and devices	LS			17.34
20	Rule 5(3) (d)	Construction & maintenance of Forest Roads /Path etc.				
		Maintenance of Forest Road	K.M.	1000	0.69	6.90
		Culvert	Nos	129	1.53	1.97
		Cause Way	Nos	406	1.06	4.30
		Sub Total (General)				
21	Rule 5(3) (e)	Construction of Residential /Office Building for frontline staff etc.				
		Range Office	Nos	11	31.65	3.48
		Range Officer Residence	Nos	13	24.521	3.19
		Forester Qtrs	Nos	90	20.389	18.35
		Forest Guard Qtrs	Nos	258	16.29	42.03
		Seizure Yard	Nos	31	12	3.72
		Spill over Work for APO 2021-22	LS			7.00
Total Construction of Residential...						77.77
22	Rule 5(3) (f)	Casual Engagement of Local youth to assist regular staff of state forest department for works for protection of forest and wildlife undertaken from State Fund (10 person each in 227 units for whole year)	Nos	227	15.87	36.02
23	Rule 5(3) (g)	Survey & Mapping of Forest Areas to create Land Bank for Compensatory Afforestation	LS			2.00
24	Rule 5(3) (h)	Monitoring & Evaluation	LS			4.50
25	Rule 5(3) (i)	Publicity Awareness(Forest Museum at Bonanical Garden, Nandanknan/Facilitation Center)	LS			5.00
Total NPV 20% (General)						166.81
WildLife Management						
26	Rule 5(3) (c)	Equipment/Devices for Communication & IT				3.50
27	Rule 5(3) (d)	Construction & maintenance of Forest Roads /Path etc.				9.82
28	Rule 5(3) (i)	Publicity, Awareness etc. in PA's and Wildlife rich areas	Nos	1000	0.2	2.00
20 % NPV (WL)						15.32
20% NPV (Gen+WL)						182.12
Total (80% + 20%) NPV						982.33
Utilization of Interest Money						
60 % of Interest Money						
29	Rule 6(a)	Escalation of program cost due to revision of wage rate	LS			4.50
30	Rule 6(a) (vi)	Maintenance of 18 months seedling to be planted during 2022-23 (3 months)	Nos	2 Cr	0.0000598	11.96
		Maintenance of 18 months seedling to be planted during 2023-24 (12 months)	Nos	2.50 Cr	0.0003461	86.53
Total maintenance Raising Seedlings...						98.49
Total 60 % of interest funds						102.99
40 % of Interest Money						
31	Rule 6(b) (i)	Management of office establishment of State Authority	LS			6.00
32	Rule 6(b) (vi)	State Capacity Building center	LS			5.00
		Charges for consumption of internet data towards collection, maintenance and updating of OFMS web Portal by the field functionaries for 51 Forest Divisions	LS			2.00
Total 40% of interest funds						13.00
Total Interest (60% +40%)						115.99
Grand Total (80% + 20%) NPV + CA+ SSWL+ interest						1241.34

ANNEXURE

CAMPA APO 2022-23

State Authority
Compensatory Afforestation Fund, Odisha

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GOVERNMENT OF ODISHA
FOREST, ENVIRONMENT & CLIMATE CHANGE DEPARTMENT

No.PT2-FE-DIV-MISC-0007-2018- 1375 /FE&CC, Date 20.01.22

From

Shri Dasaratha Sing,
Under Secretary to Government

To

The PCCF & HoFF, Odisha, Bhubaneswar.

Sub: Proceedings of the 19th meeting of the State Level Steering Committee of Compensatory Afforestation Fund Management & Planning Authority (State Authority) held on 13.01.2022.

Sir,

In inviting a reference to your Office File No.PCCFO-CAMPA-MISC-0001-2022 on the subject cited above, I am directed to enclose here with the approved proceedings of the 19th meeting of the State Level Steering Committee of Compensatory Afforestation Fund Management & Planning Authority (State Authority) held on 13.01.2022 under the Chairmanship of Chief Secretary, Odisha, Chairperson of the State Level Steering Committee, CAMPA, in original, for further necessary action.

Yours faithfully,


Under Secretary to Government

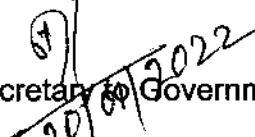
Memo No. 1376 /FE&CC, date. 20.01.22

Copy along with copy of enclosures forwarded to the Senior PS to Chief Secretary, Odisha for kind information of Chief Secretary.


Under Secretary to Government

Memo No. 1377 /FE&CC, date. 20.01.22

Copy forwarded to the PS to the Additional Chief Secretary to Government, FE&CC Department for kind information of Additional Chief Secretary.


Under Secretary to Government



Proceedings of the 19th Meeting of State Level Steering Committee of State CAMPA, Odisha held on 13.01.2022

The Chief Secretary, Odisha and Chairman of the Steering Committee of State CAMPA presided over the Steering Committee meeting which was held through virtual mode at 12.45PM on 13th January 2022. The list of the officials/participants is at the Annexure.1

1. Initiating the discussion, Additional Chief Secretary, FE&CC Deptt. informed the highlights of ISFR 2021 which was released by MoEF & CC, New Delhi a few minutes back today. As per the report, Odisha is in third position among all the states with respect to increase of state's overall forest cover since the last ISFR 2019 which was appreciated by the Chairman who suggested for more involvement of local communities in forest management interventions under CAMPA and utilization of CAMPA funds towards improvement of forest cover on forest areas outside forest department control. ACS also informed the special initiatives by the forest department for involvement of 10,000 SHGs in seedlings raising and awareness creation in prevention of forest fire.
2. PCCF&HoFF, Odisha explained the background of State CAMPA and the broad principles in the preparation and implementation of Annual Plan of Operation. Since 2019-20, the Annual Plans of Operation (APOs) are formulated in accordance with the provisions under Compensatory Afforestation Fund (Act) 2016 and Compensatory Afforestation Fund (Rules) 2018. Apart from the site-specific interventions under compensatory afforestation schemes and site-specific wildlife conservation plans, all other activities over the forest lands are formulated as per the prescription of working plans for forests and management plans for protected areas. For all the plantations from 2021-22 planting season onwards, it was decided to use only the 18 months old seedlings and such quality planting materials will be raised separately in nurseries instead of part of plantation components. Also, it was decided to delink SMC operations from the plantation component, and it will be implemented separately as per the DPR prepared for each forest blocks and in saturation mode. In this regard, he highlighted the LIDAR survey carried out during the current year in

Rayagada Division and the DPR prepared for SMC and plantations to be carried out under CAMPA. Biodiversity assessment and preparation of community registers through Biodiversity Board has also been included in this APO. He also highlighted the need of setting up of a Forest Museum in the state for the posterity and consideration of the same in this APO. After discussion on the matter and as per the suggestion of Principal CCF (Wildlife), it was decided to locate the proposed Forest Museum at the Botanical Garden in Nandankanan Park.

3. Chairperson of the Committee and Chief Secretary in his opening remarks highlighted the need to protect forest cover over the revenue forest land which accounts about 38.5% of the total recorded forest area of the state and invited the Revenue and Forest department to discuss on the modalities for the same. He also asked for immediate steps for complete restoration of the Casuarina patches inside Balukhand Wildlife sanctuary damaged due to Cyclone *Fani*. He also impressed upon Forest Department to limit the bamboo silvicultural operation to the coupes worked by the OFDC Ltd. or the VSS concerned and carry out the bamboo plantation only over the private land through Bamboo Mission. In respect forest fire mitigation works, he highlighted the need for advance preventive measures and more community participation in this regard. Regarding relocation of villages from the protected areas, Chief Secretary suggested to provide more funds under CAMPA in the light of recent revision of relocation policy by the state Government and the villages showing willingness for voluntary relocation. At this stage, ACS, FE & CC Department clarified that revenue forests which has been identified for Compensatory Afforestation has been included in the APO 2022-23 and also funds have been earmarked for creation of land bank of degraded revenue forests in this APO. PCCF also replied that steps have been taken in the field for bamboo working by VSS in all bamboo coupes surrendered by the OFDC Ltd. and accordingly total bamboo area will be worked during the year and covered under the simultaneous silvicultural operation as per the working plan prescriptions.

Chief Secretary expressed concern and called for extreme care to be taken to prevent forest fire during this year. He suggested that both

PCCFs should monitor the forest fire and ensure involvement of the local communities by providing incentive. The PCCF & HoFF explained the formation and functioning of the district level forest fire committees under the chairmanship of District Collector with DFO as member secretary to chalk out plan at District level involving all line departments and about initiating major role to ensure forest fire free at all panchayat level.

4. Additional Chief Secretary and Development Commissioner also suggested for preventive steps for fire prevention in forests and close monitoring of all such measures taken to prevent forest fire. He also suggested importance of the third-party independent monitoring of all the activities carried out under CAMPA. He also suggested for a strong monitoring mechanism on all activities taken up under site specific Wildlife Conservation Plans in the field. Regarding Soil and moisture conservation works inside forest areas, he asked to saturate protection and rejuvenation of all the nallahs originating inside the forests. He also expressed concern over the period required for full consumption of the available CAMPA funds with State Authority. Chief Secretary intervened and clarified that the CAMPA fund being a corpus, only the interest amount was being allowed by Government of India through the APOs prepared by the states. PCCF also added that the funds are being utilised as per the working plan prescription and based on the requirement of basic infrastructure in the field. The CEO, State Authority CAMPA replied that Third Party Evaluation of all APOs from 2009-10 to 2016-17 has already been carried out by M/S CTRAN and the report submitted to the National Authority. Further, M/S PwC has been engaged for Third Party independent evaluation of APOs for the years 2017-18, 2019-20 and 2020-21 and the work is in progress. Principal CCF (Wildlife) added that the verification of all activities under wildlife component is also under the purview of this study by M/S PwC. Moreover, National Authority has already engaged IIFM, Bhopal for independent verification of CAMPA activities in 4 states including Odisha.
5. The Principal Secretary, Panchayati Raj Department stated that in case of forestry activities under CAMPA, the convergence of MGNREGA funds towards wage payment would enhance the achievement of forest

nurseries, plantation and SMC activities under MGNREGA. He also stressed that the fruit bearing species which are beneficial for wild animals may be raised in sufficient numbers in all nurseries. The Special Secretary, Finance Department also supported the fact that the exotic species like Acacia spreading naturally and remaining on the forest floor will be hindrance for growth of indigenous species and should be removed. The Chief Secretary intervened and suggested that the forest nurseries are totally avoiding exotic species for planting out and taking steps to add more of fruit and fodder species for plantation. He also stated that the convergence of MGNREGA will be considered looking into the provisions of CAF Act and Rules after listening to the objection raised by the DDG, Integrated Regional Office, Bhubaneswar in this regard

6. The Deputy Director General, Integrated Regional Office (IRO) Bhubaneswar, suggested for restricting the river rejuvenation plantation to the forest areas in the riverside and not to use CAMPA funds for the plantation over other non-forest lands. He also raised objection on convergence of CAMPA funds with other schemes especially the MGNREGS as per the CAF Act.
7. Subsequently, detailed presentation agenda wise was made by the Chief Executive Officer, State Authority, CAMPA before the committee. It was informed that the APO 2021-22 was approved with financial outlay of Rs. 903.03 Crore for which the National Authority has approved the activities to the tune of Rs.901.03Crore. Out of this outlay, Rs.663.28 Crore has so far been released to the implementing Officers and all activities are in progress in the field. The progress of various plantation activities, Forest and Wildlife protection measures and creation of new infrastructures for frontline staff were discussed in detail.
8. The following changes under certain activities in APO 2021 -22 towards reappropriation of more funds required in respect of forest fire management especially in the maintenance of fire lines and towards relocation of villages from Satkosia and Debrigarh Wildlife Sanctuaries. The saving balance under the components of Ama Jungle Yojana and various components of Wildlife Management was proposed for re-appropriation before the Steering Committee as below.

(Rs. In Crores)

Sl	Savings after completion of project		Supplementary component proposed	
	Item	Amount	Item	Amount
1	Unspent balance under Ama Jungala Yojana (AJY)	5.54	Maintenance of Fireline over 20,000 KM	5.54
2	a. Implementation of Regional WL Management Plan Operation & Maintenance of Animal Rescue Center, Protection and Anti-depredation Activities	47.00	Relocation of villages from Satkosia and Debrigarh Wildlife Sanctuaries	47.00

9. Considering the urgency of the above two interventions proposed, the Steering Committee approved the proposal for reappropriation as suggested. Chairman however, suggested that the reappropriation of the supplementary components proposed would be kept ready for implementation after Panchayat elections.

10. Further, in his presentation, Chief Executive Officer CAMPA also informed the present fund position of state authority CAMPA and it was furnished as on 31st October, 2021 before the Committee as below:

Amount Received from National Authority after reconciliation up to 07.02.2019	5933.98Cr
Amount Deposited by User Agencies from 08.02.2019 to 31.03.2021 as reported by FD&Nodal Wing	(+)643.27Cr
TOTAL DEPOSIT (A)	6577.25Cr
Interest accrued from Loan to Govt. up to 11.10.2021	(+)198.39Cr
Interest accrued in ATB Investment up to 14.10.2021	(+)255.00Cr
TOTAL INTREST (B)	453.39Cr
GRAND TOTAL (A+B)	7030.64Cr
Amount Expenditure towards APO-2019-20	(-)421.08Cr
Amount Expenditure towards APO-2020-21	(-)675.45Cr
Amount Budgeted for APO 2021-22	(-) 903.03Cr
TOTAL EXPENDITURE	(-) 1999.55Cr
TOTAL FUND AVAILABLE	5031.08Cr

Out of the available balance, State Government has taken loan of Rs.2895.00 Cr. and the remaining money is invested in ATB.

11. Basing on the fund position as above, State Authority CAMPA in pursuant to the provision of Rule 39 of CAF Rule 2018 has formulated APO for the year 2022-23 with an outlay of Rs.1241.34 Crore which was suggested and approved by Executive Committee in its meeting held on 30.12.2021. The proposals of the APO for the year 2022-23 was presented in detail and was placed before the Steering Committee for consideration and approval. Abstract of outlay of APO 2022-23 presented before the Committee is as below.

Sl.No	Major Components	Financial Outlay <i>Rs. in Crore</i>
1	CA, PCA CATP & SSWLCP etc.	143.03
2	NPV (80% + 20%)	982.32
3	Utilization of Interest Money (60% + 40%)	115.99
	GRAND TOTAL:	1241.34

12. All the component activities proposed under the APO 2022-23 was explained in detail with the physical targets and proposed outlay in individual case. Major highlights have been described below.

New plantations under CA, PCA & CATP Activities are proposed in the APO under Section 6(a) of CAF Act 2016 considering all the schemes for the compensatory afforestation area pending for implementation. The detail of pendency was reflected in the table below:

The total area diverted up to September 2021	58,699.99 Ha
Stipulation of Comp.Affn. up to September 2021	78,913.38 Ha
Achievement up to September 2021	70,749.85 Ha
Balance Area to be covered	8163.53 Ha
Proposed area for Comp. Afforestation in APO2022-23	6130.82 Ha
Proposed area under CATP	132.51 Ha.

Hence, new plantations over an area of 6263.509 Ha (including area to be covered under CATP and other stipulations) with an outlay of Rs. 48.91 Crore is proposed in the APO 2022-23. Besides, maintenance of previous years' plantations under CA with financial outlay of Rs. 31.48 Crores is also proposed. The current year interventions in respect of 129 site-specific wildlife conservation plans have been proposed with an outlay of Rs.47.64 crores.

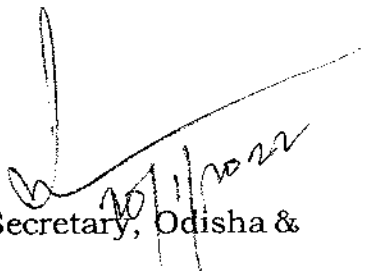
13. Among the activities under NPV 80% major was Plantation over a total area of 56,411 Ha excluding the area under bamboo plantation as suggested by the Chairman. VSS involvement is ensured under the implementation of Ama Jungle Yojana (AJY). For the intensive protection of Forests, steps are taken to ensure mobility of staff deep inside the forest and to improve their communication facilities for regular patrolling and for rapid action on emergency situations. Also, consolidation of forest block boundaries and proper demarcation in the field which is important in protection of forest land is ensured through digitization of the boundary of 13046.87Km² of Notified Forest area and 3965.17 Km² of deemed forest and revenue forests. Also, various measures for management of forest fire in the state are proposed with total financial outlay of Rs 39.62 Crore in the APO 2022-23. An area of 26,500Ha. of degraded forest Land of the State have been proposed to be treated under SMC with different interventions as per the DPR prepared for each forest blocks in saturation mode and an amount of Rs.92.75 Cr. has been estimated for the purpose. Improvement of Wildlife Habitat and Wildlife Care and Management of Biological Diversity and Biological Resource are other interventions proposed. For Relocation of Villages from Protected Areas, a financial Outlay of Rs 65.00 Crore has been kept.
14. Among the activities under 20% NPV category, Capacity Building training to the frontline staff of forest department is major activity along with development of basic infrastructure proposed to be built up for forest and wildlife management. Funds are also earmarked under this category for digitization and up-gradation of Forest IT facilities and for up gradation of permanent nurseries in the field. It is also proposed to ensure involvement of local youths in continuous monitoring against encroachment over forest land and unsustainable exploitation of the forest resources and such Forest Protection through community

involvement through local youths is another component included in APO.

15. Under the utilization of Interest money, the activity of raising and maintenance of 18-month-old seedlings in the permanent nurseries is major component to ensure availability of QPM for all plantations in the field. Under 40% of interest money category, the activity like administrative expenditure of the State Authority, State Capacity Building Center, establishment of CAMPA legal cell etc. has been proposed.

Accordingly, the detailed proposals under APO 2022-23 were placed before the Steering Committee for approval. After detailed discussion and deliberations among all the members as above, the Steering Committee approved the APO 2022-23 with a total financial outlay of Rs. 1241.34 Crores as per details attached in Annexure.2.

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


Chief Secretary, Odisha &
Chairperson, Steering Committee
State CAMPA, Odisha.

LIST OF PARTICIPANTS

The Development Commissioner – Cum – Addl. Chief Secretary
Planning & Convergence Department, Bhubaneswar

Addl. Chief Secretary
Forest, Environment & Climate Change Department, Bhubaneswar

Addl. Chief Secretary
Rural Development Department, Bhubaneswar

Principal Secretary
Finance Department, Bhubaneswar

Principal Secretary
Revenue & Disaster Management, Bhubaneswar

Principal Secretary to Govt. of Odisha
Pachayati Raj & Drinking Water Department, Bhubaneswar

Principal Secretary
Agriculture & Farmers Empowerment Department, Bhubaneswar

Principal Secretary
ST & SC Development Department, Bhubaneswar

Principal Secretary
Science & Technology Department, Bhubaneswar

Principal Chief Conservator of Forests & HoFF, Odisha

Principal Chief Conservator of Forests (Wildlife) & CWLW, Odisha

Principal Chief Conservator of Forests (FD & No, FC Act)

DDGF, Integrated Regional Office,
MoEF & CC, Govt. of India
Chandrasekharpur, Bhubaneswar

Member Secretary, State Forest Development Agency,
O/o PCCF & HoFF, Odisha

Shri Raj Kishore Das, Officer- on- Special Duty
ST & SC Development Department, Bhubaneswar

Chief Executive Officer, State Authority &
Member Secretary, Steering Committee, CAMPA

Activity wise Details of APO 2022-23

Sl No.	Act/Rule	Detail Activity	Unit	Physical Target	Unit cost (Rs in Lakhs)	Financial outlay (Rs in Crore)
CA,PCA,SZ, 1.5 SZ, SSWLP, RWLMP						
1	Sec. 6 (a)	New Plantation				
		AR	Ha	772.52	As per Project Proposal	
		ANR With Gap	Ha	3363.63		
		ANR without Gap	Ha	725.17		
		Bald Hill	Ha	1269.49		
		CATP				
		ANR With Gap	Ha	100		
		Other Stipulation				
		AR	Ha	14.35		
		ANR With Gap	Ha	18.34		
		Tall tree plantation	Nos	13250		
		Total New Plantation	Ha	6263.509		48.91
		Maintenance of Plantation & PO Work				
		AR	Ha	1371.26	As per Project Proposal	
		ANR	Ha	18248.27		
		ANR (WG)	Ha	555.75		
		Bald Hill	Ha	1607.7		
		Tree Plantations against tree removed	Nos	6130		
		Avenue Plantation	RKM	71.656		
		Canal Bank Plantation	Nos	51681		
PO Work for 2023-24	Ha	4000				
Total Maintenance of Plantation & PO Work	Ha	21782.98	71.656 RKM	31.48		
Total CA,PCA,SZ, 1.5 SZ, CATP Etc				80.39		
2		Site Specific WL Management	Nos	129		47.64
3		Implementation of Regional Wildlife Management Plan (RWLMP)	LS			15.00
Total CA,PCA,SZ, 1.5 SZ, CATP, SSWLP, RWLMP						143.03
(80% NPV)						
Plantation (Creation)						
1	Rule 5(2)(a)	ANR Plantation (0th + 1st Year)				
		Vanya Silk @500 plant/ha	Ha	1877	0.62876	11.80
		Fodder and Fruits @500 plant/ha	Ha	2760	0.62876	17.35
		RET/Medicinal @200 plant/ha	Ha	2452	0.31284	7.67
		Other Indigenous Misc @200 plant/ha	Ha	44998	0.31284	140.77
		Total ANR		52087		177.60
2	Rule 5(2)(b)	AR Plantation (0th + 1st Year)				
		Economic (Timber/High value Species except Teak) @1600 plant/ha	Ha	200	2.05526	4.11
		Other Indigenous Species @1600 plant/ha	Ha	1204	2.05526	24.75
		Other Indigenous Species @1000 plant/ha	Ha	1050	1.45077	15.23
		Phasi @1600 plant/ha	Ha	85	2.05526	1.75
		River Rejuvenation Plantation@1600 plant/ha	Ha	85	2.05526	1.75
		Baldhill @1600 plant/ha	Ha	1020	3.15386	32.17
		Casuarina (in protected area only) @2500 plant/ha	Ha	452	1.77238	8.01
		Mangrove @2500 plant/ha	Ha	8	0.94027	0.08
		Mangrove (Hypocotyle) @4445 plant/ha	Ha	155	0.3592	0.56
		Miyawaki Plantation @8000 Plant/ha	Ha	5	39.122	1.96
		Fodder and Fruits @1600 plant/ha (1st year only)	Ha	60	1.74698	1.05
				Total AR Plantation	4324	
		Total Plantation (Creation)	56411		269.00	
Maintenance of Plantation						
2nd Year Maintenance						
		ANR @200 plant/ha	Ha	35515	0.08094	28.75
		AR @1600 plant/ha	Ha	1490	0.4239	6.32
		Bald Hill @1600 plant/ha	Ha	1326	0.52475	6.96
		Bamboo @400 plant/ha	Ha	1370	0.25706	3.52
		Miyawaki @8000 plant/ha	Ha	13	9.23854	1.20
		Fodder & Fruit @1600 plant/ha	Ha	105	0.4239	0.45
		Casuarina @2500 plant/ha	Ha	46.1	0.72265	0.33
		Conservation of RET Species (With Gap) @200 plant/ha	Ha	130	0.08094	0.11
		Conservation of RET Species (without Gap)	Ha	70	0.0554	0.04

Sl No.	Act/Rule	Detail Activity	Unit	Physical Target	Unit cost	Financial outlay	
					(Rs in Lakhs)	(Rs in Crore)	
3	Rule 5(2)(a)(b)	3rd year Maintenance					
		ANR @200 plant/ha	Ha	39900	0.06776	27.04	
		AR @1600 plant/ha	Ha	1500	0.27144	4.07	
		Bald Hill @1600 plant/ha	Ha	875	0.24542	2.15	
		Bamboo @400 plant/ha	Ha	770	0.17388	1.34	
		Fodder & Fruit @1600 plant/ha	Ha	385	0.27144	1.05	
		Fodder & Fruit (Urban Mode)@1600 plant/ha	Ha	62.5	1.11398	0.70	
		Miyawaki @8000 plant/ha	Ha	4	4.29209	0.17	
		Conservation of RET Species (With Gap) @200 plant/ha	Ha	85	0.06776	0.06	
		Conservation of RET Species (without Gap)	Ha	799	0.02961	0.24	
		4th year Maintenance					
		ANR @200 plant/ha	Ha	20100	0.0486	9.77	
		AR @1600 plant/ha	Ha	2000	0.06984	1.40	
		Avenue Plantation @250 Plant/RKM	K.M.	76	0.2646	0.20	
		Total Maintenance (2nd +3rd +4th year)			106545.60 ha + 76 RKM		95.83
Total Plantation (Creation+ Maintenance)					364.83		
4	Rule 5(2)(a)(b)(g)	Ama Jangala Yojana				0.00	
		Ama Jangala Yojana Phase-II (New Plantation) (Proposed)	Ha	25000		30.70	
		Ama Jangala Yojana Phase-I (Maintenance of old Plantation)	Ha	95837		38.30	
Total Ama Jangala Yojana					69.00		
5	Rule 5(2)(c)	Silvicultural Operation of Bamboo	Ha	88520	0.0252	22.31	
		Maintenace of Compartment /Coupe boundary for Silvicultural Working of Forests as per Working Plan Prescription	LS			4.00	
		Silvicultural Operation & maintenance of research garden	LS			2.00	
Total Silvicultural Operation					28.31		
6	Rule 5(2)(d)	Protection					
		Protection of Forest through consolidation by Geo Referencing of Notified Forest Block 13046.87 Sqkm and 3965.17 sqKm of Revenue and Deemed forest Area	LS			30.00	
		Protection of Forest through provisioning of mobility by hired vehicle (whole the year)	Nos	316	5.16	16.31	
Total Protection					46.31		
7	Rule 5(2)(f)	Forest Fire Prevention and control Operations					
		Fire Protection Rapid response teams involving community youth with hired vehicle for Fire Protection	No.	213	6.825	14.54	
		Creation and Maintenance of fire line	KM	19500	0.0315	6.14	
		Procurement of Fire Blower including fuel and other accessories	Nos	306	0.65	1.99	
		Logistic support for fire squads	LS	213	0.85	1.81	
		Training on Forest Fire to the frontline Forest Staff	Nos	283	0.1	0.28	
		Awareness Campaign in the ranges	Nos	283	0.5	1.42	
		Fire Watch Tower	No.	10	20	2.00	
Total Fire Prevention and Control Operations					28.18		
8	Rule 5(2)(g)	Soil and Moisture Conservation in Forest area	Ha	26500	0.35	92.75	
9	Rule 5(2)(m)	Management of biological diversity and biological resource					
		Management of biological diversity and biological resources				0.50	
		Promoting conservation, sustainable use.....chronicling of biological diversity				2.50	
Management of biological diversity					3.00		
Total NPV 80%(General)					632.37		
WildLife Management							
10	Rule 5(2)(d)	Protection under Wildlife Management				15.75	
11	Rule 5(2)(f)	Fire and Prevention under Wildlife Management				11.44	
12	Rule 5(2)(i)	Augmentation of food and water resources:				11.03	
		Monitoring assessment and protection of wildlife habitat				19.45	
		Habitat Management				9.00	
		Management of Special Habitats				3.62	
Total Wildlife Habiitat Management					43.10		
13	Rule 5(2)(f)	Corridor Management				0.63	
14	Rule 5(2)(k)	Establishment, operation and maintenance of animal rescue centre and veterinary treatment facilities for wild animals				14.00	
15	Rule 5(2)(m)	Biodiversity assessment in Protected Areas.				17.91	
16	Rule 5(2)(h)	Relocation of Villages in Protected Areas	LS			65.00	
Total WildLife Management (NPV 80%)					167.83		
80 % NPV (Gen+WL)					800.20		

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Sl No.	Act/Rule	Detail Activity	Unit	Physical Target	Financial outlay	
					Unit cost (Rs in Lakhs)	(Rs in Crore)
20% NPV						
17	Rule 5(3)	Capacity Building of frontline forest Staff and other stake holders	LS			2.00
18	Rule 5(3)(a)	Improvement of Permanent Nursery including creation of Vermicompost unit	Nos	600	1.5	9.00
19	Rule 5(3)(c)	Up-gradation of Communication and information Technology, Geo-ICT facility based Server infrastructure, maintenance and procurement of IT Equipment and devices	LS			17.34
20	Rule 5(3) (d)	Construction & maintenance of Forest Roads /Path etc.				
		Maintenance of Forest Road	K.M.	1000	0.69	6.90
		Culvert	Nos	129	1.53	1.97
		Cause Way	Nos	406	1.06	4.30
		Sub Total (General)				
21	Rule 5(3) (e)	Construction of Residential /Office Building for frontline staff etc.				
		Range Office	Nos	11	31.65	3.48
		Range Officer Residence	Nos	13	24.521	3.19
		Forester Qtrs	Nos	90	20.389	18.35
		Forest Guard Qtrs	Nos	258	16.29	42.03
		Seizure Yard	Nos	31	12	3.72
		Spill over Work for APO 2021-22	LS			7.00
Total Construction of Residential....					77.77	
22	Rule 5(3) (f)	Casual Engagement of Local youth to assist regular staff of state forest department for works for protection of forest and wildlife undertaken from State Fund (10 person each in 227 units for whole year)	Nos	227	15.87	36.02
23	Rule 5(3) (g)	Survey & Mapping of Forest Areas to create Land Bank for Compensatory Afforestation	LS			2.00
24	Rule 5(3) (h)	Monitoring & Evaluation	LS			4.50
25	Rule 5(3) (i)	Publicity Awareness(Forest Museum at Bonanical Garden, Nandanknan/Facilitation Center)	LS			5.00
Total NPV 20% (General)						166.81
WildLife Management						
26	Rule 5(3) (c)	Equipment/Devices for Communication & IT				3.50
27	Rule 5(3) (d)	Construction & maintenance of Forest Roads /Path etc.				9.82
28	Rule 5(3) (i)	Publicity, Awareness etc. in PA's and Wildlife rich areas	Nos	1000	0.2	2.00
20 % NPV (WL)						15.32
20% NPV (Gen+WL)						182.12
Total (80% + 20%) NPV						982.33
Utilization of Interest Money						
60 % of Interest Money						
29	Rule 6(a)	Escalation of program cost due to revision of wage rate	LS			4.50
30	Rule 6(a) (vi)	Maintenance of 18 months seedling to be planted during 2022-23 (3 months)	Nos	2 Cr	0.0000598	11.96
		Maintenance of 18 months seedling to be planted during 2023-24 (12 months)	Nos	2.50 Cr	0.0003461	86.53
Total maintenance Raising Seedlings...						98.49
Total 60 % of interest funds						102.99
40 % of Interest Money						
31	Rule 6(b) (i)	Management of office establishment of State Authority	LS			6.00
32	Rule 6(b) (vi)	State Capacity Building center	LS			5.00
		Charges for consumption of internet data towards collection, maintenance and updating of OFMS web Portal by the field functionaries for 51 Forest Divisions	LS			2.00
Total 40% of interest funds						13.00
Total Interest (60% +40%)						115.99
Grand Total (80% + 20%) NPV + CA+ SSWL+ interest						1241.34

Division Wise Physical Target & Financial outlay for CA PCA, under Back-log CA, other stipulation, CATP etc. under CAMPA APO 2022-23

Sl. no	Name of Division	Block 1000 plant/Ha.		Block 1600 plant/Ha.		ANR 200 Plant./Ha		ANR 400Plant./Ha		ANR 600 Plant./Ha		ANR 800 Plant./Ha		ANR 1000 Plant./Ha		Bald hill 1600 Plant. /ha without fencing		Urban Plantation No of Sappling		ANR without Gap Plantation/ Ha		Total			
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin		
1	Athamalik	47.558	11.20	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	0.00	0.00	0.00	0.00	0.00	0.00	47.56	11.20
2	Dhenkanal	37	16.63	0.79	0.34	486.46	110.83	267.23	81.70	70.00	26.86	32.25	14.87	0.00	0.00	115.01	107.47	1500.00	3.25	57.84	8.43	2566.58	370.39		
3	Cuttack	0	0.00	95.19	49.66	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.79	6.41	100.00	0.22	0.00	0.00	201.97	56.28		
4	Angul	0	0.00	1.36	0.44	4.74	1.08	0.00	0.00	2.77	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.86	2.58	
5	Kalahandi South	2.409	0.57	0.00	0.00	200.00	46.11	132.00	40.36	0.00	0.00	0.00	0.00	0.00	0.00	1101.93	1039.04	1160.00	2.51	212.33	31.27	2808.67	1159.85		
6	Rourkela	0	0.00	8.22	2.65	0.02	0.005	508.56	155.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	516.80	158.14	
7	Sundargarh	0	0.00	38.21	12.32	0.00	0	0.00	0.00	0.00	0.00	25.00	11.53	0.00	0.00	5.01	4.68	0.00	0.00	0.00	0.00	68.22	28.54		
8	Keonjhar	120.84	28.45	10.49	3.38	494.39	113.84	193.93	59.94	0.00	0.00	231.55	106.81	0.00	0.00	40.76	29.44	600.00	1.30	265.00	38.60	1956.96	381.77		
9	Sambalpur	0	0.00	1.52	0.49	0.00	0	534.08	239.08	51.00	19.57	107.00	49.36	0.00	0.00	0.00	0.00	0.00	0.00	190.00	27.68	883.60	336.17		
10	Jharsuguda	278.48	65.57	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	6.00	2.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	284.48	68.34		
11	Baripada	0	0.00	0.00	0.00	0.00	0	35.00	10.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.00	10.70		
12	Jeypore	0	0.00	6.67	2.15	0.00	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	6.67	2.15		
13	Rajnagar(WL)	0	0.00	63.12	42.14	0.00	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	63.12	42.14		
14	Athagarh	0	0.00	21.62	11.71	0.00	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	21.62	11.71		
15	Chandaka WL	0	0.00	4.50	2.44	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.22	0.00	0.00	104.50	2.65		
16	Rairangpur	0	0.00	40.78	22.09	0.00	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	40.78	22.09		
17	Keonjhar WL	0	0.00	2.00	1.08	0.00	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	2.00	1.08		
18	Koraput	0	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	6490.00	14.05	0.00	0.00	6490.00	14.05		
19	Bonai	4.18	0.98	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	2700.00	5.84	0.00	0.00	2704.18	6.83		
20	Rayagada	0	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	600.00	1.30	0.00	0.00	600.00	1.30		
21	Khariar	0	0.00	1.95	1.06	0.00	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	1.95	1.06		
	Total	490.47	123.40	296.41	151.95	1185.61	271.87	1670.80	587.27	123.77	47.50	401.80	185.34	0.00	0.00	1269.50	1187.04	13250.00	28.68	725.17	105.97	19413.51	2689.01		
CATP- Jharsuguda Division ANR Gap @200 Plant. 100 Ha and Other activities, Sambalpur, Jeypore Division -																							118.113		
Other activities under Other Stipulation																							41.338		
Other Ancillary activities for CA and Backlog																							2042.542		
Grand Total-																							4891.00		

Compensatory Afforestation to be taken up during 2022-23

SI No	Name of the Division	Name of the Project	Component	AR	ANR	ANR without Gap	Bald Hill	Total Area in Ha	Amount required for First Year Planting to be taken up during 2022-23 @ Rs 311/- MD							Remarks		
									Block 1600 without Fencing @ 32251.59	Block 1000 without Fencing @ 23545.20	ANR 200 @ 22783.53	ANR 400 @30574.11	ANR 600 @38374.14	ANR 800 @ 46127.97	ANR without Gap @ 14566.65		Bald hill without Fencing @ 93445.59	Total in Rs.
1	Athmallik	Diversion of 54.399 ha forest land including 6.841 ha SZ within total lease area of 70.917 ha in San-indupur Iron & Mn mines of M/s Natioanal Enterprises	CA	47.558				47.558	0	1119763							1119762.622	AR 1000 without fencing
		Total Athmallik Division		47.558	0	0	0	47.558	0	1119762.622	0	0	0	0	0	0	1119762.622	
2	Dhenkanal	Diversion of 2.091 ha forest land for construction of oil depot for storage of petroleum product by Bharat Petroleum Corporation Ltd.	CA		5.80			5.80									267542.226	ANR with 800 Plants
3	Dhenkanal	Diversion of 176.231 ha forest land for rehabilitation and upgradation of Talcher-Duburi-Chandikhol section of NH-23/200	CA		352.462			352.462			8030328.55						8030328.551	ANR 200
			ACA		267.229			267.229			8170288.84						8170288.841	ANR 400
4	Dhenkanal	Diversion of 66.783 ha forest land for rehabilitation and upgradation of Cuttack-Angul section of NH-42 (now NH-55)	CA		134.00			134.00			3052993.02						3052993.02	ANR 200
			ACA		70.00			70.00				2686189.8					2686189.8	ANR 600
5	Dhenkanal	Diversion of 38.098 ha forest land for construction of 3x800 MW Thermal Power Plant, Kamakhyanagar by OTPCL	CA				12.013	12.013								1122561.87	1122561.873	Bald Hill 1600 without fencing
					26.445			26.445						1219854.17			1219854.167	ANR 800
6	Dhenkanal	Diversion of 0.378 ha forest land for construction of 400 KV Talcher-Meramunduli DC transmission line by M/s PGCIL	No CA stipulation					0								0	0	
7	Dhenkanal	Diversion of 18.131 ha forest land for construction of 3rd & 4th line of Jarapada-Budhapanka Railway line	CA	37.00				37.00		1662857.70							1662857.7	AR 1000 with Fencing @ 44942.10 per ha
8	Dhenkanal	Diversion of 360.01 ha forest land in Katamati Iron Mines of M/s Tata Steel	CA				103.00	103.00								9624895.77	9624895.77	Bald hill 1600 without fencing

		Ltd.			57.8381		57.8381							842507.36		842507.3594	ANR without agp	
		Total Dhenkanal Division		37	855.936	57.8381	115.013	1065.7871	0	1662857.7	11083321.6	8170288.84	2686189.8	1487396.39	842507.36	10747457.6	36680019.31	
9	Cuttack	Diversion of 0.9712 ha forest land for construction of IP station to proposed underground natural gas pipeline along with optical fibre cable by GAIL India Ltd	No CA stipulation	0				0									0	
10	Cuttack	Diversion of 8.114 ha of forest land for construction of Railway line & siding at village Mantira and Rabana by IDCo for M/s Emami Cement	CA	8.70				8.70	280588.83								280588.833	Block 1600 without fencing
		Total Cuttack Division		8.7	0	0	0	8.70	280588.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	280588.8	
11	Angul	Diversion of 0.943 ha forest land for construction of diversion portion of HDVC Earth Electrode Transmission line from LOC 37 to 40 by PGCIL	No CA stipulation	0				0									0	
12	Angul	Diversion of 1.3841 ha forest land for construction of diversion portion of 400 KV Talcher- Meramunduli DS transmission line by PGCIL	CA		2.7682			2.7682					106227.29				106227.2943	ANR 600
13	Angul	Diversion of 1.214 ha forest land for establishment of Stone Quarry at village Khindo for use of its yield in widening and strengthening of NH-53 by Tahasildar	CA	1.214				1.214	39153.43								39153.43026	Block 1600 without fencing
		Total Angul Division		1.214	2.7682	0	0	3.9822	39153.43	0	0	0	106227.29	0	0	0	145380.7246	
14	Kalahandi South	Diversion of 26.244 ha revenue forest land located inside Lanjigarh Aluminium Refinery Complex for maintaining it as green belt by M/s Vedanta Aluminium Ltd.	CA	0			26.244	26.244							2650928.48		2650928.485	Bald Hill with Fencing @ 101010.84
			PCA		132.00			132.00				4035782.52					4035782.52	ANR 400 Plants

15	Kalahandi South	Diversion of 68.00 ha in Unchabali Iron Mines of M/s OMC Ltd.	CA	2.409		3.9514	61.64	68.00		56720.39				57558.661	5759986.17	5874265.215	Bald Hill without Fencing 61.64 ha,Block 1000 without fencing 2.409 ha and ANR without Gap 3.9514 ha		
16	Kalahandi South	Diversion of 106.016 ha (diversion of 103.198 ha and change in land use pattern of 2.818 ha) in Rebena RF for installation of mechanized facilities by M/s OMC Ltd.	CA				86.185	86.185							8053608.17	8053608.174	Bald Hill without Fencing		
						19.831		19.831						288871.24		288871.2362	ANR without Gap		
		Total Kalahandi South Division		2.409	132	23.7824	174.069	332.26	0	56720.3868	0	4035782.52	0	0	346429.9	16464522.8	20903455.63		
17	Rourkela	Diversion of 134.666 ha forest land for rehabilitation and upgradation of Biramitrapur- Barkote section of NH-23	CA	0	137.00			137.00				4188653.07					4188653.07	ANR 400 Plants	
			CA			203.284			203.284				6215227.38					6215227.377	ANR 400 Plants
18	Rourkela	Diversion of 67.309 ha forest land for rehabilitation and upgradation of Baharagora - Singara Section of NH-6.	CA		168.272			168.272				5144766.64					5144766.638	ANR 400 Plants	
		Total Rourkela Division		0	508.556	0	0	508.56	0.00	0.00	0.00	15548647.09	0.00	0.00	0.00	0.00	15548647.09		
19	Sundargarh	Diversion of unbroken 59.606 ha forest land for mining and ancillary activities in Sanindipur Iron and Bauxite mines of M/s Rungta Sons(P) Ltd.	CA	8.917				8.917	287587.43								287587.428	Block 1600 without fencing	
						25			25						1153199.25			1153199.25	ANR 800
			CA	24.272					24.272	782810.59								782810.5925	Block 1600 without fencing
20	Sundargarh	Diversion of 3.93 ha forest land out of total project area of 158.418 ha for expansion Kamando Steel Plant by M/s Rungta Mines Ltd.	CA				5.01	5.01							468162.406	468162.4059	Bald hill 1600 without fencing		

21	Sundargarh	Diversion of 35.507 ha forest land for construction of 132 KV transmission line from 132/33 KV OPTCL grid station at Barbil to Kanando Steel Plant by M/s Rungta Mines Ltd.	CA	5.02				5.02	161902.98								161902.9818	Block 1600 without fencing	
		Total Sundargarh Division		38.209	25	0	5.01	68.219	1232301	0	0	0	0	1153199.25	0	468162.406	2853662.658		
22	Keonjhar	Diversion of 120.838 ha forest land under section 2(ii) and for approval of 126.401 ha under section 2(iii) of FC Act,1980 in Ghoraburhani- Segasahi Iron Mines by M/s Essar Steel India Ltd,now M/s Arcelor Mittal Nippon India Ltd.	CA	120.838				120.838		2845154.878							2845154.878	Block 1000 without fencing	
23	Keonjhar	Diversion of 35.507 ha forest land for construction of 132 KV transmission line from 132/33 KV OPTCL grid station at Barbil to Kanando Steel Plant by M/s Rungta Mines Ltd.	CA				32.261	32.261							2149713.03		2149713.025	Bald Hill 1000 without fencing@ 66635.04	
24	Keonjhar	Diversion of 21.52 ha forest land in Bagiaburu Iron Mines of M/s OMDC Ltd.	CA	2.45				2.45	79016.396								79016.3955	Block 1600 without fencing	
			PCA		43.04			43.04			980603.131							980603.1312	ANR 200
25	Keonjhar	Diversion of 360.01 ha forest land in Katamati Iron Mines of M/s Tata Steel Ltd.	CA				8.50	8.50							794287.515		794287.515	Bald Hill 1600 without fencing	
					25.50			25.50						1176263.24			1176263.235	ANR 800	
			CA		7.793			7.793				238264.039						238264.0392	ANR 400
						158.00			158.00							2301530.7			2301530.7
			ACA		206.054			206.054						9504852.73			9504852.73	ANR 800	
		Total Keonjhar Division		123.288	282.387	158	40.761	604.436	79016.396	2845154.878	980603.131	238264.039	0	10681116	2301530.7	2944000.54	20069685.65		

26	Bonai	Diversion of 54.399 ha forest land including 6.841 ha SZ within total lease area of 70.917 ha in Sandupur Iron & Mn mines of M/s Natioanal Enterprises	CA in Athmallik Division	0					0									0	
		Total Bonai Division		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	Sambalpur	Diversion of 109.082 ha forest land for rehabilitation and upgradation of Angul-Sambalpur section of NH-42 (now NH-55)	CA	0	51.00			51.00					1957081.1					1957081.14	ANR 600
						71.00		71.00							1034232.2			1034232.15	ANR without Gap
			CA		107.00			107.00					4935692.79					4935692.79	ANR 800
						119.00		119.00							1733431.4			1733431.35	ANR without Gap
		Total Sambalpur Division		0	158	190	0	348.00	0.00	0.00	0.00	0.00	1957081.14	4935692.79	2767663.50	0.00	0.00	9660437.43	
28	Jharsuguda	Diversion of Addl. 230.20 ha forest land in Samaleswari OCP expansion (Phase-IV) of M/s MCL Limited	CA	278.48				278.48		6556867.296								6556867.296	Block 1000 without fencing
		Total Jharsuguda Division		278.48	0	0	0	278.48	0	6556867.296	0	0	0	0	0	0	0	6556867.296	
29	Baripada	Diversion of 13.856 ha of forest land for rehabilitation and upgradation of Jharpokhoria-Baripada-Balasore Section of NH-5	CA	0	35.00			35.00				1070093.85						1070093.85	ANR 400
		Total Baripada Division		0	35	0	0	35.00	0.00	0.00	0.00	1070093.85	0.00	0.00	0.00	0.00	0.00	1070093.85	
30	Jeypore	Diversion of 4.902 ha forest land for setting up of 25MW Saheed Lakhani Nayak SHEP at Tentuligumma by M/s Meenakhi Odisha Pvt. Ltd.	CA	5.06				5.06	163193.05									163193.0454	Block 1600 without fencing
		Total Jeypore Division		5.06	0	0	0	5.06	163193.05	0	0	0	0	0	0	0	0	163193.0454	

31	Rajnagar WL	Diversion of 11.79 ha in village Abhaaaaayachandrapur, Kansaripatia and Nua-Sandhakud for construction of Surge Protection Wall by Paradeep Port Trust.	CA	12.00				12.00	763925.4								763925.4	Mangrove with 4445 potted seedling @ 63660.45 per ha
			PCA	13.12				13.12	1001315.5									1001315.514
		Total Rajnagar WL Division		25.12	0.00	0.00	0.00	25.12	1765240.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1765240.91	
32	Chandaka WL	Diversion of 0.307 ha DLC forest land for construction of Link Road to M/s Page Industry by M/s IDCO.	No CA stipulation	0				0									0	
		Total Chandaka WL Division		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Grand Total		567.038	1999.647	429.621	334.853	3331.1583	3559493.62	12241362.88	12063924.70	29063076.34	4749498.23	18257404.40	6258131.46	30624143.42	116817035.04	

Left Over CA to be taken up during 2022-23

SI No	Name of the Division	Name of the Project	Component	AR	ANR	ANR without Gap	Bald Hill	Total Area in Ha	Amount required for First Year Planting to be taken up during 2022-23 @ Rs 311/- MD					Remarks
									Block 1600 without Fencing @ 32251.59	ANR 400 @30574.11	ANR without Gap @ 14566.65	Bald hill without Fencing @ 93445.59	Total	
1	Sambalpur	Diversion of 17.908 ha of forest land for expansion of existing Integrated Steel Plant by M/s SMC Power	CA	1.521				1.521	49054.67		0.00	0.00	49054.67	
2	Sambalpur	Diversion of 1038.187 ha forest land including 4.051 ha Safety Zone within the leasehold area of 1914.063 ha for Open Cast Mining Project of M/s Neyveli Lignite Corporation (NLC) India Ltd. (Earlier M/s MNH Shakti Ltd.)	CA	0	234.23			234.23	0.00	11927577.18	0.00	0.00	11927577.18	ANR 1000 Plant @ 50922.50 per ha as per approved scheme.
					180.829			180.829		8341274.69				ANR 800 @ 46127.97
					119.022			119.022		3638991.72				ANR 400 plants
3	Kalahandi South	Diversion of balance 1177.211 ha forest land including 25.1070 ha Safety Zone in addition to 232.438 ha forest land already diverted within the total ML area of	CA				194.7275	194.7275				18196426.13	18196426.13	
4	Kalahandi South	Diversion of 806.153 ha forest land including 16.601 ha for SZ in total ML area of 874.29 ha for iron ore mining in Sundargarh & Keonjhar district ny M/s Neelachal Ispat Nigam Ltd.	CA					0					0.00	
5	Rourkela	Diversion of 28.324 ha forest land (including 2.685 ha SZ) in village Kusumdihi and Kamando Mn Mines by M/s OMM (P) Ltd.during 3rd	CA	8.217				8.217	265011.32				265011.32	
6	Keonjhar	Thakurani Iron Mines of M/s Kaypee Enterprises Pvt. Ltd.	CA			107.000		107.000			1558631.55		1558631.55	
		Total		9.738	534.081	107.00	194.7275	845.5465	314065.98	23907843.58	1558631.55	18196426.13	31996700.84	

CATP To be carried out during 2022-23 as per approved scheme

SI No	Name of the Division	Name of the Project	Component	Amount in Rs.
1	Jharsuguda	Diversion of Addl. 230.20 ha forest land in Samaleswari OCP expansion (Phase-IV) of M/s MCL Limited	ANR 100 ha @ 200 Plants per ha @ 22783.53	2278353
			Incentive to VSS	100000
			Lemon Grass Plantation	252000
			Distribution of fruit bearing plants	437500
			Sub-surface seepage control puddle clay structure	481882
			Sub-surface seepage control concrete structure	1435728
			ToTal	4985463
2	Jharsuguda	Diversion of 1038.187 ha forest land including 4.051 ha Safety Zone within the leasehold area of 1914.063 ha for Open Cast Coal Mining Project of M/s Neyveli Lignite Corporation (NLC) India Ltd. (Earlier M/s MNH Shakti Ltd.)	Agro Forestry 2500 no	450000
			Plantation of Bena 105 RKM	15750
			Training of Farmer 2 Nos	60000
			Contour bonding 6 RKM	468000
			Staggered Trench 2.40 lakh	240000
			Grassland development 20 ha	200000
			Treatment of Nalla/Revulets 2 No	250000
			SMC 100 ha	448600
			Treatment of Nalla/River bank 2 No	463000
			Total	2595350
3	Sambalpur	Diversion of 1038.187 ha forest land including 4.051	Agro Forestry 1500 no	270000

		ha Safety Zone within the leasehold area of 1914.063 ha for Open Cast Coal Mining Project of M/s Neyveli Lignite Corporation (NLC) India Ltd. (Earlier M/s MNH Shakti Ltd.)	Plantation of Bena 75 RKM	11250
			Training of Farmer 1 No	30000
			Contour bonding 5 RKM	390000
			Staggered Trench 2.00 lakh	200000
			Grassland development 10 ha	100000
			Treatment of Nalla/Revulets 100 ha	275000
			SMC 100 ha	448600
			Matawadi Nadi 1 No	1433000
			Total	3157850
4	Jeypore	Diversion of 4.902 ha forest land for setting up of 25MW Saheed Lakhan Nayak SHEP at Tentuligumma by M/s Meenakhi Odisha Pvt. Ltd.	AR 1600 plants without fencing @ 32251.59	161257.95
			AR 1600 plants without fencing @ 32251.59	911341.2
			Total	1072599.15
			Grand Total	11811262.15

Plantation of Tall Trees in lieu of permission granted for exploration to be taken up during 2022-23

SI No	Division	Name of the Project	Component	AR	Tall Tree Plantation in No	Block 1600 without Fencing @ 32251.59	ANR 200 @ 22783.53	ANR 800 @ 46127.97	Urban plantation 1000 plants @ 216444.90	Other Stipulation		Total	
										Item	Amount (in Rs)		
1	Kalahandi South	Permission for exploration over 2.9842 ha land out of total 1129.236 ha in Keluamali Bauxite Block by OMECL	Tall tree plantation 1160 Nos	0	1160	0			251076.08			251076.084	
										Bamboo twig continuous Fening 530 Rmt @ 117.10	62063	62063	
										Barbed wire Fencing 450 mtr as per scheme	135000	135000	
										EPA	189706	189706	
2	Jeypore	Permission for exploration over 4.4005 ha land out of total 432.200 ha in Tarhapani West Bauxite Block by OMECL	Tall tree plantation in AR mode	1.61		51925.06						51925.0599	
										Vegetative Fencing	27589	27589	
										Staggered Trench	2344	2344	
										Percolation Pit	4669	4669	
										LBCD	33632	33632	
										EPA	21233	21233	
3	Koraput	Permission for exploration over 7.389 ha land out of total 906.02 ha in Karnapodikonda Bauxite Block by OMECL	Tall tree plantation 6490 Nos		6490				1404727.4			1404727.4	
										Barbed wire Fencing 1.073 rmt @ 648720	696076.56	696076.56	
										EPA	989236.88	989236.88	
4	Bonai	Diversion of 12.775 ha forest land for prospecting of minerals in Mankadnacha Iron Block by Directorate of Geology	Tall tree plantation 2700 Nos		2700				584401.23			584401.23	
										Bamboo Gabion @ Rs. 272/- per plant	734400	734400	
										EPA	512223	512223	
	Keonjhar		Tall tree plantation 600 Nos		600					129866.94			129866.94
											Bamboo twig continuous Fening 473 Rmt @ 117.10	55388.30	55388.30
											EPA	95563.53	95563.53
5	Rayagada	Permission for exploration over 2.659 ha land out of total 428.20 ha in Nunpaimali Bauxite Block by OMECL	Tall tree plantation 600 Nos		600				129866.94			129866.94	
										Barbed wire Fencing 365 Rmt @ 648720	236782.80	236782.8	
										EPA	117744	117744	
Total				1.61	11550	51925.06	0	0	2499938.6	0	3913651.1	6465514.72	

Other Stipulations to be taken up during 2022-23

SI No	Name of the Division	Name of the Project	Component	AR (in ha)	ANR (in ha)	Total Area in Ha	Tall Tree Plantation in No	Amount required for First Year Planting to be taken up during 2022-23 @ Rs 311/- MD						Other Activities			Type				
								Block 1600 without Fencing @ 32251.59	Block 1000 without Fencing @ 23545.20	ANR 200 @ 22783.53	ANR 400 @30574.11	ANR 600 @38374.14	ANR 800 @ 46127.97	Urban plantation 1000 plants @ 216444.90	Item	Amount in Rs		Total			
1	Bonai	Diversion of 54.399 ha forest land including 6.841 ha SZ within total lease area of 70.917 ha in San-indupur Iron & Mn mines of M/s Natioanal Enterprises	Enrichment Plantation	4.18		4.18		0	98418.94					0			98418.936	AR with 1000 Plant			
															Clearance of weed 5 MD per Ha	6499.90	6499.9				
															Staggered Trench	184338.00	184338				
															EPA	284420.00	284420				
															Special Plantation Watcher 1 No	111960.00	111960				
2	Cuttack	Diversion of 0.9712 ha forest land for construction of IP station to proposed underground natural gas pipeline along with optical fibre cable by GAIL India Ltd.	Tall tree plantation				100						21644.49			21644.49					
3	Chandaka WL	Diversion of 0.307 ha DLC forest land for construction of Link Road to M/s Page Industry by M/s IDCO.	Tall tree plantation				100						21644.49			21644.49					
														Gabion @ Rs 1600/- per plant	160000	160000					
4	Dhenkanal	Diversion of 0.378 ha forest land for construction of 400 KV Talcher-Meramunduli DC transmission line by M/s PGCIL	Tall tree plantation	0.378		0.378	1500						324667.35			324667.35					
														Gabion @ Rs 272 /- per plant	408000	408000					
			Dwarf tree plantation							12191.10										12191.101	AR with 1600 Plan
																	Staggered Trench	35778.00	35778		
												49398.25	49398.25	Cost @ 81.65 per plant for 605 plant							
5	Jharsuguda	Diversion of Addl. 230.20 ha forest land	1.5 SZ		6.00	6.00							276767.82			276767.82	ANR 800 Plants				

SI No	Name of the Division	Name of the Project	Component	AR (in ha)	ANR (in ha)	Total Area in Ha	Tall Tree Plantation in No	Amount required for First Year Planting to be taken up during 2022-23 @ Rs 311/- MD							Other Activities		Total	Type
								Block 1600 without Fencing @ 32251.59	Block 1000 without Fencing @ 23545.20	ANR 200 @ 22783.53	ANR 400 @ 30574.11	ANR 600 @ 38374.14	ANR 800 @ 46127.97	Urban plantation 1000 plants @ 216444.90	Item	Amount in Rs		
		in Samaleswari OCP expansion (Phase-IV) of M/s MCL Limited												Bamboo Fence	235165.00	235165		
														2 No Fire Blower	120000.00	120000		
														EPA	78120.00	78120		
6	Angul	Diversion of 0.943 ha forest land for construction of diversion portion of HDVC Earth Electrode Transmission line from LOC 37 to 40 by PGCIL	Tall tree plantation 540 Nos		2.7	2.7			61515.53							61515.531	ANR 200 plants	
			Dwarf tree plantation	0.054	0.834	0.888		1741.59		19001.46				Bamboo Gabion @ 299/- per plant	161460	161460		
														Staggered Trench	40493	40493		
														Watering 5 months in 1st year	23276	23276	Cost @ 92/- per plant for 253 plant	
7	Angul	Diversion of 1.3841 ha forest land for construction of diversion portion of 400 KV Talcher- Meramunduli DS transmission line by PGCIL	Dwarf tree plantation	0.0903	1.204	1.2938		2912.32		27419.978						30332.297		
														Staggered Trench	58997	58997		
														Watering 5 months in 1st year	35420	35420	Cost @ 92/- per plant for 385 plant	
8	Keonjhar	Diversion of 360.01 ha forest land in Katamati Iron Mines of M/s Tata Steel Ltd.	1.5 SZ	3.3		3.30		106430.25								106430.25		
														LBCD	85109.00	85109		
														Staggered Trench	60073.00	60073		
														Barbed wire fencing 0.83Km @ 648720	538437.60	538437.6		
														EPA	129265.00	129265		
9	Keonjhar	Diversion of 360.01 ha forest land in Katamati Iron Mines of M/s Tata Steel	1.5 SZ	4.737		4.737		152775.78								152775.78		
														LBCD	127634	127634		

SI No	Name of the Division	Name of the Project	Component	AR (in ha)	ANR (in ha)	Total Area in Ha	Tall Tree Plantation in No	Amount required for First Year Planting to be taken up during 2022-23 @ Rs 311/- MD						Other Activities		Total	Type	
								Block 1600 without Fencing @ 32251.59	Block 1000 without Fencing @ 23545.20	ANR 200 @ 22783.53	ANR 400 @30574.11	ANR 600 @38374.14	ANR 800 @ 46127.97	Urban plantation 1000 plants @ 216444.90	Item			Amount in Rs
		Ltd.												Staggered Trench	86232	86232		
														Barbed wire fencing 1.36 Km @ 648720	882259.20	882259.2		
														EPA	231205	231205		
10	Keonjhar	Diversion of 360.01 ha forest land in Katamati Iron Mines of M/s Tata Steel Ltd.	Gap Plantation		7.60	7.60			173154.83							173154.83	ANR 200 plants	
														Barbed wire fencing 2.471 Km @ 648720	1602987.12	1602987.1		
														EPA	304235.00	304235		
		Total		12.7393	18.34	31.0768	1700	276051.03	98418.94	281091.8	0	0	276767.8	367956.33	0	4133540	5433825.9	

Other Ancillary Activities of Compensatory Afforestation for the year 2022-23

SI No	Name of Division	Name of the Project	Component	Area in Ha	Fencing	LBCD	Staggerd Trench	Other SMC	Others	EPA	Total				
1	Athmallik	Diversion of 54.399 ha forest land including 6.841 ha SZ within total lease area of 70.917 ha in San-indupur Iron & Mn mines of M/s Natioanal Enterprises	CA	47.558	Barbed wire Fencing 3.836 Km @ 648720	2488490	65 Nos	553210				3718726			
2	Dhenkanal	Diversion of 2.091 ha forest land for construction of oil depot for storage of petroleum product by Bharat Petroleum Corporation Ltd.	CA	5.80	Vegetative Fencing 1130 mt	149160	987268				243080	1379508			
3	Dhenkanal	Diversion of 176.231 ha forest land for rehabilitation and upgradation of Talcher-Duburi-Chandikhol section of NH-23/200	CA	352.462	Live hedge Fence 17355 Mtr	1185867			Special SMC 0th to 3rd yr	3180289	Cleaning	1973787	3185580	9525523	
			ACA	267.229	Live hedge Fence 13148 Mtr	898403			Special SMC 0th to 3rd yr	3235007	Cleaning	1496482	3032696	8662588	
4	Dhenkanal	Diversion of 66.783 ha forest land for rehabilitation and upgradation of Cuttack-Angul section of NH-42 (now NH-55)	CA	134.00		0	0	0	0	0	0	0	0	0	
			ACA	70.00	Vegetative fencing 3.444 Km	454608				SMC structure	314020	Cleaning	314020	1134661	2217309
					Trench fencing 3.444 Km	1894200									
5	Dhenkanal	Diversion of 38.098 ha forest land for construction of 3x800 MW Thermal Power Plant, Kamakhyanagar by OTPCL	CA	12.013	Vegetative Fencing	216000		4545991		481405			1818982	7062378	
				26.445	Vegetative Fencing	229230									229230
6	Dhenkanal	Diversion of 0.378 ha forest land for construction of 400 KV Talcher-Meramunduli DC transmission line by M/s PGCIL	No CA stipulation	0										0	
7	Dhenkanal	Diversion of 18.131 ha forest land for construction of 3rd & 4th line of Jarapada-Budhapanka Railway line	CA	37.00		0	0	0	0	0			816992	816992	
8	Dhenkanal	Diversion of 360.01 ha forest land in Katamati Iron Mines of M/s Tata Steel Ltd.	CA	103	Barbed wire fencing 14.61 ha @ 648720	9477799.20		9680907					7455262	26613968	
				57.8381										0	
9	Cuttack	Diversion of 0.9712 ha forest land for construction of IP station to proposed underground natural gas pipeline along with optical fibre cable by GAIL India Ltd.	No CA stipulation	0										0	
10	Cuttack	Diversion of 8.114 ha of forest land for construction of Railway line & siding at village Mantira	CA	8.70	Barbed wire Fencing 1.36 KM @ 648720	882259.20								882259	

SI No	Name of Division	Name of the Project	Component	Area in Ha	Fencing	LBCD	Staggerd Trench	Other SMC	Others	EPA	Total			
11	Angul	Diversion of 0.943 ha forest land for construction of diversion portion of HDVC Earth Elctrode Transmission line from LOC 37 to 40 by PGCIL	No CA stipulation	0							0			
12	Angul	Diversion of 1.3841 ha forest land for construction of diversion portion of 400 KV Talcher- Meramunduli DS transmission line by PGCIL	CA	2.7682	vegetative fencing	97240		137626			234866			
13	Angul	Diversion of 1.214 ha forest land for establishment of Stone Quarry at village Khindo for use of its yield in widening and strengthening of NH-53 by Tahasildar	CA	1.214	Barbed wire Fencing 0.53 @ 648720	343822		34665	20191		398678			
14	Kalahandi South	Diversion of 26.244 ha revenue forest land located inside Lanjigarh Aluminium Refinery Complex for maintaining it as green belt by M/s Vedanta Aluminium Ltd.	CA	26.244	0	0	0	0	0		0			
			PCA	132.00	0	0	0	0	0		0			
15	Kalahandi South	Diversion of 68.00 ha in Unchabali Iron Mines of M/s OMC Ltd.	CA	68.00	Barbed wire fencing 4.7955 Km @ 648720	3110936.76					3110937			
16	Kalahandi South	Diversion of 106.016 ha (diversion of 103.198 ha and change in land use pattern of 2.818 ha) in Rebena RF for installation of mechanized facilities by M/s OMC Ltd.	CA	86.185	Barbed wire fencing 6.434 @648720	4173864.48			Contour trenching	666249	4840113			
				19.831							0			
17	Rourkela	Diversion of 134.666 ha forest land for rehabilitation and upgradation of Biramitrapur- Barkote section of NH-23	CA	137.00	Stone Fencing 1450 mt	2811550		888593		Percolation Pit	45773	1998400	5744316	
					Solar Fencing 2RKM	682784							1670179	
				203.284	Stone Fencing 1650 mt	3199350		1032282		Percolation Pit	57216		2827363	7116211
			CA		Solar Fencing 2.5 RKM	853480								2828270
18	Rourkela	Diversion of 67.309 ha forest land for rehabilitation and upgradation of Baharagora - Singara Section of NH-6.	CA	168.272	Cattle proof trench	4821019		776386	510176	Percolation Pit	1700536	2627920	10436037	
19	Sundargarh	Diversion of unbroken 59.606 ha forest land for mining and ancillary activities in Sanindipur Iron and Bauxite mines of M/s Rungta Sons(P) Ltd.	CA	8.917	Barbed wire fencing 2.863 RKM @ 648720	1857285.36		386779		1505915			793993	4543972
				25.00										

SI No	Name of Division	Name of the Project	Component	Area in Ha	Fencing	LBCD	Staggerd Trench	Other SMC	Others	EPA	Total		
		Ltd.	CA	24.272	Barbed wire fencing 2.189 RKM @	1420048.08	300828	1077677			927995	3726548	
20	Sundargarh	Diversion of 3.93 ha forest land out of total project area of 158.418 ha for expansion Kamando Steel Plant by M/s Rungta Mines Ltd.	CA	5.01	Barbed wire Fencing 1.163 @ 648720	754461.36					395250	1149711	
21	Sundargarh	Diversion of 35.507 ha forest land for construction of 132 KV transmission line from 132/33 KV OPTCL grid station at Barbil to Kanando Steel Plant by M/s Rungta Mines Ltd.	CA	5.02	Barbed wire Fencing 0.919 Km @ 648720	596173.68						596174	
22	Keonjhar	Diversion of 120.838 ha forest land under section 2(ii) and for approval of 126.401 ha under section 2(iii) of FC Act, 1980 in Ghoraburhani- Segasahi Iron Mines by M/s Essar Steel India Ltd, now M/s Arcelor Mittal Nippon India Ltd.	CA	120.838	Barbed wire fencing 7.48 km @ 648720	4852425.60	1031410	1466490			3433061	10783387	
							1177926					1177926	
							901181					901181	
23	Keonjhar	Diversion of 35.507 ha forest land for construction of 132 KV transmission line from 132/33 KV OPTCL grid	CA	32.261	Barbed wire fencing 2.96 km @ 648720	1920211.2	277317	1937596		Water body	606800	2267516	7009440
24	Keonjhar	Diversion of 21.52 ha forest land in Bagiaburu Iron Mines of M/s OMDC Ltd.	CA	2.45	Barbed wire fencing 0.84 Km @ 648720	544924.8					135033	679958	
			PCA	43.04			44 Nos	374481	1667370		288858	2330709	
25	Keonjhar	Diversion of 360.01 ha forest land in Katamati Iron Mines of M/s Tata Steel Ltd.	CA	8.50	Barbed wire fencing 3.417 km @ 648720	2216676.24	429759	618936			792572	4057943	
				25.50								0	
			CA	7.793	Barbed wire fencing 6.638 km @ 648720	4306203.36	1426800	3018096			845708	9596807	
				158.00								0	
			ACA	206.054	Barbed wire fencing 14.55 km @ 648720	9438876	1762012	3751007			2621302	17573197	
26	Bonai	Diversion of 54.399 ha forest land including 6.841 ha SZ within total lease area of 70.917 ha in San-indupur Iron & Mn mines of M/s Natioanal Enterprises	CA in Athmallik Division	0								0	
27	Sambalpur	Diversion of 109.082 ha forest land for rehabilitation and upgradation of Angul- Sambalpur section of NH-42 (now NH-55)	CA	51.00					1 pond	596000		596000	
				71.00					renovation of 50 boundary	72600		72600	

SI No	Name of Division	Name of the Project	Component	Area in Ha	Fencing	LBCD	Staggerd Trench	Other SMC	Others	EPA	Total					
			CA	107.00	Trench Fencing	751100			1 pond	596000	1347100					
				119.00	Barbed wire Fencing 1.5 km @ 648720	973080			renovation of 40 boundary pillar	58080	1031160					
28	Sambalpur	Diversion of 1038.187 ha forest land including 4.051 ha Safety Zone within the leasehold area of 1914.063 ha for Open Cast Mining Project of M/s Neyveli Lignite Corporation (NLC) India Ltd. (Earlier M/s MNH Shakti	CA	534.08	Barbed wire Fencing 45.15 km @ 648720	29289708		1435610	percolation pit	9570732	12514408					
29	Jharsuguda	Diversion of Addl. 230.20 ha forest land in Samaleswari OCP expansion (Phase-IV) of M/s MCL Limited	CA	278.48	Barbed wire fencing 35.316 @ 648720	22910195.52					22910196					
30	Baripada	Diversion of 13.856 ha of forest land for rehabilitation and upgradation of Jharpokhoria-Baripada-Balasore Section of NH-5	CA	35.00	Barbed wire fencing 6.7 km @ 648720	4346424				986975	5333399					
31	Jeypore	Diversion of 4.902 ha forest land for setting up of 25MW Saheed Lakhan Nayak SHEP at Tentuligumma by M/s Meenakhi Odisha Pvt. Ltd.	CA	5.06	Barbed wire fencing 1.8 km @ 648720	1167696			Gully plugging etc.	171350	1339046					
32	Rajnagar WL	Diversion of 11.79 ha in village Abhaaaayachandrapur, Kansaripatia and Nua-Sandhakud for construction of Surge	CA	12.00					Fish bone channel	1280004	1280004					
			PCA	13.12	0	0					0					
		Grand Total				125315552	987268	25718153	0	18167495	0	21903357	0	6993773	51143607	197418747

Second Year maintenance of CA,PCA,ACA of 2021-22 to be carried out during 2022-23

SI No	Name of the Division	Name of the Project	AR (In Ha)	ANR (In Ha)	ANR without Gap (In Ha)	Bald Hill (In ha)	Total (In Ha)	Amount Required for second year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD								Total	Remarks
								Block 1600 plant without fencing @ Rs. 17906.49	ANR with 200 plant @ Rs. 8181.18	ANR with 400 plant @ Rs. 11137.56	ANR with 600 plant @ Rs. 13726.44	ANR with 800 plant @ Rs. 16525.32	ANR without Gap @ Rs. 5539.80	Bald Hill without fencing @ Rs. 36693.09			
1	Keonjhar	Diversion of 64.094 ha forest land for rehabilitation and upgradation of Binjabahal-Teleibani Section of NH-6 in Deogarh and Angul district by NHAI	0	128.188	0	0	128.188	0.00	1048729.10	0.00	0.00	0.00	0.00	0.00	1048729.10	ANR With 200 Plants	
			0	96.14	0	0	96.14	0.00	0.00	1070765.02	0.00	0.00	0.00	0.00	1070765.02	ANR With 400 Plants	
2	Keonjhar	Diversion of 111.407 ha forest land for rehabilitation and upgradation of Singara to Binjabahal Section of NH-6.	0.000	17.005	0	0	17.005	0.00	0.00	189394.21	0.00	0.00	0.00	0.00	189394.21	ANR with 400 plants	
			0.000	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	ANR with 400 plants 139.932 ha not achieved.	
			0.000	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	ANR with 200 plants 147.496 ha not achieved	
			0.000	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	ANR with 200 plants 22.672 ha not achieved	
			0.000	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	ANR with 600 plants 26.00 ha not achieved	
		Total Keonjhar Division	0.000	241.333	0.000	0.000	241.33	0.00	1048729.10	1260159.23	0.00	0.00	0.00	0.00	2308888.33		
3	Rourkela	Diversion of balance 87.09 ha forest land in addition to 1225.78 ha early diverted forest land in	0	169.72	0	0	169.72	0.00	1388509.87	0.00	0.00	0.00	0.00	0.00	1388509.87	ANR With 200 Plants	
		Total Rourkela Division	0	169.72	0	0	169.72	0	1388509.87	0	0	0	0	0	1388509.87		
4	Keonjhar WL	Diversion of balance 87.09 ha forest land in addition to 1225.78 ha early diverted forest land in	0	5.18	0	0	5.18	0.00	0.00	0.00	71102.96	0.00	0.00	0.00	71102.96	ANR With 600 Plants	
5	Keonjhar WL	Diversion of 24.9612 ha forest land for construction of 132 KVDC transmission line from Brahmanipal to Daitary and	0	2.501	0	22.5	25.001	0.00	20461.13	0.00	0.00	0.00	0.00	995812.65	1016273.78	ANR With 200 Plants. Bald Hill with Fencing @ 44258.34	
		Total Keonjhar WL Division	0	7.681	0	22.5	30.18	0.00	20461.13	0.00	71102.96	0.00	0.00	995812.65	1087376.74		
6	Kalahandi North	Diversion of 461.1496 ha forest land construction of 765 KV/DC Angul-Jharsuguda second transmission line from Angul Pooling Station to Jharsuguda	0	9.36	0	0	9.36	0.00	0.00	104247.56	0.00	0.00	0.00	0.00	104247.56	ANR With 400 Plants	
			0	368.00	0	0	368.00	0.00	0.00	4098622.08	0.00	0.00	0.00	0.00	4098622.08	ANR With 400 Plants	
		Total Kalahandi North Division	0	377.36	0	0	377.36	0	0	4202869.64	0	0	0	0	4202869.642		

SI No	Name of the Division	Name of the Project	AR (In Ha)	ANR (In Ha)	ANR without Gap (In Ha)	Bald Hill (In ha)	Total (In Ha)	Amount Required for second year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD								Total	Remarks
								Block 1600 plant without fencing @ Rs. 17906.49	ANR with 200 plant @ Rs. 8181.18	ANR with 400 plant @ Rs. 11137.56	ANR with 600 plant @ Rs. 13726.44	ANR with 800 plant @ Rs. 16525.32	ANR without Gap @ Rs. 5539.80	Bald Hill without fencing @ Rs. 36693.09			
7	Jharsuguda	Diversion of 461.1496 ha forest land construction of 765 KV/DC Angul-Jharsuguda second transmission line from Angul	0	24.162	0.00	0	24.162	0.00	0.00	269105.72	0.00	0.00	0.00	0.00	269105.72	ANR With 400 Plants	
		Total Jharsuguda Division	0	24.162	0	0	24.162	0	0	269105.7247	0	0	0	0	269105.72		
8	Sambalpur	Diversion of 461.1496 ha forest land construction of 765 KV/DC Angul-Jharsuguda second transmission line from Angul Pooling Station to Jharsuguda	0	88.20	0.00	0	88.20	0.00	0.00	982332.79	0.00	0.00	0.00	0.00	982332.79	ANR With 400 Plants	
		Total Sambalpur Division	0	88.2	0	0	88.2	0	0	982332.792	0	0	0	0	982332.79		
9	Athmallik	Diversion of 461.1496 ha forest land construction of 765 KV/DC Angul-Jharsuguda second transmission line from Angul	0	176.2314	0.00	0	176.2314	0.00	1441780.81	0.00	0.00	0.00	0.00	0.00	1441780.81	ANR With 200 Plants	
		Total Athmallik Division	0	176.2314	0	0	176.2314	0	1441780.81	0	0	0	0	0	1441780.805		
10	Rairakhhol	Diversion of 461.1496 ha forest land construction of 765 KV/DC Angul-Jharsuguda second transmission line from Angul	0	63.00	0.00	0	63.00	0.00	515414.34	0.00	0.00	0.00	0.00	0.00	515414.34	ANR With 200 Plants	
		Total Rairakhhol Division	0	63.00	0	0	63.00	0	515414.34	0	0	0	0	0	515414.34		
11	Bargarh	Diversion of 461.1496 ha forest land construction of 765 KV/DC Angul-Jharsuguda second transmission line from Angul	0	35.13	0.00	0	35.13	0.00	0.00	391262.48	0.00	0.00	0.00	0.00	391262.48	ANR With 400 Plants	
12	Bargarh	Diversion of 461.1496 ha forest land construction of 765 KV/DC Angul-Jharsuguda second transmission line from Angul	0	158.216	0.00	0	158.216	0.00	0.00	1762140.19	0.00	0.00	0.00	0.00	1762140.19	ANR With 400 Plants	
		Total Bargarh Division	0	193.346	0	0	193.346	0	0	2153402.68	0	0	0	0	2153402.676		
13	Rayagada	Diversion of 44.038 ha forest and including 9.286 ha Safety Zone within total ML area of 58.704 ha in Bainibasa Graphite Mines of M/s Pradhan Industries Pvt. Ltd.	17.38	0	0	0	17.38	311214.80	0.00	0.00	0.00	0.00	0.00	0.00	311214.80		
			8.552	0	0	0	8.552	153136.30	0.00	0.00	0.00	0.00	0.00	0.00	153136.30		
			0	0	0	17.38	17.38	0.00	0.00	0.00	0.00	0.00	0.00	637725.90	637725.90	Bald Hill without Fencing	
		Total Rayagada Division	25.932	0	0	17.38	43.312	464351.10	0	0	0	0	0	637725.90	1102077.00		
14	Sundargarh	Diversion of 111.399 ha forest land for construction of Rourkela-Raigarh Transmission line by PGCIL	0	134.4	0	0	134.40	0.00	0.00	0.00	1844833.54	0.00	0.00	0.00	1844833.54	ANR With 600 plants	
			0	88.398	0	0	88.398	0.00	0.00	984538.03	0.00	0.00	0.00	0.00	984538.03	ANR With 400 Plants	

SI No	Name of the Division	Name of the Project	AR (In Ha)	ANR (In Ha)	ANR without Gap (In Ha)	Bald Hill (In ha)	Total (In Ha)	Amount Required for second year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD							Total	Remarks
								Block 1600 plant without fencing @ Rs. 17906.49	ANR with 200 plant @ Rs. 8181.18	ANR with 400 plant @ Rs. 11137.56	ANR with 600 plant @ Rs. 13726.44	ANR with 800 plant @ Rs. 16525.32	ANR without Gap @ Rs. 5539.80	Bald Hill without fencing @ Rs. 36693.09		
15	Sundargarh	Diversion of 13.63 ha forest land in addition to 159.16 ha forest land already diverted for construction of Railway siding and Merry Go Round(MGR)	0	13.693	0	0	13.693	0.00	0.00	0.00	0.00	226281.21	0.00	0.00	226281.21	ANR with 800 plants
		Total Sundargarh Division	0	236.491	0	0	236.491	0	0	984538.0289	1844833.536	226281.2068	0	0	3055652.772	
16	Cuttack	Diversion of 2.262 ha forest land for construction of Haridaspur-Paradip new BG Rail link over a length of 82.35 Km by East Coast	0	0	0	4.524	4.524	0.00	0.00	0.00	0.00	0.00	0.00	200224.73	200224.73	Bald Hill with Fencing @44258.34
		Total Cuttack Division	0	0	0	4.524	4.524	0	0	0	0	0	0	200224.7302	200224.7302	
17	Deogarh	Diversion of 244.623 ha forest land for construction of Talcher-Bimalgarh New BG Rail link project, Phase-II (25 Km to 153.90 Km) by East Coast	0.000	490.96	0	0	490.96	0.00	0.00	0.00	0.00	8113271.11	0.00	0.00	8113271.11	ANR with 800 plant
			0.000	167.161	0	0	167.161	0.00	0.00	0.00	2294525.44	0.00	0.00	0.00	2294525.44	ANR With 600 plants
		Total Deogarh Division	0.000	658.121	0.000	0.000	658.121	0.00	0.00	0.00	2294525.44	8113271.11	0.00	0.00	10407796.54	
18	Chandaka WL	Diversion of 10.617 ha forest land for construction of 200' Master Plan Road from Utkal Health Care Hospital to Rail	5.000	5.724	0	0	10.724	89532.45	0.00	0.00	78570.14	0.00	0.00	0.00	78570.14	ANR with 600 plants
		Total Chandaka WL Division	5.000	5.724	0.000	0.000	10.724	89532.45	0.00	0.00	78570.14	0.00	0.00	0.00	78570.14	
19	Nayagarh	Diversion of 59.717 ha forest land including 1.875 ha forest land coming within canal system of Brutanga Irrigation Project for construction of Khurda Road-Bolangir New BG Rail link Phase-II from 36 to 112 Km by East Coast Railway	0.000	119.434	0	0	119.434	0.00	977111.05	0.00	0.00	0.00	0.00	0.00	977111.05	ANR with 200 plants
			12.000	28.000	0	0	40.00	214877.88	0.00	0.00	384340.32	0.00	0.00	0.00	384340.32	ANR with 600 plants
			0.000	5.000	0	0	5.00	0.00	0.00	55687.80	0.00	0.00	0.00	0.00	55687.80	ANR with 400 plants
		Total Nayagarh Division	12.000	152.434	0.000	0.000	164.434	214877.88	977111.05	55687.80	384340.32	0.00	0.00	0.00	1417139.17	
20	Angul	Diversion of 137.02 ha of forest land for coal mining in Utkal D Coal Block by M/s NALCO	0.000	60.4034	0	6.0703	66.4737	0.00	449408.58	0.00	0.00	90416.64	0.00	268661.40	808486.62	ANR 5.4714 ha with 800 plant and 54.932 ha with 200 plant.Bald Hill with Fencing @ 44258.34 per ha
		Total Angul Division	0.000	60.403	0.000	6.070	66.474	0.00	449408.58	0.00	0.00	90416.64	0.00	268661.40	808486.62	

SI No	Name of the Division	Name of the Project	AR (In Ha)	ANR (In Ha)	ANR without Gap (In Ha)	Bald Hill (In ha)	Total (In Ha)	Amount Required for second year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD								Remarks
								Block 1600 plant without fencing @ Rs. 17906.49	ANR with 200 plant @ Rs. 8181.18	ANR with 400 plant @ Rs. 11137.56	ANR with 600 plant @ Rs. 13726.44	ANR with 800 plant @ Rs. 16525.32	ANR without Gap @ Rs. 5539.80	Bald Hill without fencing @ Rs. 36693.09	Total	
21	Kalahandi South	Diversion of 11.912 ha forest land located within surrendered mining lease area of Siligora mining lease for use of Infrastructure for facilitating	0	0	3.912	8.00	11.912	0.00	0.00	0.00	0.00	0.00	21671.70	293544.72	315216.42	Bald Hill without Fencing
		Total Kalahandi South	0	0	3.912	8	11.912	0	0	0	0	0	21671.6976	293544.72	315216.42	
		Total	42.932	2454.207	3.912	58.474	2559.5251	768761.43	5841414.88	9908095.89	4673372.39	8429968.95	21671.70	2395969.41	31734844.32	
		Addl. CA for balance seedling													0.00	
1	Angul	Diversion of 137.02 ha of forest land for coal mining in Utkal D Coal Block by M/s NALCO	0.000	564.615	0	0	564.615	0.00	4619216.95	0.00	0.00	0.00	0.00	0.00	4619216.95	ANR with 200 plants
		Total Angul Division	0.000	564.615	0.000	0.000	564.615	0.000	4619216.95	0.000	0.000	0.000	0.000	0.000	4619216.95	
		Grand Total	42.932	3018.822	3.912	58.474	3124.1401	768761.43	10460631.83	9908095.89	4673372.39	8429968.95	21671.70	2395969.41	36354061.26	

Second Year maintenance of Left Over CA of 2021-22 to be carried out during 2022-23

SI No	Name of the Division	Name of the Project	AR (In Ha)	ANR (In Ha)	ANR without Gap (In Ha)	Bald Hill (In Ha)	Total (In Ha)	Amount Required for second year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD					Remarks
								Block 1600 plant without fencing @ Rs. 17906.49	ANR with 200 plant @ Rs. 8181.18	ANR without Gap @ Rs. 5539.80	Bald Hill without fencing @ Rs. 36693.09	Total	
1	Kalahandi South	Diversion of balance 1177.211 ha forest land including 25.1070 ha Safety Zone in addition to 232.438 ha forest land already diverted within the total ML area of 1590.8673 ha in Gandhamardan B iron Mines of M/s OMC Ltd.	0	0	0	253.973	253.973	0.00	0.00	0.00	9319054.15	9319054.15	
2	Kalahandi South	Diversion of balance 517.888 ha forest land including 9.392 ha Safety Zone in addition to 133.112 ha forest land already diverted within total ML area of 651.00 ha in Kurmitar Iron & Manganese mines of M/s OMC Ltd.	0	0	0	25	25	0.00	0.00	0.00	917327.25	917327.25	Out of 100 Ha 25 ha achieved.
3	Kalahandi South	Diversion of 79.30 ha forest land in Tiringpahar Mines of M/s OMC Ltd.	0	0	9.182	0	9.182	0.00	0.00	50866.44	0.00	50866.44	BaldHill 60.896 ha not
4	Kalahandi South	Diversion of 806.153 ha forest land including 16.601 ha for SZ in total ML area of 874.29 ha for iron ore mining in Sundargarh & Keonjhar district ny M/s Neelachal Ispat Nigam Ltd.	60	0	0	0	60	1074389.40	0.00	0.00	0.00	1074389.40	Out of 150 Ha 60 ha achieved.
5	Kalahandi South	Permission for use of 9.819 ha forest land within mining lease of 583.021 ha in Birasal Chromite Mines for undertaking exploratory drilling of 133 no boreholes of 4" dia (2.660 ha) and construction of road (7.159 ha) by M/s OMC Ltd.	0	0	0	7.159	7.159	0.00	0.00	0.00	262685.83	262685.83	
		Total Kalahandi South Division	60.00	0	9.182	286.132	355.314	1074389.40	0.00	50866.44	10499067.23	11624323.07	
6	Rairangpur	Suleipat Iron Mines of B.C.Dagara	22.00				22.00	393942.78	0.00	0.00	0.00	393942.78	Out of 62.78 Ha, 22 ha achieved.
		Total Rairangpur Division	22.00	0	0	0	22.00	393942.78	0.00	0.00	0.00	393942.78	
		Grand Total	82.000	0.000	9.182	286.132	377.3140	1468332.18	0.00	50866.44	10499067.23	12018265.85	

Second Year maintenance of other stipulation of 2021-22 to be carried out during 2022-23

Sl No	Name of the Division	Name of the Project	Component	AR (In ha)	ANR (In ha)	Total (In ha)	Avenue/ Tree Plantation (In Nos)	Amount Required for second year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD							Remarks	
								Block 1600 plant without fencing @ Rs. 17906.49	ANR with 200 plant @ Rs. 8181.18	ANR with 400 plant @ Rs. 11137.56	ANR with 600 plant @ Rs. 13726.44	ANR with 800 plant @ Rs. 16525.32	Avenue Plantn @ 57858.74	Urban Plantn @ 157953.60		Total
1	Keonjhar	Diversion of 0.654 ha forest land under jurisdiction of Keonjhar Division for laying 32" dia Iron ore slurry pipeline system for transportation of 30MTPA Iron ore on non-RoW area by M/s JSW Utkal Steel Ltd.	10 time tree plantation	0	0	0	220	0.00	0.00	0.00	0.00	0.00	50915.69	0.00	50915.69	In Avenue Plantation mode
		Total Keonjhar Division	0.000	0.000	0.000	0.000	220	0.00	0.00	0.00	0.00	0.00	50915.69	0.00	50915.69	
2	Rourkela	Diversion of 111.399 ha forest land for construction of Rourkela-Raigarh Transmission line by PGCIL	Dwarf Tree Plantation	0	20.234	20.234	10.116	0.00	165538.00	0.00	0.00	0.00	585299.01	0.00	750837.01	ANR with 200 Plants.
		Total Rourkela Division	0	0	20.234	20.234	10.116	0.00	165538.00	0.00	0.00	0.00	585299.01	0.00	750837.01	
3	Keonjhar WL	Diversion of 24.9612 ha forest land for construction of 132 KVDC transmission line from Brahmanipal to Daitary and	Dwarf Tree Plantation	5.28	0	5.28	0	94546.27	0.00	0.00	0.00	0.00	0.00	0.00	94546.27	
		Total Keonjhar WL Division	0	5.28	0	5.28	0	94546.27	0.00	0.00	0.00	0.00	0.00	0.00	94546.27	
4	Jharsuguda	Diversion of 461.1496 ha forest land construction of 765 KV/DC Angul-Jharsuguda second transmission line from Angul Pooling Station to Jharsuguda Pooling Station at Kenapali by PGCIL	Dwarf Tree Plantation	0	5.8275	5.8275		0.00	0.00	64904.13	0.00	0.00	0.00	0.00	64904.13	ANR with 400 Plants.
5	Jharsuguda	Diversion of 111.399 ha forest land for construction of Rourkela-Raigarh Transmission line by PGCIL	Dwarf Tree Plantation	1	54.2175	55.2175		17906.49	443563.13						461469.62	ANR with 200 Plants
		Total Jharsuguda Division	0	1	60.045	61.045	0	17906.49	443563.13	64904.13	0.00	0.00	0.00	0.00	526373.75	
6	Sambalpur	Diversion of 461.1496 ha forest land construction of 765 KV/DC Angul-Jharsuguda second transmission line from Angul Pooling Station to Jharsuguda Pooling Station at Kenapali by PGCIL	Dwarf Tree Plantation	5.468	25.698	31.166		97912.69	0.00	286213.02	0.00	0.00	0.00	0.00	384125.70	ANR with 400 Plants.
				0	30.00	30			245435.40						245435.40	ANR with 200 Plants
		Total Sambalpur Division	0	5.468	55.698	61.166	0	97912.69	245435.40	286213.02	0.00	0.00	0.00	0.00	629561.10	

Sl No	Name of the Division	Name of the Project	Component	AR (In ha)	ANR (In ha)	Total (In ha)	Avenue/ Tree Plantation (In Nos)	Amount Required for second year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD							Remarks	
								Block 1600 plant without fencing @ Rs. 17906.49	ANR with 200 plant @ Rs. 8181.18	ANR with 400 plant @ Rs. 11137.56	ANR with 600 plant @ Rs. 13726.44	ANR with 800 plant @ Rs. 16525.32	Avenue Plantn @ 57858.74	Urban Plantn @ 157953.60		Total
7	Athmallik	Diversion of 461.1496 ha forest land construction of 765 KV/DC Angul-Jharsuguda second transmission line from Angul Pooling Station to Jharsuguda Pooling Station at Kenapali by PGCIL	Dwarf Tree Plantation	13.6671	64.2354	77.9025		244729.79	525521.37	0.00	0.00	0.00	0.00	0.00	770251.16	ANR with 200 Plants
		Total Athmallik Division	0	13.6671	64.2354	77.9025	0	244729.79	525521.37	0.00	0.00	0.00	0.00	0.00	770251.16	
8	Rairakhol	Diversion of 461.1496 ha forest land construction of 765 KV/DC Angul-Jharsuguda second transmission line from Angul Pooling Station to Jharsuguda Pooling Station at Kenapali by PGCIL	Dwarf Tree Plantation	16	60	76		286503.84	490870.80	0.00	0.00	0.00	0.00	0.00	777374.64	ANR with 200 Plants
		Total Rairakhol Division	0	16	60	76	0	286503.84	490870.80	0.00	0.00	0.00	0.00	0.00	777374.64	
9	Rayagada	Diversion of 44.038 ha forest and including 9.286 ha Safety Zone within total ML area of 58.704 ha in Bainibasa Graphite Mines of M/s Pradhan	1.5 SZ	0	1.11	1.11	0	0.00	0.00	0.00	15236.35	0.00	0.00	0.00	15236.35	ANR With 600 Plants
			Gap Plantation	0	7.404	7.404		0.00	0.00	82462.49	0.00	0.00	0.00	0.00	82462.49	ANR With 400 Plants
		Total Rayagada Division	0	0	8.514	8.514	0	0.00	0.00	82462.49	15236.35	0.00	0.00	0.00	97698.84	
10	Sundargarh	Diversion of 111.399 ha forest land for construction of Rourkela-Raigarh Transmission line by PGCIL	Dwarf Tree Plantation	1.365	18.2	19.565		24442.36	148897.48	0.00	0.00	0.00	0.00	0.00	173339.83	ANR With 200 Plants
11	Sundargarh	Diversion of 461.1496 ha forest land construction of 765 KV/DC Angul-Jharsuguda second transmission line from Angul Pooling Station to Jharsuguda Pooling Station at Kenapali by PGCIL	Dwarf Tree pntation	5.997	28.186	34.183		107385.22	230594.74	0.00	0.00	0.00	0.00	0.00	337979.96	ANR With 200 Plants
		Total Sundargarh Division	0	7.362	46.386	53.748	0	131827.58	379492.22	0.00	0.00	0.00	0.00	0.00	511319.79	
12	Bonai	Diversion of 0.28 ha forest land for construction of approach road from NH-520 to Kamando Steel Plant by M/s Rungta Mines Ltd.	10 time tree plantation				120	0.00	0.00	0.00	0.00	0.00	0.00	18954.43	18954.43	In Urban Plantation mode.

SI No	Name of the Division	Name of the Project	Component	AR (In ha)	ANR (In ha)	Total (In ha)	Avenue/ Tree Plantation (In Nos)	Amount Required for second year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD							Remarks	
								Block 1600 plant without fencing @ Rs. 17906.49	ANR with 200 plant @ Rs. 8181.18	ANR with 400 plant @ Rs. 11137.56	ANR with 600 plant @ Rs. 13726.44	ANR with 800 plant @ Rs. 16525.32	Avenue Plantn @ 57858.74	Urban Plantn @ 157953.60		Total
		Total Bonai Division	0.000	0.000	0.000	0.000	120	0.00	0.00	0.00	0.00	0.00	0.00	18954.43	18954.43	
13	Angul	Diversion of 137.02 ha of forest land for coal mining in Utkal D Coal Block by M/s NALCO	SZ		6.5	6.5		0.00	0.00	72394.14	0.00	0.00	0.00	0.00	72394.14	ANR With 400 Plants
			1.5 SZ		10	10		0.00	0.00	0.00	0.00	165253.20	0.00	0.00	165253.20	ANR with 800 Plants
14	Angul	Diversion of 461.1496 ha forest land construction of 765 KV/DC Angul-Jharsuguda second transmission line from Angul Pooling Station to Jharsuguda Pooling Station at Kenapali by PGCIL	Dwarf Tree Plantation	9.111	42.823	51.934		163146.03	187809.62	0.00	0.00	328303.57	0.00	0.00	679259.23	ANR 22.9563 ha with 200 plant and 19.8667 ha with 800 plant
		Total Angul Division	0.000	9.111	59.323	68.434	0.000	163146.03	187809.62	72394.14	0.00	493556.77	0.00	0.00	916906.57	
15	Bamra WL	Diversion of 461.1496 ha forest land construction of 765 KV/DC Angul-Jharsuguda second transmission line from Angul Pooling Station to Jharsuguda Pooling Station at Kenapali by PGCIL	Dwarf Tree Plantation	2.622	12.322	14.944	0	46950.82	0.00	137237.01	0.00	0.00	0.00	0.00	184187.83	ANR With 400 Plants
		Total Bamra WL Division	0	2.622	12.322	14.944	0	46950.82	0.00	137237.01	0.00	0.00	0.00	0.00	184187.83	
		Grand Total		60.510	386.757	447.268	10.116 RKM + 340 Nos	1083523.50	2438230.53	643210.80	15236.35	493556.77	636214.71	18954.43	5328927.09	

Third Year maintenance of CA,PCA,ACA of 2020-21 to be carried out during 2022-23

SI No	Name of the Division	Name of the Project	Comp onent	Block	ANR	ANR without Gap	Bald hill	Total	Amount Required for third year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD								Total (In Rs.)	Remarks
									Block 1600 plant without fencing @ Rs. 12465.60	Block 1000 plant without fencing @ Rs.10403.40	ANR with 200 plant @ Rs. 3475.50	ANR with 400 plant @ Rs. 3918.60	ANR with 600 plant @ Rs. 4571.70	ANR with 800 plant @ Rs. 5224.80	ANR without Gap @ Rs. 2927.40	Bald Hill without fencing @ Rs. 18939.90		
1	Cuttack	Diversion of 115.05 ha Sabik Kissam forest land within total ML area of 116.76 ha in Sukinda Chromite Mines of M/s IMFA Ltd.	CA	0	0	0	39.356	39.356	0.00	0.00	0.00	0.00	0.00	0.00		958836.13	958836.13	Bald Hill with Fencing @ Rs. 24363.15 per Ha.
			CA	0	0	0	72.035	72.035	0.00	0.00	0.00	0.00	0.00	0.00		1754999.51	1754999.51	
2	Cuttack	Diversion of 9.037 ha forest land for construction of Railwayline from Jakhpura Railway Station to Steel Plant at Kalinga Nagar by M/s Tata Steel Ltd.	CA	9.037	0	0	0	9.037	112651.63	0.00	0.00	0.00	0.00	0.00		0.00	112651.63	
3	Cuttack	Diversion of balance 7.397 ha Sabik Kissam forest land in addition to already diverted forest land of 66.38 ha in Mahagiri Chromite Mines by M/s IMFA	CA	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	As reported by DFO, Cuttack division CA over 6.787 ha could not be taken up as the
Total Cuttack Division				9.037	0	0	111.391	120.428	112651.63	0.00	0.00	0.00	0.00	0.00	0.00	2713835.64	2826487.27	
4	Sambalpur	Diversion of 1038.187 ha forest land including 4.051 ha Safety Zone within the leasehold area of 1914.063 ha for Open Cast Mining Project of M/s Neyveli Lignite Corporation (NLC) India Ltd. (Earlier M/s MNH Shakti Ltd.)	CA	0	110			110	0.00	0.00	0.00	431046.00	0.00	0.00		0.00	431046.00	ANR with 400 Plants
			CA	0	206			206	0.00	0.00	715953.00	0.00	0.00	0.00		0.00	715953.00	ANR with 200 Plants
Total Sambalpur Division				0	316	0	0	316	0.00	0.00	715953.00	431046.00	0.00	0.00	0.00	0.00	1146999.00	

SI No	Name of the Division	Name of the Project	Component	Block	ANR	ANR without Gap	Bald hill	Total	Block 1600 plant without fencing @ Rs. 12465.60	Block 1000 plant without fencing @ Rs.10403.40	ANR with 200 plant @ Rs. 3475.50	ANR with 400 plant @ Rs. 3918.60	ANR with 600 plant @ Rs. 4571.70	ANR with 800 plant @ Rs. 5224.80	ANR without Gap @ Rs. 2927.40	Bald Hill without fencing @ Rs. 18939.90	Total (In Rs.)	Remarks
5	Jharsuguda	Diversion of 24.424 ha forest land for construction of laying of LILO of both circuit of Rourkela- Raigarh 400 KVDC transmission line (2nd line) from existing 765/400 KV Pooling Sub-station at Kenapali to existing 400 KV/DC Rourkela-Raigarh transmission line by M/s PGCIL	ACA		12.213			12.213	0.00	0.00	0.00	47857.86	0.00	0.00		0.00	47857.86	ANR with 400 Plants
		Total Jharsuguda Division		0	12.213	0	0	12.213	0.00	0.00	0.00	47857.86	0.00	0.00	0.00	0.00	47857.86	
6	Bargarh	Diversion of 24.424 ha forest land for construction of laying of LILO of both circuit of Rourkela- Raigarh 400 KVDC transmission line (2nd line) from existing 765/400 KV Pooling Sub-station at Kenapali to existing 400 KV/DC Rourkela-Raigarh transmission line by M/s PGCIL	CA	0	48.848			48.848	0.00	0.00	0.00	191415.77		0.00		0.00	191415.77	ANR with 400 Plants
		Total Bargarh Division		0	48.848	0	0	48.848	0.00	0.00	0.00	191415.77	0.00	0.00	0.00	0.00	191415.77	
7	Keonjhar	Diversion of 13.904 ha forest land including 1.214 ha SZ in Murugabeda Iron Mines by D.R Pattnaik	CA	0	12.69			12.69	0.00	0.00	44104.10	0.00	0.00	0.00		0.00	44104.10	ANR with 200 Plants
			PCA		69.52			69.52	0.00	0.00	241616.76	0.00	0.00	0.00		0.00	241616.76	ANR with 200 Plants

SI No	Name of the Division	Name of the Project	Component	Block	ANR	ANR without Gap	Bald hill	Total	Block 1600 plant without fencing @ Rs. 12465.60	Block 1000 plant without fencing @ Rs.10403.40	ANR with 200 plant @ Rs. 3475.50	ANR with 400 plant @ Rs. 3918.60	ANR with 600 plant @ Rs. 4571.70	ANR with 800 plant @ Rs. 5224.80	ANR without Gap @ Rs. 2927.40	Bald Hill without fencing @ Rs. 18939.90	Total (In Rs.)	Remarks
8	Keonjhar	Proposal for according permission for use of 8.2276 ha forest land within total ml block area of 256.304 ha for Manganese Mines in Dhanurjoypur,Kanarda.La serda and Karo RF for undertaking exploratory drilling of 250 nos of boreholes of 4" dia totaling 0.05 ha and 3.1776 ha for construction of Road by M/s Thriveni Earthmovers Pvt Ltd.	CA	3.228				3.228	0.00	33582.18	0.00	0.00	0.00	0.00		0.00	33582.18	AR with 1000 plant.
9	Keonjhar	Diversion of balance 1177.211 ha forest land including 25.1070 ha Safety Zone in addition to 232.438 ha forest land already diverted within the total ML area of 1590.8673 ha in Gandhamardan B iron Mines of M/s OMC Ltd.	PCA		0.85			0.85	0.00	0.00	2954.18	0.00	0.00	0.00		0.00	2954.18	ANR with 200 Plants
10	Keonjhar	Diversion of 3.8332 ha forest land including 0.6932 ha Safety Zone in Sirkaguta Iron & Mn Mines of M/s Prakash Industries Ltd.	CA	0	3.14			3.14	0.00	0.00	0.00	0.00	14355.14	0.00		0.00	14355.14	Block plantation converted to ANR with 600 plants by
			PCA		2.00			2.00	0.00	0.00	0.00	7837.20	0.00	0.00		0.00	7837.20	ANR with 400 Plants
11	Keonjhar	Diversion of 3.5936 ha forest land including 0.586 ha SZ in Rebena RF for pyrophyllite Mines by Shri K.B Pahi	CA		3.0176			3.0176	0.00	0.00	10487.67	0.00	0.00	0.00		0.00	10487.67	ANR with 200 Plants
		Total Keonjhar Division		3.228	91.2176	0	0	94.4456	40238.96	33582.18	299162.70	7837.20	14355.14	0.00	0.00	0.00	354937.21	

SI No	Name of the Division	Name of the Project	Component	Block	ANR	ANR without Gap	Bald hill	Total	Block 1600 plant without fencing @ Rs. 12465.60	Block 1000 plant without fencing @ Rs.10403.40	ANR with 200 plant @ Rs. 3475.50	ANR with 400 plant @ Rs. 3918.60	ANR with 600 plant @ Rs. 4571.70	ANR with 800 plant @ Rs. 5224.80	ANR without Gap @ Rs. 2927.40	Bald Hill without fencing @ Rs. 18939.90	Total (In Rs.)	Remarks	
12	Bonai	Diversion of 174.1595 ha forest land for four/six laning, widening and strengthening of existing two lane of NH-215 from 163 Km to 269 Km (Remuli-Rajamunda Section) by NHAI	CA	0	35			35	0.00	0.00	121642.50	0.00	0.00	0.00		0.00	121642.50		
			CA		100			100	0.00	0.00	347550.00	0.00	0.00	0.00		0.00	347550.00		
			CA		213.319			213.319	0.00	0.00	741390.18	0.00	0.00	0.00		0.00	741390.18		
13	Bonai	Diversion of 806.153 ha forest land including 16.601 ha for SZ in total ML area of 874.29 ha for iron ore mining in Sundargarh & Keonjhar district ny M/s Neelachal Ispat Nigam Ltd.	PCA	4	6.00		10.00	49862.40	0.00	0.00	0.00	0.00	0.00	31348.80		0.00	81211.20	ANR with 800 Plants	
14	Bonai	Diversion of balance 11.006 ha forest land excluding 177.517 ha already diverted forest land in KJST Iron.Mn & Bauxite Mines of Prabodh Mohanty.	CA	1.228			1.228	15307.76	0.00	0.00	0.00	0.00	0.00			0.00	15307.76		
Total Bonai Division					5.228	354.319	0	0	359.547	65170.16	0.00	1210582.68	0.00	0.00	31348.80	0.00	0.00	1307101.64	
15	Rourkela	Diversion of balance 517.888 ha forest land including 9.392 ha Safety Zone in addition to 133.112 ha forest land already diverted within total ML area of 651.00 ha in Kurmitar Iron & Manganese mines of M/s OMC Ltd.	PCA	26.623			26.623	331871.67	0.00	0.00	0.00	0.00	0.00			0.00	331871.67		
			PCA	11.05			11.050	137744.88	0.00	0.00	0.00	0.00	0.00			0.00	137744.88		

SI No	Name of the Division	Name of the Project	Component	Block	ANR	ANR without Gap	Bald hill	Total	Block 1600 plant without fencing @ Rs. 12465.60	Block 1000 plant without fencing @ Rs.10403.40	ANR with 200 plant @ Rs. 3475.50	ANR with 400 plant @ Rs. 3918.60	ANR with 600 plant @ Rs. 4571.70	ANR with 800 plant @ Rs. 5224.80	ANR without Gap @ Rs. 2927.40	Bald Hill without fencing @ Rs. 18939.90	Total (In Rs.)	Remarks
16	Rourkela	Diversion of 174.1595 ha forest land for four/six laning, widening and strengthening of existing two lane of NH-215 from 163 Km to 269 Km (Remuli-Rajamunda Section) by NHAI	PCA		33.678			33.678	0.00	0.00	117047.89	0.00	0.00			0.00	117047.89	
17	Rourkela	Diversion of 124.313 ha sabik forest in Bolani Iron Ore Mines (6.9 Sq miles) of M/s SAIL	CA		248.626			248.626	0.00	0.00	864099.66	0.00	0.00			0.00	864099.66	
18	Rourkela	Adaghat Mines of M/s National Enterprises	CA	0	13.674			13.674	0.00	0.00	47523.99	0.00	0.00			0.00	47523.99	
		Total Rourkela Division		37.673	295.978	0	0	333.651	469616.55	0.00	1028671.54	0.00	0.00	0.00	0.00	0.00	1498288.09	0
19	Deogarh	Diversion of 38.726 ha of forest land including re-diversion of 11.936 ha forest land from earlier diverted forest land of projects belonging to NTPC Ltd and MCL for mine void filling project of Talcher Super Thermal Power Station at Kaniha by NTPC Ltd.	CA	0	77.452			77.452	0.00	0.00	0.00	0.00	0.00	404671.21		0.00	404671.21	ANR with 800 Plants
		Total Deogarh Division		0	77.452	0	0	77.452	0.00	0.00	0.00	0.00	0.00	404671.21	0.00	0.00	404671.21	
20	Keonjhar WL	Diversion of 3.5936 ha forest land including 0.586 ha SZ in Rebena RF for pyrophyllite Mines by Shri K.B Pahi	PCA	0	1.1			1.1	0.00	0.00	0.00	0.00	5028.87			0.00	5028.87	ANR with 600 plants.
		Total Keonjhar WL Division		0	1.1	0	0	1.1	0.00	0.00	0.00	0.00	5028.87	0.00	0.00	0.00	5028.87	0

Sl No	Name of the Division	Name of the Project	Component	Block	ANR	ANR without Gap	Bald hill	Total	Block 1600 plant without fencing @ Rs. 12465.60	Block 1000 plant without fencing @ Rs.10403.40	ANR with 200 plant @ Rs. 3475.50	ANR with 400 plant @ Rs. 3918.60	ANR with 600 plant @ Rs. 4571.70	ANR with 800 plant @ Rs. 5224.80	ANR without Gap @ Rs. 2927.40	Bald Hill without fencing @ Rs. 18939.90	Total (In Rs.)	Remarks
21	Khurdha	Diversion of 8.094 ha forest land in favour of Xaviour Institute of Management in	PCA	0	24.282			24.282	0.00	0.00	84392.09	0.00	0.00			0.00	84392.09	
		Total Khurdha Division		0	24.282	0	0	24.282	0.00	0.00	84392.09	0.00	0.00	0.00	0.00	0.00	84392.09	
22	Nayagarh	Diversion of 98.632 ha forest land for construction of 765 KV/DC transmission line from Angul Pooling Station to Ramakrishnapuram Pooling Station in Srikakulam district of AP.	CA	0	197.264			197.264	0.00	0.00	0.00	0.00	901831.83			0.00	901831.83	
		Total Nayagarh Division		0	197.264	0	0	197.264	0.00	0.00	0.00	0.00	901831.83	0.00	0.00	0.00	901831.83	
23	Berhampur	Diversion of 3.792 ha forest land for development of Industrial Park/ Special Economic Zone (SEZ) by M/s Tata Steel Special Economic Zone Ltd.	CA	3.792				3.792	47269.56	0.00	0.00	0.00	0.00			0.00	47269.56	
			PCA		0.01357			0.01357	0.00	0.00	47.16	0.00	0.00			0.00	47.16	ANR with 200 Plants
		Total Berhampur Division		3.792	0.01357	0	0	3.80557	47269.56	0.00	47.16	0.00	0.00	0.00	0.00	0.00	47316.72	0
24	Rayagada	Diversion of 3.278 ha forest land in Bandhamundi Graphite Mines of M/s Pdadhan Industries	CA	3.278				3.278	40862.24	0.00	0.00	0.00	0.00			0.00	40862.24	
			PCA	16.39				16.39	204311.18	0.00	0.00	0.00	0.00			0.00	204311.18	
		Total Rayagada Division		19.668	0	0	0	19.668	245173.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	245173.42	

SI No	Name of the Division	Name of the Project	Component	Block	ANR	ANR without Gap	Bald hill	Total	Block 1600 plant without fencing @ Rs. 12465.60	Block 1000 plant without fencing @ Rs.10403.40	ANR with 200 plant @ Rs. 3475.50	ANR with 400 plant @ Rs. 3918.60	ANR with 600 plant @ Rs. 4571.70	ANR with 800 plant @ Rs. 5224.80	ANR without Gap @ Rs. 2927.40	Bald Hill without fencing @ Rs. 18939.90	Total (In Rs.)	Remarks
25	Kalahandi South	Diversion of balance 1177.211 ha forest land including 25.1070 ha Safety Zone in addition to 232.438 ha forest land already diverted within the total ML area of 1590.8673 ha in Gandhamardan B iron Mines of M/s OMC Ltd.	CA	0			270.591	270.591	0.00	0.00	0.00	0.00	0.00			5124966.48	5124966.48	As reported by DFO, Kalahandi South division CA over 270.591 ha has been achieved and 122.03 ha could not
26	Kalahandi South	Diversion of balance 517.888 ha forest land including 9.392 ha Safety Zone in addition to 133.112 ha forest land already diverted within total ML area of 651.00 ha in Kurmitar Iron & Manganese mines of M/s OMC Ltd.	CA		100	108.496	50	258.496	0.00	0.00	0.00	391860.00	0.00		317611.19	946995.00	1656466.19	As reported by DFO, Kalahandi South division CA over 258.496 ha has been achieved and 50 ha Bald hill plantation could not
27	Kalahandi South	Permission for exploratory drilling of 82 No of boreholes over 6.5495 ha including 4.9095 ha forest land for construction of road in Balipada-Mahagiri Chromite Mines by M/s OMC Ltd.	CA				4.9095	4.9095	0.00	0.00	0.00	0.00	0.00			92985.44	92985.44	

SI No	Name of the Division	Name of the Project	Component	Block	ANR	ANR without Gap	Bald hill	Total	Block 1600 plant without fencing @ Rs. 12465.60	Block 1000 plant without fencing @ Rs.10403.40	ANR with 200 plant @ Rs. 3475.50	ANR with 400 plant @ Rs. 3918.60	ANR with 600 plant @ Rs. 4571.70	ANR with 800 plant @ Rs. 5224.80	ANR without Gap @ Rs. 2927.40	Bald Hill without fencing @ Rs. 18939.90	Total (In Rs.)	Remarks	
28	Kalahandi South	Diversion of 79.30 ha forest land in Tiringpahar Mines of M/s OMC Ltd.	CA			0	0	0	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	As reported by DFO, Kalahandi South division CA over 70.078 ha(9.182 ha ANR without Gap + 60.896 ha
			CA				9.222	9.222	0.00	0.00	0.00	0.00	0.00	0.00	0.00		174663.76	174663.76	
29	Kalahandi South	Permission for use of 9.819 ha forest land within mining lease of 583.021 ha in Birasal Chromite Mines for undertaking exploratory drilling of 133 no boreholes of 4" dia (2.660 ha) and construction of road (7.159 ha) by M/s OMC Ltd.	CA				0	0	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	As reported by DFO, Kalahandi South division CA over 7.159 ha Bald Hill Plantation could not be taken up.
30	Kalahandi South	Permission forexploratory drilling of 96 No of boreholes over 9.696 ha hincluding 7.776 ha forest land for construction of road in Kaliapani Chromite Mines by M/s OMC Ltd.	CA				7.776	7.776	0.00	0.00	0.00	0.00	0.00	0.00		147276.66	147276.66		

Sl No	Name of the Division	Name of the Project	Component	Block	ANR	ANR without Gap	Bald hill	Total	Block 1600 plant without fencing @ Rs. 12465.60	Block 1000 plant without fencing @ Rs.10403.40	ANR with 200 plant @ Rs. 3475.50	ANR with 400 plant @ Rs. 3918.60	ANR with 600 plant @ Rs. 4571.70	ANR with 800 plant @ Rs. 5224.80	ANR without Gap @ Rs. 2927.40	Bald Hill without fencing @ Rs. 18939.90	Total (In Rs.)	Remarks
31	Kalahandi South	Permission for use of 14.642 ha forest land within mining lease of 936.22 ha in Kalarangi Chromite Mines for undertaking exploratory drilling of 214 no boreholes of 4" dia (2.68 ha) and construction of road (11.962 ha) by M/s OMC Ltd.	CA				8.962	8.962	0.00	0.00	0.00	0.00	0.00	0.00		169739.38	169739.38	
32	Kalahandi South	Diversion of 806.153 ha forest land including 16.601 ha for SZ in total ML area of 874.29 ha for iron ore mining in Sundargarh & Keonjhar district ny M/s Neelachal Ispat Nigam Ltd.	CA	0.00		341.00		341	0.00	0.00	0.00	0.00	0.00	0.00	998243.40	0.00	998243.40	As reported by DFO, Kalahandi South division CA over 341 ha ANR without gap has been achieved and 150 ha
			CA				45.00	45.00	0.00	0.00	0.00	0.00	0.00	0.00		852295.50	852295.50	
		Total Kalahandi South Division		0	100	449.496	396.461	945.9565	0.00	0.00	0.00	391860.00	0.00	0.00	1315854.59	7508922.22	9216636.81	
33	Bolangir	Diversion of 1038.187 ha forest land including 4.051 ha Safety Zone within the leasehold area of 1914.063 ha for Open Cast Mining Project of M/s Neyveli Lignite Corporation (NLC) India Ltd. (Earlier M/s MNH Shakti Ltd.)	CA	0	235			235	0.00	0.00	0.00	920871.00	0.00	0.00		0.00	920871.00	ANR with 400 Plants
			CA			80			80	0.00	0.00	0.00	313488.00	0.00	0.00		0.00	313488.00

SI No	Name of the Division	Name of the Project	Component	Block	ANR	ANR without Gap	Bald hill	Total	Block 1600 plant without fencing @ Rs. 12465.60	Block 1000 plant without fencing @ Rs.10403.40	ANR with 200 plant @ Rs. 3475.50	ANR with 400 plant @ Rs. 3918.60	ANR with 600 plant @ Rs. 4571.70	ANR with 800 plant @ Rs. 5224.80	ANR without Gap @ Rs. 2927.40	Bald Hill without fencing @ Rs. 18939.90	Total (In Rs.)	Remarks
34	Bolangir	Diversion of 1038.187 ha forest land including 4.051 ha Safety Zone within the leasehold area of 1914.063 ha for Open Cast Mining Project of M/s Neyveli Lignite Corporation (NLC) India Ltd. (Earlier M/s MNH Shakti Ltd.)	CA		343			343	0.00	0.00	0.00	1344079.80	0.00	0.00		0.00	1344079.80	ANR with 400 Plants
			CA		221			221	0.00	0.00	0.00	866010.60	0.00	0.00		0.00	866010.60	ANR with 400 Plants
35	Bolangir	Diversion of 8.094 ha forest land in favour of Xaviour Institute of Management in Bhubaneswar	CA	0	8.54			8.54	0.00	0.00	29680.77	0.00	0.00	0.00		0.00	29680.77	ANR with 200 Plants
		Total Bolangir Division		0	887.54	0	0	887.54	0.00	0.00	29680.77	3444449.40	0.00	0.00	0.00	0.00	3474130.17	
36	Subarnapur	Diversion of 1038.187 ha forest land including 4.051 ha Safety Zone within the leasehold area of 1914.063 ha for Open Cast Mining Project of M/s Neyveli Lignite Corporation (NLC) India Ltd. (Earlier M/s MNH Shakti Ltd.)	CA	0	140		220	360	0.00	0.00	0.00	0.00	0.00	731472.00		4166778.00	4898250.00	ANR with 800 Plants
		Total Subarnapur Division		0.000	140.000	0.000	220.000	360.000	0.00	0.00	0.00	0.00	0.00	731472.00	0.00	4166778.00	4898250.00	
		Grand Total		78.626	2546.227	449.496	727.852	3802.201	980120.27	33582.18	3368489.95	4514466.23	921215.84	1167492.01	1315854.59	14389535.87	26650517.97	

Third Year maintenance of other stipulation of 2020-21 to be carried out during 2022-23

Sl No	Name of the Division	Name of the Project	Component	Block	ANR	Total	Tree Plantation In Nos	Amount Required for third nd year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD						Remarks	
								Block 1600 plant without fencing @ Rs. 12465.60	ANR with 200 plant @ Rs. 3475.50	ANR with 400 plant @ Rs. 3918.60	ANR with 600 plant @ Rs. 4571.70	ANR with 800 plant @ Rs. 5224.80	Tree Plantation (urban mode) @ Rs. 68529.30 per 1000 plants		Total In Rs.)
1	Cuttack	Diversion of 115.05 ha Sabik Kissam forest land within total ML area of 116.76 ha in Sukinda Chromite Mines of M/s IMFA Ltd.	1.5 SZ	0.00	5.49	5.49		0.00	0.00	0.00	0.00	28684.15	0.00	28684.15	ANR with 800 plants.
2	Cuttack	Permission for use of 1.502 ha forest land within total PL area of 38.7568 ha in PL Block No III (Chromite) in Kaliapani & Kalarangiatta for exploratory drilling of 26 No of boreholes (0.52 ha) and construction of road (0.982 ha) by M/s OMC Ltd.	Tall Tree Plantation 982 Nos	0.982	0.00	0.982		12241.22	0.00	0.00	0.00	0.00	0.00	12241.22	
3	Cuttack	Diversion of balance 7.397 ha Sabik Kissam forest land in addition to already diverted forest land of 66.38 ha in Mahagiri Chromite Mines by M/s IMFA	1.5 SZ	3.705	0.00	3.705		46185.05	0.00	0.00	0.00	0.00	0.00	46185.05	
4	Angul	Exploratory Drilling Naini Coal Block	Tall Tree Plantation	0.00	0.00	0.00	1160	0.00	0.00	0.00	0.00	0.00	79493.99	79493.99	
												0.00	58000.00	58000.00	Maintenance of Bamboo gabion @ Rs.50/- per plant
5	Keonjhar WL	Diversion of 3.5936 ha forest land including 0.586 ha SZ in Revena RF for pyrophyllite Mines by Shri K.B Pahi	1.5 SZ	0.00	0.879	0.879		0.00	0.00	0.00	4018.52	0.00	0.00	4018.52	ANR 600 plants
6	Ghumsur South	Diversion of 98.632 ha forest land for construction of 765 KV/DC transmission line from Angul Pooling Station to Ramakrishnapuram Pooling Station in Srikakulam district of AP.	Dwarf Tree Plantation	0.265	2.003	2.268		3303.38	6961.43	0.00	0.00	0.00	0.00	10264.81	
7	Ghumsur North	Diversion of 98.632 ha forest land for construction of 765 KV/DC transmission line from Angul Pooling Station to Ramakrishnapuram Pooling Station in Srikakulam district of AP.	Dwarf Tree Plantation	0.051	0.389	0.44		635.75	1351.97	0.00	0.00	0.00	0.00	1987.72	
8	Nayagarh	Diversion of 98.632 ha forest land for construction of 765 KV/DC transmission line from Angul Pooling Station to Ramakrishnapuram Pooling Station in Srikakulam district of AP.	Dwarf Tree Plantation	1.42	10.75	12.17		17701.15	37361.63	0.00	0.00	0.00	0.00	55062.78	
9	Bonai	Permission for use of 0.732 ha forest land within undiverted DLC forest land of 27.369 ha out of total forest land of 76.882 ha in respect of Gouua Iron & Mn mines for	Tall Tree Plantation	0.00	0.00	0.00	240	0.00	0.00	0.00	0.00	0.00	16447.03	16447.03	

Sl No	Name of the Division	Name of the Project	Component	Block	ANR	Total	Tree Plantation In Nos	Amount Required for third nd year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD						Remarks		
								Block 1600 plant without fencing @ Rs. 12465.60	ANR with 200 plant @ Rs. 3475.50	ANR with 400 plant @ Rs. 3918.60	ANR with 600 plant @ Rs. 4571.70	ANR with 800 plant @ Rs. 5224.80	Tree Plantation (urban mode) @ Rs. 68529.30 per 1000 plants		Total (In Rs.)	
		exploratory drilling of 12 No of boreholes (in 0.12 ha) and for construction of road (in 0.612 ha) by Sri P.K. Ahluwalia.									0.00	12000.00	12000.00	Maintenance of Bamboo gabion @ Rs.50/- per plant		
10	Dhenkanal	Diversion of 98.632 ha forest land for construction of 765 KV/DC transmission line from Angul Pooling Station to Ramakrishnapuram Pooling Station in Srikakulam district of AP.	Dwarf Tree Plantation	0.819	6.43	7.249		10209.33	22347.47	0.00	0.00	0.00	32556.79			
11	Keonjhar	Diversion of 13.904 ha forest land including 1.214 ha SZ in Murugabeda Iron Mines by D.R Pattnaik	1.5 SZ	0.00	1.821	1.821		0.00	6328.89	0.00	0.00	0.00	6328.89			
12	Keonjhar	Diversion of balance 1177.211 ha forest land including 25.1070 ha Safety Zone in addition to 232.438 ha forest land already diverted within the total ML area of 1590.8673 ha in Gandhamardan B iron Mines of M/s OMC Ltd.	Gap Plantation	0.00	39.538	39.538		0.00	137414.32	0.00	0.00	0.00	137414.32			
13	Keonjhar	Diversion of 0.197 ha forest land for laying water pipeline by Jagannath Steel Ltd.	Avenue Plantation	0.00	0.00	0.00	630	0.00	0.00	0.00	0.00	0.00	74061.54	74061.54	Avenue @ Rs.29389.50 per 250 Plants	
														31500.00	31500.00	Maintenance of Bamboo gabion @ Rs.50/- per plant
			Plantation on bothside of road	0.00	12.00	12.00		0.00	41706.00	0.00	0.00	0.00		41706.00		
14	Keonjhar	Diversion of 3.8332 ha forest land including 0.6932 ha Safety Zone in Sirkaguta Iron & Mn Mines of M/s Prakash Industries Ltd.	1.5 SZ	0.00	1.50	1.50		0.00	0.00	5877.90	0.00	0.00	5877.90			
15	Keonjhar	Permission for use of 0.948 ha forest land within the undiverted forest land of 71.407 ha coming within ML area of 228.04 ha for exploratory drilling of 18 no of boreholes (in 0.180 ha) and construction of road(in 0.768 ha) in respect of Thakurani Iron mines of M/s Kaypee Enterprises/	Tall Tree Plantation	0.00	0.00	0.00	360	0.00	0.00	0.00	0.00	0.00	24670.55	24670.55		
16	Keonjhar	Permission for use of 2.690 ha forest land covering 277.956 ha coming within the ML area of 335.594 ha in Balda Iron Ore Mines of M/s Serajudin & Co.	Tree Plantation	0.00	0.00	0.00	1040	0.00	0.00	0.00	0.00	0.00	71270.47	71270.47		

Sl No	Name of the Division	Name of the Project	Component	Block	ANR	Total	Tree Plantation In Nos	Amount Required for third nd year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD						Remarks	
								Block 1600 plant without fencing @ Rs. 12465.60	ANR with 200 plant @ Rs. 3475.50	ANR with 400 plant @ Rs. 3918.60	ANR with 600 plant @ Rs. 4571.70	ANR with 800 plant @ Rs. 5224.80	Tree Plantation (urban mode) @ Rs. 68529.30 per 1000 plants		Total In Rs.)
17	Keonjhar	Permission for use of 2.964 ha forest land within undiverted forest land of 268.361 ha coming within the ML area of 767.284 ha in Nuagaon Iron Ore Mines of Sri K.J.S. Ahluwalia	Tree Plantation	0.00	0.00	0.00	940	0.00	0.00	0.00	0.00	0.00	64417.54	64417.54	
18	Keonjhar	Diversion of 124.313 ha sabik forest in Bolani Iron Ore Mines (6.9 Sq miles) of M/s SAIL	1.5 SZ	0.00	22.122	22.122		0.00	0.00	0.00	0.00	115583.03		115583.03	ANR with 800 plants.
			Gap Plantation	0.00	15.00	15.00		0.00	0.00	0.00	68575.50	0.00		68575.50	ANR with 600 plants.
19	Keonjhar	Diversion of 806.153 ha forest land including 16.601 ha for SZ in total ML area of 874.29 ha for iron ore mining in Sundargarh & Keonjhar district ny M/s Neelachal Ispat Nigam Ltd.	Green Zone	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00		0.00	
20	Keonjhar	Proposal for prospecting of minerals in 2.054 ha forest land pertaining to Guali Iron Mines of M/s R.P.Sao	Tree Plantation	0.00	0.00	0.00	680	0.00	0.00	0.00	0.00	0.00	46599.92	46599.92	
21	Sundargarh	Diversion of 24.424 ha forest land for construction of laying of LILO of both circuit of Rourkela- Raigarh 400 KVDC transmission line (2nd line) from existing 765/400 KV Pooling Sub-station at Kenapali to existing 400 KV/DC Rourkela-Raigarh transmission line by M/s PGCIL	Dwarf tree plantation	1.593	20.068	21.661		19857.70	69746.33	0.00	0.00	0.00		89604.03	
		Total		8.835	137.99	146.825	5050	110133.58	323218.02	5877.90	72594.02	144267.18	478461.05	1134551.75	

Fourth Year Maintenance cost of CA PCA Addl CA of 2019-20 to be carried out during 2022-23

SI No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Bald Hill in Ha	Total in Ha	Amount Required for third year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD (In Rs)							Remarks
								Block with 1600 plants @ Rs.5877.90 per Ha (AR Norm excluding fencing)	ANR with 200 plants per Ha @ Rs. 979.65 per Ha	ANR with 400 plants per Ha @ Rs 979.65 per Ha	ANR with 600 plants per Ha @ Rs.979.65 per Ha	ANR with 800 plants per Ha @ Rs.979.65 per Ha	Bald Hill Plantation @ Rs. 17307.15 per Ha.(excluding fencing cost)	Total	
1	Keonjhar	Diversion of 41.2442 ha of forest land for the broken up area out of proposed diversion of 117.9648 ha of forest land (216.3617 ha proposed originally) for mining of iron ore in Gandhamardan Block A of M/s OMC Ltd.	CA	0	41.2442	0	41.2442	0.00	0.00	40404.88	0.00	0.00	0.00	40404.88	DFO converted AR plantation to ANR with 400 plants
2	Keonjhar	Diversion of 41.2442 ha of forest land for the broken up area out of proposed diversion of 117.9648 ha of forest land (216.3617 ha proposed originally) for mining of iron ore in Gandhamardan Block A of M/s OMC Ltd.	PCA	0	166.94	0	166.94	0.00	163542.77	0.00	0.00	0.00	0.00	163542.77	
3	Keonjhar	Diversion of 151.94 ha forest land for four/six laning, widening and strengthening of existing two lane of NH-215 from 0.00 Km to 163.00 Km by NHAI (Panikoili-Remuli Section)	CA		303.88		303.88	0.00	297696.04	0.00	0.00	0.00	0.00	297696.042	
4	Rourkela	Diversion of 77.94 ha of forest land including 2.562 ha of safety zone area for development of mining infrastructure in Toda RF in ML-162 of M/s Steel Authority of India Ltd.	CA		63.628		63.628	0.00	0.00	62333.17	0.00	0.00	0.00	62333.17	ANR with 400 plants per Ha
5	Bonai	Diversion of 77.94 ha of forest land including 2.562 ha of safety zone area for development of mining infrastructure in Toda RF in ML-162 of M/s Steel Authority of India Ltd.	PCA		217.82		217.82	0.00	213387.36	0.00	0.00	0.00	0.00	213387.363	

Sl No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Bald Hill in Ha	Total in Ha	Amount Required for third year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD (In Rs)						Remarks	
								Block with 1600 plants @ Rs.5877.90 per Ha (AR Norm excluding fencing)	ANR with 200 plants per Ha @ Rs. 979.65 per Ha	ANR with 400 plants per Ha @ Rs 979.65 per Ha	ANR with 600 plants per Ha @ Rs.979.65 per Ha	ANR with 800 plants per Ha @ Rs.979.65 per Ha	Bald Hill Plantation @ Rs. 17307.15 per Ha.(excluding fencing cost)		Total
6	Sundargarh	Diversion of 88.899 ha forest land including 1.665 ha Safety Zone within total mining lease over 653.828 ha in Garjanbahal OCP by M/s MCL Ltd.	CA	0	177.798		177.798	0.00	0.00	0.00	174179.81	0.00	0.00	174179.81	ANR with 600 plants per Ha
7	Sundargarh	Diversion of 60.058 ha forest land for laying 2nd 765 KV?DC transmission line from Jharsuguda Pooling Station at Kenapali to Dharamjayagarh Pooling Station near Korba in Chhatisgarh State by M/s PGCIL	CA		120.116		120.116	0.00	117671.64	0.00	0.00	0.00	0.00	117671.64	
8	Sundargarh	Diversion of 18.910 ha Rev forest land for construction of 765 KV/DC transmission line from Pooling Station at Kenapali to Darlipali STPS of NTPC Ltd. By M/s PGCIL	CA		37.82		37.82	0.00	0.00	37050.36	0.00	0.00	0.00	37050.36	ANR with 400 plants per Ha
9	Angul	Diversion of 1.23 ha of forest land as per Sabik record for setting up Railway siding by M/s Global Coal Mining Private Ltd.	CA	1.23	0		1.23	7229.82	0.00	0.00	0.00	0.00	0.00	7229.82	
10	Angul	Diversion of 440.53 ha of forest land including 3.80 ha SZ in Hingula-II OCP Expansion Phase-II by M/s MCL	CA	0.00	882.00	0.00	882.00	0.00	864051.30	0.00	0.00	0.00	0.00	864051.30	
11	Cuttack	Diversion of 141.872 ha of forest land for construction of Angul-Duburi-Sukinda Road New BG Rail link project (98.70 Km) by East Coast Railway.	CA	82.00	0.00	0.00	82.00	481987.80	0.00	0.00	0.00	0.00	0.00	481987.80	

Sl No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Bald Hill in Ha	Total in Ha	Amount Required for third year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD (In Rs)							Remarks
								Block with 1600 plants @ Rs.5877.90 per Ha (AR Norm excluding fencing)	ANR with 200 plants per Ha @ Rs. 979.65 per Ha	ANR with 400 plants per Ha @ Rs 979.65 per Ha	ANR with 600 plants per Ha @ Rs.979.65 per Ha	ANR with 800 plants per Ha @ Rs.979.65 per Ha	Bald Hill Plantation @ Rs. 17307.15 per Ha.(excluding fencing cost)	Total	
12	Cuttack	Diversion of 141.872 ha of forest land for construction of Angul-Duburi-Sukinda Road New BG Rail link project (98.70 Km) by East Coast Railway.	CA	0.00	0.00	20.00	20.00	0.00	0.00	0.00	0.00	0.00	346143.00	346143.00	
13	Cuttack	Diversion of 330.972 ha of Sabik Kissam forest land as on 25.10.1980 in addition to already diverted forest land of 73.697 ha in Sukinda Chromite Mines by M/s Tata Steel Ltd.	CA	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0	No CA stipulation as the forest land diverted is Pre-80 broken up Area
14	Dhenkanal	Diversion of 141.872 ha of forest land for construction of Angul-Duburi-Sukinda Road New BG Rail link project (98.70 Km) by East Coast Railway.	CA	0.00	192.00		192.00	0.00	0.00	188092.80	0.00	0.00	0.00	188092.80	ANR with 400 plants per Ha
15	Dhenkanal	Diversion of 240.672 ha forest land including 2.776 ha SZ within the total ML area of 690.00 ha for Ananta Extension OCP (Phase-III) of M/s MCL Ltd.	CA		482.00		482	0.00	0.00	0.00	0.00	472191.30	0.00	472191.30	ANR with 800 plants per Ha
16	Koraput	Diversion of 11.377 ha of forest land for construction of 220KV (S/C) transmission line on DC tower from existing 220/33 KV sub-station of OPTCL at Laxmipur to premises of NALCo at Damanjodi in	CA	0.00	8.00	15.00	23.00	0.00	0.00	0.00	0.00	7837.20	259607.25	267444.45	ANR with 800 plants per Ha as per approved Scheme.
17	Koraput	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of	CA	0	96.419		96.419	0.00	94456.87	0.00	0.00	0.00	0.00	94456.87	Initially the CA scheme was 96.419 ha AR plantation.As forest growth came up in the identified CA area, DFO has

SI No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Bald Hill in Ha	Total in Ha	Amount Required for third year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD (In Rs)						Remarks	
								Block with 1600 plants @ Rs.5877.90 per Ha (AR Norm excluding fencing)	ANR with 200 plants per Ha @ Rs. 979.65 per Ha	ANR with 400 plants per Ha @ Rs 979.65 per Ha	ANR with 600 plants per Ha @ Rs.979.65 per Ha	ANR with 800 plants per Ha @ Rs.979.65 per Ha	Bald Hill Plantation @ Rs. 17307.15 per Ha.(excluding fencing cost)		Total
		for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	Addl CA for plantation of balance seedling	84.366			84.366	495894.91	0.00	0.00	0.00	0.00	0.00	495894.91	proposed to take up ANR with 200 plants in the identified NFL CA area of 96.419 ha and AR in 84.366 ha DFL for planting the balance seedlings.The revised CA scheme has already been approved by Competent
18	Koraput	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	CA	13.806			13.806	81150.29	0.00	0.00	0.00	0.00	0.00	81150.29	
19	Rayagada	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	CA	50			50	293895.00	0.00	0.00	0.00	0.00	0.00	293895.00	As reported by DFO, 50 ha AR plantation undertaken. 224.031 ha not undertaken
20	Rayagada	Diversion of 233.343 ha of DLC forest land including 10.283 of Safety Zone in Baplilimali Bauxite Mines by M/s Utkal Alumina International Ltd.	CA			146.113	146.113	0.00	0.00	0.00	0.00	0.00	2528799.61	2528799.61	As reported by DFO, 146.113 ha Bald Hill Plantation undertaken. 87.23 ha not undertaken.

Sl No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Bald Hill in Ha	Total in Ha	Amount Required for third year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD (In Rs)						Remarks	
								Block with 1600 plants @ Rs.5877.90 per Ha (AR Norm excluding fencing)	ANR with 200 plants per Ha @ Rs. 979.65 per Ha	ANR with 400 plants per Ha @ Rs 979.65 per Ha	ANR with 600 plants per Ha @ Rs.979.65 per Ha	ANR with 800 plants per Ha @ Rs.979.65 per Ha	Bald Hill Plantation @ Rs. 17307.15 per Ha.(excluding fencing cost)		Total
21	Kalahandi South	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	CA			46.387	46.387	0.00	0.00	0.00	0.00	0.00	802826.77	802826.77	
22	Sambalpur	Diversion of 17.908 ha of forest land for expansion of existing Integrated Steel Plant by M/s SMC Power Generation Ltd.	CA	0			0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	As reported by DFO, AR 1.521 ha not undertaken.
23	Jharsuguda	Diversion of 17.908 ha of forest land for expansion of existing Integrated Steel Plant by M/s SMC Power Generation Ltd.	CA	16.387			16.387	96321.15	0.00	0.00	0.00	0.00	0.00	96321.15	
24	Jharsuguda	Diversion of 17.908 ha of forest land for expansion of existing Integrated Steel Plant by M/s SMC Power Generation Ltd.	PCA		37.00		37.00	0.00	0.00	36247.05	0.00	0.00	0.00	36247.05	ANR with 400Plants per Ha
		Total		247.7890	2826.6652	227.5000	3301.9542	1456478.96	1750805.99	364128.26	174179.81	480028.50	3937376.63	8162998.15	

Fourth Year Maintenance cost of Left over Canal Bank Plantation of 2019-20 to be carried out during 2022-23

SI No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	ANR without Gap Plantation In Ha	Canal Bank Plantation	Total in Ha	Canal Bank Plantation (In Avenue Plantation Mode)	Total	Remarks
1	Khariar	Lower Indra Maj Irrigation Project	Canal Bank Plantation	0	0	0	31.1 RKM	31.1 RKM	0.00	0.00	No 4th year maintenance as per approved scheme.
		Total Canal Bank Plantation		0	0	0	31.1 RKM	31.1 RKM	0	0.00	

Fourth Year Maintenance cost of Left over CA of 2019-20 to be carried out during 2022-23

SI No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	ANR without Gap Plantation In Ha	Canal Bank Plantation	Total in Ha	Amount Required for fourth year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD				Remarks
									Block with 1600 plants @ Rs.5877.90 per Ha (AR Norm excluding fencing)	ANR with 400 plants per Ha @ Rs 979.65 per Ha	ANR without Gap Plantation Rs.1084.65 per Ha	Total	
1	Kalahandi South	Diversion of 279.351 ha Forrest land incuding 2.790 ha Safety zone area in addtion to 146.047 ha Forest land already diverted in South Kaliapani Crohmite mines by M/S OMC Ltd	CA	0	4.48	0	0	4.48	0	4388.83	0	4388.83	4.48 ha AR plantation converted to ANR with 400 plants by DFO.
2	Sundargarh	Diversion of 276.655 ha forest land including 4.42 ha of Safety Zone and 76.19 ha area which is to be treated as FOREST as per dictionary meaning in Manoharpur Coal Block of IB Valley Coalfield in Sundargarh District by OPGC Ltd.	CA	0	0	67.27	0	67.27	0	0.00	72964.4055	72964.41	
3	Sundargarh	Diversion of 276.655 ha forest land including 4.42 ha of Safety Zone and 76.19 ha area which is to be treated as FOREST as per dictionary meaning in Manoharpur Coal Block of IB Valley Coalfield in Sundargarh District by OPGC Ltd.	CA	0	0	3.10	0.00	3.10	0	0.00	3362.415	3362.42	
4	Sundargarh	TRB Iron ore minning lease of Jindal Strips Ltd. now Jindal Steel & Power Ltd.	CA	0	0	22.80	0.00	22.80	0	0.00	24730.02	24730.02	
		Total CA		0.00	4.48	93.17	0.00	97.65	0.00	4388.83	101056.84	105445.67	

Fourth Year Maintenance cost of Other Stipulations of 2019-20 to be carried out during 2022-23

Sl No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Bald Hill	Total in Ha	Amount Required for fourth year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD						Remarks	
								Block with 1600 plants @ Rs.5877.90 per Ha (AR Norm excluding fencing)	ANR with 200 plants per Ha @ Rs. 979.65 per Ha	ANR with 400 plants per Ha @ Rs 979.65 per Ha	ANR with 600 plants per Ha @ Rs.979.65 per Ha	ANR with 800 plants per Ha @ Rs.979.65 per Ha	Bald Hill Plantation @ Rs. 17307.15 per Ha.(excluding fencing cost)		Total
1	Keonjhar	Diversion of 41.2442 ha of forest land for the broken up area out of proposed diversion of 117.9648 ha of forest land (216.3617 ha proposed originally) for mining of iron ore in Gandhamardan Block A of M/s OMC Ltd.	SZ	0	3.029	0	3.029	0	2967.36	0	0	0	0	2967.35985	
2	Keonjhar	Diversion of 41.2442 ha of forest land for the broken up area out of proposed diversion of 117.9648 ha of forest land (216.3617 ha proposed originally) for mining of iron ore in Gandhamardan Block A of M/s OMC Ltd.	1.5 SZ	0	4.5435	0	4.5435	0	4451.04	0	0	0	0	4451.039775	
3	Keonjhar	Diversion of 151.94 ha forest land for four/six laning, widening and strengthening of existing two lane of NH-215 from 0.00 Km to 163.00 Km by NHA I (Panikoli-Remuli Section)	10 time tree plantation	0	501.60	0.00	501.60	0	1559976.00	0	0	0	0	1559976.00	ANR with 300 Plants per Ha . As per approved scheme Rs 3110/- per ha.
4	Sundargarh	Diversion of 88.899 ha forest land including 1.665 ha Safety Zone within total mining lease over 653.828 ha in Garjanbahal OCP by M/s MCL Ltd.	1.5 SZ	0.00	2.50		2.50	0	0.00	2449.13	0	0	0	2449.13	ANR with 400 Plants per Ha
5	Sundargarh	Diversion of 88.899 ha forest land including 1.665 ha Safety Zone within total mining lease over 653.828 ha in Garjanbahal OCP by M/s MCL Ltd.	Gap Plantation		19.54		19.54	0	60769.40	0	0	0	0	60769.40	ANR with 300 Plants per Ha . As per approved scheme Rs 3110/- per ha.
6	Sundargarh	Diversion of 60.058 ha forest land for laying 2nd 765 KV?DC transmission line from Jharsuguda Pooling Station at Kenapali to Dharamjayagarh Pooling Station near Korba in Chhatisgarh State by M/s PGCIL	Dwarf Tree Plantation	8.964	42.130		51.094	52689.50	41272.65	0	0	0	0	93962.15	

Sl No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Bald Hill	Total in Ha	Amount Required for fourth year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD						Remarks	
								Block with 1600 plants @ Rs.5877.90 per Ha (AR Norm excluding fencing)	ANR with 200 plants per Ha @ Rs. 979.65 per Ha	ANR with 400 plants per Ha @ Rs 979.65 per Ha	ANR with 600 plants per Ha @ Rs.979.65 per Ha	ANR with 800 plants per Ha @ Rs.979.65 per Ha	Bald Hill Plantation @ Rs. 17307.15 per Ha.(excluding fencing cost)		Total
7	Sundargarh	Diversion of 18.910 ha Rev forest land for construction of 765 KV/DC transmission line from Pooling Station at Kenapali to Darlipali STPS of NTPC Ltd. By M/s PGCIL	Dwarf Tree Plantation	2.822	13.263		16.085	16587.43	12993.10	0	0	0	0	29580.53175	
8	Koraput	Diversion of 11.377 ha of forest land for construction of 220KV (S/C) transmission line on DC tower from existing 220/33 KV substation of OPTCL at Laxmipur to premises of NALCo at Damanjodi in Koraput District by M/s NALCo Ltd.	Dwarf Tree Plantation	9.00	0.00	0.00	9.00	249111.00	0.00	0	0	0	0	249111.00	3333 plants per Ha @ Rs 27679- per ha as per approved Scheme @ Rs.311/- MD
9	Koraput	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	1.5 SZ			27.147	27.147	0	0.00	0	0	0	469837.201	469837.20	
10	Koraput	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	Gap Plantation		225.00		225.00	0	0.00	0	0	220421.25	0	220421.25	ANR with 800 Plants per Ha
11	Koraput	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	Soil Conservation	0	500.00	100	600.00	0	0.00	293895	0	195930	1730715	2220540.00	ANR @ 400 Plants per ha over 300 ha, ANR @ 800 Plants per ha over 200 ha. Bald Hill plantation without fencing over 100 ha

SI No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Bald Hill	Total in Ha	Amount Required for fourth year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD						Remarks	
								Block with 1600 plants @ Rs.5877.90 per Ha (AR Norm excluding fencing)	ANR with 200 plants per Ha @ Rs. 979.65 per Ha	ANR with 400 plants per Ha @ Rs 979.65 per Ha	ANR with 600 plants per Ha @ Rs.979.65 per Ha	ANR with 800 plants per Ha @ Rs.979.65 per Ha	Bald Hill Plantation @ Rs. 17307.15 per Ha.(excluding fencing cost)		Total
12	Rayagada	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	Gap Plantation		35.00		35.00	0	0.00	0	0	34287.75	0	34287.75	ANR with 800 Plants per Ha
13	Rayagada	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	Soil Conservation		200.00		200.00	0	0.00	0	0	195930	0	195930.00	ANR with 800 Plants per Ha
14	Rayagada	Diversion of 233.343 ha of DLC forest land including 10.283 of Safety Zone in Bapilimali Bauxite Mines by M/s Utkal Alumina International Ltd.	1.5 SZ		23.64		23.64	0	0.00	0	0	23158.93	0	23158.93	ANR with 800 Plants per Ha
15	Rayagada	Diversion of 233.343 ha of DLC forest land including 10.283 of Safety Zone in Bapilimali Bauxite Mines by M/s Utkal Alumina International Ltd.	Gap Plantation		37.53		37.53	0	36766.26	0	0	0	0	36766.26	
16	Angul	Diversion of 240.672 ha forest land including 2.776 ha SZ within the total ML area of 690.00 ha for Ananta Extension OCP (Phase-III) of M/s MCL Ltd.	1.5 SZ	0	4.2	0	4.20	0	4114.53	0	0	0	0	4114.53	
17	Angul	Diversion of 240.672 ha forest land including 2.776 ha SZ within the total ML area of 690.00 ha for Ananta Extension OCP (Phase-III) of M/s MCL Ltd.	Gap Plantation		49.587		49.587	0	48577.90	0	0	0	0	48577.90	
18	Cuttack	Diversion of 330.972 ha of Sabik Kissam forest land as on 25.10.1980 in addition to already diverted forest land of 73.697 ha in Sukinda Chromite Mines by M/s Tata Steel Ltd.	Gap Plantation			28.60	28.60	0	0.00	0	0	0	494984.49	494984.49	Bald Hill plantation with 800 plants per Ha.
			Total	20.786	1661.563	155.747	1838.096	318387.93	1771888.25	296344.13	0.00	669727.93	2695536.69	5751884.92	

Fifth year maintenance cost of Back log CA of old projects (for the projects approved from 1982 to 2004) of 2018-19 to be carried out during 2022-23

SI No	Name of the Division	Name of the Project	Component	Block In Ha	ANR with 200 Plants per Ha (In Ha)	Total In Ha	Amount Required for fifth year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs 311/- per MD			Remarks
							Block with 1600 plants per without fencing @ Rs.5877.90 per Ha	ANR with 200 plants per Ha @ Rs.979.65 per Ha	Total	
1	Keonjhar	Daitary- Bansapani Railwayline	CA	0.0000	0.0000	0.0000	0.00	0.00	0.00	No Fifthth year maintenance as per approved Scheme
				0.0000	0.0000	0.0000	0.00	0.00	0.00	No Fifthth year maintenance as per approved Scheme
2	Keonjhar	Joda-Bamebari Express Way-II	CA	0.0000	0.0000	0.0000	0.00	0.00	0.00	No Fifthth year maintenance as per approved Scheme
3	Keonjhar	Balani SAIL (5.10 Sq Mile)	CA	0.0000	0.0000	0.0000	0.00	0.00	0.00	No Fifthth year maintenance as per approved Scheme
	Keonjhar	Balani SAIL (5.10 Sq Mile)	CA	0.0000	0.0000	0.0000	0.00	0.00	0.00	No Fifthth year maintenance as per approved Scheme
4	Keonjhar	Belakundi Mines of M/s OMDC Ltd.	CA	0.0000	0.0000	0.0000	0.00	0.00	0.00	No Fifthth year maintenance as per approved Scheme
5	Keonjhar	Palsa-Jaribahal M/s Patnaik Minerals	CA	0.0000	0.0000	0.0000	0.00	0.00	0.00	No Fifthth year maintenance as per approved Scheme
6	Keonjhar	Thakurani Iron Mines of M/s Kaypee Enterprices	PCA	0.0000	0.0000	0.0000	0.00	0.00	0.00	No Fifthth year maintenance as per approved Scheme
7	Keonjhar	Balda Block Iron Mines of M/s Serajudin & Co	CA	0.0000	0.0000	0.0000	0.00	0.00	0.00	No Fifthth year maintenance as per approved Scheme
8	Keonjhar	Thakurani Iron Mines of M/s Sarada Mines Ltd.	CA	0.0000	0.0000	0.0000	0.00	0.00	0.00	No Fifthth year maintenance as per approved Scheme
9	Bonai	Tailing Dam foe water supply to SAIL Rourkela	CA	0.0000	0.0000	0.0000	0.00	0.00	0.00	No Fifthth year maintenance as per approved Scheme
10	Deogarh	Rengali Maj IP	CA	35.5800	0.0000	35.5800	209135.68	0.00	209135.68	
11	Cuttack	Construction of Steel Plant in Duburi area by M/s. Nilachal Ispat Nigam Ltd .	CA/PCA	0.0000	0.0000	0.0000	0.00	0.00	0.00	No Fifthth year maintenance as per approved Scheme
12	Rourkela	Setting of 2x3 KW FM Transmitter of AIR on Durgapur Hill Top	CA	0.0000	0.0000	0.0000	0.00	0.00	0.00	No Fifthth year maintenance as per approved Scheme
		Total		35.5800	0.0000	35.5800	209135.68	0.00	209135.68	

Fifth Year Maintenance of CA PCA Addl CA of 2018-19 to be carried out during 2022-23

SI No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total in Ha	Amount Required for fifth year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs311/- MD			Remarks
							Block with 1600 plants per Ha without fencing @ Rs. 5877.90	ANR with 200 plants per Ha @ Rs. 979.65 per Ha	Total	
Current Projects										
1	Jharsuguda	Diversions of 159.18 ha of forest land including 2.51 ha Safety Zone for expansion of Lajkura OCP by M/s MCL Ltd.	CA	0.00	100.00	100.00	0.00	97965.00	97965.00	
	Bamra WL	Diversions of 159.18 ha of forest land including 2.51 ha Safety Zone for expansion of Lajkura OCP by M/s MCL Ltd.	CA	0.00	213.34	213.34	0.00	208998.53	208998.53	
2	Sundargarh	Construction of Belt Conveyor Corridor for transportation of Washed Coal from Hemgiri Coal Washery to Railway Siding by M/s ACB (India) Ltd.	CA	2.929	0.00	2.929	17216.37	0.00	17216.37	
3	Chandaka WL	Diversions of 0.2931 ha of forest land for the existing Earth Station of Software Technology Parks of India over Plot No GD-1/B (S-3) Chadrasekharpur, Bhubaneswar.	PCA (2344 Plants)	1.465	0.00	1.465	142370.58	0.00	142370.58	Block Plantation in Urban Tree Plantation Mode.5th year cost @ Rs. 60738.30 per 1000 Nos.
4	Rourkela	Diversions of 18.053 ha (17.373 ha for minig and allied activities + 0.68 ha for Safety Zone purpose) of forest land for Kusumdihi and Kamando Bauxite & Mn mines by M/s Rungta Sons (P) Ltd	CA	9.654	0.00	9.654	56745.25	0.00	56745.25	
	Bonai	Diversions of 18.053 ha (17.373 ha for minig and allied activities + 0.68 ha for Safety Zone purpose) of forest land for Kusumdihi and Kamando Bauxite & Mn mines by M/s Rungta Sons (P) Ltd	CA	7.719	0.00	7.719	45371.51	0.00	45371.51	

Sl No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total in Ha	Amount Required for fifth year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs311/- MD			Remarks
							Block with 1600 plants per Ha without fencing @ Rs. 5877.90	ANR with 200 plants per Ha @ Rs. 979.65 per Ha	Total	
	Bonai	Diversion of 18.053 ha (17.373 ha for minig and allied activities + 0.68 ha for Safety Zone purpose) of forest land for Kusumdihi and Kamando Bauxite & Mn mines by M/s Rungta Sons (P) Ltd	PCA	0	90.265	90.265	0.00	88428.11	88428.11	
5	Keonjhar WL	Diversion of 8.09 ha of DLC forest land for extraction of stone boulder to be used for construction of Panikoili-Remuli four lane project NH-215 by M/s Gayatri Ltd.	CA	8.09	0.00	8.09	47552.21	0.00	47552.21	
6	Bonai	Diversion of 28.324 ha forest land (including 2.685 ha SZ) in village Kusumdihi and Kamando Mn Mines by M/s OMM (P) Ltd.during 3rd renewal of mining lease.	CA	0	0.00	0	0.00	0.00	0.00	Block Plantation 8.217 ha not achieved.
	Bonai	Diversion of 28.324 ha forest land (including 2.685 ha SZ) in village Kusumdihi and Kamando Mn Mines by M/s OMM (P) Ltd.during 3rd renewal of mining lease.	PCA	0	84.972	84.972	0.00	83242.82	83242.82	
7	Sundargarh	Diversion of 19.70 ha of forest land for establishment of Railway corridor of Darlipali Super Thermal Power Project of M/s NTPC Ltd.	CA	39.40	0.00	39.40	231589.26	0.00	231589.26	
8	Jharsuguda	Diversion of 0.82 ha of forest land for laying of 132 KV transmission line by M/s SMC Power Generation Ltd at Village Hirma	CA (plantation inside and around the project area)	1.00	0.00	1.00	5877.90	0.00	5877.90	
	Jharsuguda	Diversion of 0.82 ha of forest land for laying of 132 KV transmission line by M/s SMC Power Generation Ltd at Village Hirma	PCA	4.10	0.00	4.10	24099.39	0.00	24099.39	

Sl No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total in Ha	Amount Required for fifth year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs311/- MD			Remarks
							Block with 1600 plants per Ha without fencing @ Rs. 5877.90	ANR with 200 plants per Ha @ Rs. 979.65 per Ha	Total	
9	Keonjhar	Diversion of 30.980 ha forest land for Iron ore mining by M/s Sree Metalicks Ltd.	CA	0.00	31.00	31.00	0.00	30369.15	30369.15	ANR with gap plantation @ 400 plants per ha. 5th year maintenance cost @ Rs. 979.65 per Ha.
	Keonjhar	Diversion of 30.980 ha forest land for Iron ore mining by M/s Sree Metalicks Ltd.	ACA	0.00	31.00	31.00	0.00	30369.15	30369.15	
10	Angul	Diversion of 12.63 ha of forest land for laying of slurry pipe line for disposal of ash from Captive Power Plant (CPP) of NALCO to Bharatpur South Coal Block of MCL and to bring back decanted water from the mines after treatment to CPP for re-use.	CA	0.00	26.00	26.00	0.00	25470.90	25470.90	
11	Dhenkanal	Diversion of 12.63 ha of forest land for laying of slurry pipe line for disposal of ash from Captive Power Plant (CPP) of NALCO to Bharatpur South Coal Block of MCL and to bring back decanted water from the mines after treatment to CPP for re-use.	Addl CA	0.00	13.485	13.485	0.00	13210.58	13210.58	ANR with gap plantation @ 600 plants per ha. 5th year maintenance cost @ Rs. 979.65 per Ha.
11	Jharsuguda	Diversion of 3.885 ha forest land in village Talmal for development of Jharsuguda Airport	CA	0.00	3.885	3.885	0.00	3805.94	3805.94	ANR with gap plantation @ 800 plants per ha. 5th year maintenance cost @ Rs. 979.65 per Ha.
12	Angul	Diversion of 6.682 ha of forest land for coal transportation to coal washery by M/s Jindal Steel & Power Ltd.	CA	6.682	0.00	6.682	39276.13	0.00	39276.13	
13	Keonjhar	Diversion of 0.1959 ha forest land for laying of slurry pipeline within Naibuga RF of Jhumpura Tahasil of Keonjhar District by M/s BRPL Ltd	CA 0.1959 ha	0.1959	0.00	0.1959	1151.48	0.00	1151.48	

Sl No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total in Ha	Amount Required for fifth year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs311/- MD			Remarks
							Block with 1600 plants per Ha without fencing @ Rs. 5877.90	ANR with 200 plants per Ha @ Rs. 979.65 per Ha	Total	
	Keonjhar	Diversion of 0.1959 ha forest land for laying of slurry pipeline within Naibuga RF of Jhumpura Tahasil of Keonjhar District by M/s	PCA 0.5977 ha	0.00	0.5977	0.5977	0.00	585.54	585.54	
14	Khurdha	Diversion of 23.908 ha forest land for construction of LILO of both circuit of 400 KV Baripada-Mendhasal D/C transmission line from existing Mendhasal substation by PGCIL	CA	0.00	47.816	47.816	0.00	46842.94	46842.94	
15	Jharsuguda	Diversion of additional 22.48 ha forest land including 0.614 ha SZ in addition to already diverted 313.052 ha forest land for expansion of Samaleswar OCP by M/s MCL Ltd.	CA	44.00	0.00	44.00	258627.60	0.00	258627.60	
		Total		125.2349	642.3607	767.5956	736118.22	629288.66	1499166.33	
		Left Over Projects					0.00	0.00		
16	Keonjhar	Deojhar Iron Mines of M/s Tarini Minerals Ltd.	PCA	0.00	68.73	68.730	0.00	67331.34	67331.34	PCA stipulated in Stage-II approval Order.
17	Dhenkanal	Integrated Steel Plant by M/s Bhushan Steel & Strips Ltd.	PCA	0.00	47.76	47.76	0.00	46788.08	46788.08	PCA stipulated in Stage-II approval Order.
	Dhenkanal	Integrated Steel Plant by M/s Bhushan Steel & Strips Ltd.	PCA	0.00	307.40	307.40	0.00	301144.41	301144.41	PCA stipulated in Stage-II approval Order.
		Total		0.0000	423.8900	423.8900	0.00	415263.84	415263.84	
		Grand Total		125.2349	1066.2507	1191.4856	736118.22	1044552.50	1914430.17	

Fifth Year maintenance of other stipulations of 2018-19 to be carried out during 2022-23

Sl No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total in Ha	Amount Required for fifth year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs 311/- MD			Remarks
							Block with 1600 plants per Ha withou fencing @ Rs. 5877.90	ANR with 200 plants per Ha @ Rs. 979.65 per Ha	Total	
(A) Current Projects										
1	Jharsuguda	Diversion of 159.18 ha of forest land including 2.51 ha Safety Zone for expansion of Lajkura OCP by M/s MCL Ltd.	SZ	0	4.004	4.004	0.00	3922.52	3922.52	
2	Jharsuguda	Diversion of 159.18 ha of forest land including 2.51 ha Safety Zone for expansion of Lajkura OCP by M/s MCL Ltd.	1.5 SZ	3.765	0	3.765	22130.29	0.00	22130.29	
3	Jharsuguda	Diversion of 159.18 ha of forest land including 2.51 ha Safety Zone for expansion of Lajkura OCP by M/s MCL Ltd.	Gap Plantation	0	36.71	36.71	0.00	35962.95	35962.95	
4	Jharsuguda	Diversion of 0.82 ha of forest land for laying of 132 KV transmission line by M/s SMC Power Generation Ltd at Village Hirma	Dwarf tree plantation	0	0.82	0.82	0.00	803.31	803.31	
5	Bonai	Diversion of 28.324 ha forest land (including 2.685 ha SZ) in village Kusumdihi and Kamando Mn Mines by M/s OMM (P) Ltd.during 3rd renewal of mining lease.	SZ	1.354	1.835	3.189	7958.68	1797.66	9756.33	
6	Bonai	Diversion of 28.324 ha forest land (including 2.685 ha SZ) in village Kusumdihi and Kamando Mn Mines by M/s OMM (P) Ltd.during 3rd renewal of mining lease.	1.5 SZ	0	4.028	4.028	0.00	3946.03	3946.03	
7	Keonjhar	Diversion of 30.980 ha forest land for Iron ore mining by M/s Sree Metalicks Ltd.	SZ	0	3.26	3.26	0.00	3193.66	3193.66	ANR with gap plantation @ 400 plants per ha. 5th year cost @Rs. 979.65 per Ha.
8	Keonjhar	Diversion of 30.980 ha forest land for Iron ore mining by M/s Sree Metalicks Ltd.	1.5 SZ	0	7.191	7.191	0.00	7044.66	7044.66	
9	City	Diversion of 23.908 ha forest land for construction of LILO of both circuit of 400 KV Baripada-Mendhasal D/C transmission line from existing Mendhasal substation by PGCIL	Dwarf tree plantation	4.409	2.939	7.348	25915.66	2879.19	28794.85	
10	Khurdha	Diversion of 23.908 ha forest land for construction of LILO of both circuit of 400 KV Baripada-Mendhasal D/C transmission line from existing Mendhasal substation by PGCIL	Dwarf tree plantation	0	0	0	0.00	0.00	0.00	As reported by RCCF Bhubaneswar AR 8.064 ha and ANR 5.376 ha could not be taken up
11	Jharsuguda	Diversion of additional 22.48 ha forest land including 0.614 ha SZ in addition to already diverted 313.052 ha forest land for expansion of Samaleswar OCP by M/s MCL Ltd.	SZ	0	3.694	3.694	0.00	3618.83	3618.83	

Sl No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total in Ha	Amount Required for fifth year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs 311/- MD			Remarks
							Block with 1600 plants per Ha withou fencing @ Rs. 5877.90	ANR with 200 plants per Ha @ Rs. 979.65 per Ha	Total	
12	Jharsuguda	Diversion of additional 22.48 ha forest land including 0.614 ha SZ in addition to already diverted 313.052 ha forest land for expansion of Samaleswar OCP by M/s MCL Ltd.	1.5 SZ	0.921	0	0.921	5413.55	0.00	5413.55	
13	Jharsuguda	Diversion of additional 22.48 ha forest land including 0.614 ha SZ in addition to already diverted 313.052 ha forest land for expansion of Samaleswar OCP by M/s MCL Ltd.	Gap Plantation	0	14.82	14.82	0.00	14518.41	14518.41	
		Total		10.449	79.301	89.750	61418.18	77687.22	139105.40	
		(B) Left Over Projects						0.00		
14	Baripada	Subarnarekha Maj Irrigation Project	CATP	0.00	0.00	0.00	0.00	0.00	0.00	As reported by DFO, Baripada division AR 150 ha, ANR 200 ha, Bamboo Plantation 65 ha, Sisal Plantation 45 ha and Vertiver Grass Plantation 35 ha (Total 495 ha)could not be taken up.
15	Baripada	Subarnarekha Maj Irrigation Project	CATP	0.00	0.00	0.00	0.00	0.00	0.00	As reported by DFO, Baripada division AR 150 ha, ANR 225 ha, Bamboo Plantation 50 ha, Sisal Plantation 40 ha and Vertiver Grass Plantation 40 ha (Total 505 ha) could not be taken up.
		Total		0.00	0.00	0.00	0.00	0.00	0.00	
		Total A +B		10.449	79.301	89.75	61418.18	77687.22	139105.40	
		(C) Other Stipulations						0.00		
16	Dhenkanal	Laying of Water Pipiline and construction of Railway Siding in Kharagprasad by M/s Naba Bharat Ventures Ltd.	Avenue Plantation	0	0	640 No of trees	0.00	0.00	66877.44	5th year maintenance cost of Avenue Plantation @ Rs 26124/- per 250 plants
17	Berhampur	Construction of Light House at Prayagi	10 time tree plantation 1660 Nos	0.00	0.00		0.00	0.00		No 5th Year Maintenance as per approved scheme.
		Total				640			66877.44	
		Grand Total A+B+C							205982.84	

Fifth Year maintenance of Surrendered CA,PCA,Addl CA of 2018-19 to be taken up during 2022-23

SI No	Name of the Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total Area in Ha	Amount Required for fifth year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs311/- per MD			Remarks
							Block with 1600 plants per ha without fencing @ Rs. 5877.90	ANR with 200 plants per Ha @ Rs. 979.65 per Ha	Total	
1	Keonjhar WL	Dairy Expansion Project of M/s OMC Ltd.	CA	0.0000	42.0000	42.0000	0.00	41145.30	41145.30	Out of AR 46 ha , 4 ha AR taken up during 2017-18. 42 ha AR converted to ANR by DFO as Forest growth came up in the CA area and taken up during 2018-19.
2	Keonjhar WL	Jilling - Longlota Mines of M/s Essel Mining & Industries Ltd.	CA	0.0000	30.8047	30.8047	0.00	30177.82	30177.82	30.8047 ha AR converted to ANR by DFO as Forest growth came up in the CA area and taken up during 2018-19
3	Cuttack	South Kaliapani Chromite Mines of M/s OMC Ltd.	PCA	3.2200	0.0000	3.2200	18926.84	0.00	18926.84	Not undertaken during 2017-18 and DFO proposed to take up during 2018-19.
		Total		3.2200	72.8047	76.0247	18926.84	71323.12	90249.96	

Fifth Year maintenance of Other Stipulation of 2018-19 to be taken up during 2022-23

SI No	Name of the Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total in Ha	Amount Required for fifth year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs311/- per MD				
							Block with 1600 plants per ha without fencing @ Rs. 5877.90	ANR with 200 plants per Ha @ Rs. 979.65 per Ha	Avenue Plantation @ Rs.26124/- per 250 plants.	Total	
1	City	Construction of 4/6 laning of Bhubaneswar to Puri NH-203	Avenue Plantation	0	0	5000 Nos	0.00	0.00	522480.00	522480.00	As reported by DFO City division, 5000 Nos has been planted out of 8000Nos.
2	Puri WL	Construction of 4/6 laning of Bhubaneswar to Puri NH-203	Avenue Plantation	0	0	2000 Nos	0.00	0.00	208992.00	208992.00	As reported by DFO Puri WL division, out of target of 7959 nos, 2000 nos could be planted.Avenue plantation.
3	Berhampur	Ganjam-Sunakhala NH	Avenue Plantation	0	0	0	0.00	0.00		0.00	As reported by DFO Berhampur division 30.348 RKM avenue plantation could not be taken up.
			Median Plantation	0	0	0	0.00	0.00		0.00	As reported by DFO Berhampur division 5.531 Km median plantation could not be taken up.
Total			Avenue Plantation of 7000 Nos				0.00	0.00	731472.00	731472.00	

Sixth Year Maintenance of Surrendered CA, PCA, Addl CA and Special Plantation of 2017-18 to be taken up during 2022-23

SI No	Name of the Division	Name of the Project	CA/PCA/Addl CA	Block in Ha	ANR in Ha	Bald Hill in Ha	Total in Ha	Amount Required for fourth year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- MD					Remarks
								Block @ Rs. 5877.90 per Ha	ANR with 200 plants per Ha @ Rs.979.65 per Ha	ANR with 400 plants per Ha @ Rs.979.65 per Ha	Bald Hill @ Rs. 17307.15 per Ha	Total	
1	Sundargarh	TRB Iron ore minning lease of Jindal Strips Ltd. now Jindal Steel & Power Ltd.	CA	0.000	160.000	0.000	160.000	0.00	0.00	156744.00	0.00	156744	Original target is AR 40 ha. As reported by DFO,17.20 ha is under encroachment and in balance 22.80 ha, forest growth came up in the identified CA land.As per instruction of MoEF & CC, number of seedlings as proposed in the CA scheme are to be planted in degraded forest land. Thus, the DFO has taken up 160 ha ANR plantation with 400 plants per ha in degraded forest land.
2	Sundargarh	Diversion of 276.655 ha forest land including 4.42 ha of Safety Zone and 76.19 ha area which is to be treated as FOREST as per dictionary meaning in Manoharpur Coal Block of IB Valley Coalfield in Sundargarh District by OPGC Ltd.	Addl CA	0.000	77.180		77.180	0.00	0.00	75609.39	0.00	75609.387	Original target was AR 196.045 ha,As reported by DFO,27.548 ha is under encroachment, 24.957 ha already planted during 2015-16 under CAMPA ANR plantation, in balance 143.54 ha forest growth came up in the identified CA land. The DFO converted 77.18 ha AR to ANR with 400 plants per ha in the identified CA area. As per instruction of MoEF & CC, number of seedlings as proposed in the CA scheme are to be planted in degraded forest land. Thus, the DFO has taken up ANR plantation with 400 plants per ha of balance seedlings in 707 ha degraded forest land.
					707.000		707.000	0.00	0.00	692612.55	0.00	692612.55	
3	Sundargarh	Diversion of 276.655 ha forest land including 4.42 ha of Safety Zone and 76.19 ha area which is to be treated as FOREST as per dictionary meaning in Manoharpur Coal Block of IB Valley Coalfield in Sundargarh District by OPGC Ltd.	CA	0	74.00		74.000	0.00	0.00	72494.10	0.00	72494.1	Original target was 28.14ha AR and 49.03 ha ANR. AR 28.14 ha Converted to ANR by DFO as forest growth came up in the identified CA land. As per instruction of MoEF & CC, number of seedlings as proposed in the CA scheme are to be planted in degraded forest land.The DFO has taken up 74.00 ha ANR with 400 plants per ha in identified CA area and 63 ha ANR with 400 plants per ha in degraded forest land for balance seedlings.
					63.00		63.000	0.00	0.00	61717.95	0.00	61717.95	
4	Sundargarh	Railway siding of Merry-Go-Round (MGR System)in Sundargarh and Jharsuguda district by M/s Odisha Power Generation Corporation Ltd.	CA	0.000	114.700	0.000	114.700	0.00	0.00	112365.86	0.00	112365.855	Original target was 114.70 ha AR. AR converted to ANR by DFO as forest growth came up in the identified CA land. As per instruction of MoEF & CC, number of seedlings as proposed in the CA scheme are to be planted in degraded forest land.The DFO has proposed to take up 114.70 ha ANR with 400 plants per ha in identified CA area and 345 ha ANR with 400 plants per ha in degraded forest land for balance seedlings.
					345.000		345.000	0.00	0.00	337979.25	0.00	337979.25	
5	Keonjhar WL	Daitary Expansion Project of M/s OMC Ltd.	CA	4.000	0.000	87.000	91.000	23511.60	0.00	0.00	1505722.05	1529233.65	Original target was AR 46 ha and Bald Hill 87 ha.DFO has taken up 4 ha AR and 87 ha Bald hill this year. Rest 42 ha AR converted to ANR by DFO as forest growth came up in the identified CA land and taken up during 2018-19.

SI No	Name of the Division	Name of the Project	CA/P CA/A ddi CA	Block in Ha	ANR in Ha	Bald Hill in Ha	Total in Ha	Amount Required for fourth year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- MD					Remarks
								Block @ Rs. 5877.90 per Ha	ANR with 200 plants per Ha @ Rs.979.65 per Ha	ANR with 400 plants per Ha @ Rs.979.65 per Ha	Bald Hill @ Rs. 17307.15 per Ha	Total	
6	Keonjhar WL	Jiling - Longlota Mines of M/s Essel Mining & Industries Ltd.	CA	0.0000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0	Block Converted to ANR by DFO as forest growth came up in the identified CA land and taken up.
7	Dhenkanal	Sarkunda Mines of M/s Feegrade & Co	CA	0.0000	255.1470	0.000	255.147	0.00	249954.76	0.00	0.00	249954.7586	Block Converted to ANR with 200 seedlings by DFO as forest growth came up in the identified CA land.
8	Rourkela	Raikela Mines of Geetarani Mohanty	CA	65.4600	0.000	0.000	65.460	384767.33	0.00	0.00	0.00	384767.334	
		Total		69.4600	1796.0270	87.0000	1952.4870	408278.93	249954.76	1509523.09	1505722.05	3673478.83	
		Other Stipulation											
9	Angul	Railway Siding Utkal Coal Ltd	100 tree plantation				100 tree plantation					6073.83	Sixth year maintenance @ Rs.60738.30 per 1000 plants Urban Plantation
		Total Other Stipulation					100 tree plantation	0	0	0	0	6073.83	
		Grand Total		69.4600	1796.0270	87.0000	1952.4870 + 100 tree plantation	408278.93	249954.76	1509523.09	1505722.05	3679552.66	

sixth Year Maintenance of Backlog CA of 2017-18 to be taken up during 2022-23

SI No	Name of the Division	Name of the Project	CA/PCA/ Addl CA	Block in Ha	ANR in Ha	Bald Hill In Ha	Total in Ha	Funds Required for sixth Year Maintenance as per approved cost norm @ Rs.311/- per MD			Remarks
								Block @ Rs. 5877.90 per Ha	ANR with 200 plants per Ha @ Rs.979.65 per Ha	Total	
1	Angul	Construction of Railwayline from Kalinga OCP Talcher to Angul Railway Station by M/s MCL Ltd.	CA/PCA ANR 2.48 ha	0	0.000	0.000	0.000	0.00	0.00	0.00	No fifth year maintenance as per approved Scheme.
2	Cuttack	Gurujanga Chromite Mines of Late M. Aikath in village Ostapal	CA	0.00	0.00	0.00	0.000	0.00	0.00	0.00	As reported by DFO, 14.836 ha Plantation could not be taken up during 2017-18
3	Cuttack	Damanijhar MIP	CA	0.00	0.00	0.00	0.000	0.00	0.00	0.00	As reported by DFO, 25.20 ha Plantation could not be taken up during 2017-18
4	Cuttack	Mining of Chromite in forest block No.27 of Mahagiri DPF by M/s Balasore Alloys Ltd.	CA	0.00	0.00	0.00	0.000	0.00	0.00	0.00	As reported by DFO, 22.25 ha Plantation could not be taken up during 2017-18
5	Cuttack	Establishment of Integrated Steel Plant & Captive part by POSCO India Private Ltd., Jagatsinghpur	CA	0.00	0.000	0.00	0.000	0.00	0.00	0.00	As reported by DFO, plantation over 50.923 ha could be undertaken out of 365.881 ha during 2017-18.
6	Ghumsur South	Regularisation of Pre-80 encrachment in Reserved Forest of Ganjam District, Odisha	CA 1675 ha	0.00	0.00		0.000	0.00	0.00	0.00	No fifth year maintenance as per approved Scheme.
7	Kalahandi South	Lanjigarh-Junagarh BG Railway line in Kalahandi District	CA	0.00	0.00	0.00	0.000	0.00	0.00	0.00	No sixth year maintenance as per approved Scheme.
8	Sundargarh	Strengthening & Widening of existing PWD road from Sundergarh to Duduka by MCL	CA 1.238 ha	0.000	0.00	0.00	0.000	0.00	0.00	0.00	No sixth year maintenance as per approved Scheme.
9	Bonai	RML Nadidihi (Rengalbeda-Nadikasira) mines of M/S Bonai Industrial Co. Ltd.	CA	0	10.590	0.000	10.590	0.00	10374.49	10374.49	
10	Keonjhar	220 KV Single Circuit Line on Double circuit tower from Joda Grid Sub-station to Factory premises of TSIL.	CA/PCA	0.00	0.00	0.00	0.000	0.00	0.00	0.00	No sixth year maintenance as per approved Scheme.
11	Baripada	Sankaramara MIP	CA/PCA	0.000	0	0	0.000	0.00	0.00	0.00	No sixth year maintenance as per approved Scheme.
		Total		0.0000	10.5900	0.0000	10.5900	0.00	10374.49	10374.49	

Sixth Year Maintenance of Current CA PCA Addl CA of 2017-18 to be taken up during 2022-23

SI No	Name of the Division	Name of the Project	Comp onent	Block in Ha	ANR in Ha	BaldHill In Ha	Total in Ha	Funds Required for sixth Year Maintenance as per approved cost norm @ Rs.311/- per MD				Remarks
								Block @ Rs. 5877.90 per Ha	ANR with 200 plants per Ha @ Rs.979.65 per Ha	Bald Hill @ Rs. 17307.15 per Ha	Total (In Rs.)	
1	Berhampur	Construction of Ghatakeswar Multi Purpose Project	CA	0.00	0.00	65.00	65.00	0.00	0.00	1124964.75	1124964.75	
2	Angul	Construction of Talcher-Bimalgarh new BG Rail link by East Coast Railway	CA	0.00	48.50	0.00	48.50	0.00	47513.03	0.00	47513.03	
3	Cuttack	Establishment of Standalone Cement Grinding Unit in Tangi-Choudwar Tahasil of Cuttack District & Darpan Tahasil of Jajpur District by M/s OCL India Ltd.	PCA	0.000	9.780	0.000	9.78	0.00	9580.98	0.00	9580.98	
4	Cuttack	South Kaliapani Chromite Mines of M/s OMC Ltd.	PCA	0.000	0.000	0.000	0	0.00	0.00	0.00	0.00	As reported by DFO, 3.22 ha plantation could not be taken up during 2017-18.
5	Cuttack	Salijanga Quartz & Quartzite mining by Sri P.N. Sahu	CA	3.197	0.000	0.000	3.197	18791.65	0.00	0.00	18791.65	
6	Cuttack	Salijanga Quartz & Quartzite mining by Sri P.N. Sahu	PCA	0.000	6.000	0.000	6.000	0.00	5877.90	0.00	5877.90	
7	Dhenkanal	South Kaliapani Chromite Mines of M/s OMC Ltd.	CA	0.000	272.076	0.000	272.076	0.00	266539.25	0.00	266539.25	
8	Dhenkanal	Construction of integrated steel plant and captive power plant at Jharbandh by M/s Rungta Mines Pvt. Ltd.	CA	3.156	0.000	0.000	3.156	18550.65	0.00	0.00	18550.65	
9	Kalahandi South	South Kaliapani Chromite Mines of M/s OMC Ltd.	CA	0.000	0.000	0.000	0	0.00	0.00	0.00	0.00	As ascertained from DFO, 4.48 ha plantation could not be taken up during 2017-18.
10	Keonjhar	Uchabali Iron & Mn Mines of Smt Indrani Pattnaik	CA	0.000	64.332	0.000	64.332	0.00	63022.84	0.00	63022.84	Block Converted to ANR with 200 seedlings by DFO as forest growth came up in the identified CA land.
11	Bonai	Raikela Iron Mines of Sri Prabodh Mohanty	CA	0.000	1.634	0.000	1.634	0.00	1600.75	0.00	1600.75	
12	Bonai	Raikela Iron Mines of Sri Prabodh Mohanty	PCA	0.000	25.000	0.000	25	0.00	24491.25	0.00	24491.25	
13	Sundargarh	Dulanga Coal Block by M/s NTPC Ltd.	CA	0.000	609.500	0.000	609.50	0.00	597096.68	0.00	597096.68	
		Total		6.3530	1036.8220	65.0000	1108.1750	37342.30	1015722.67	1124964.75	2178029.72	

Sixth Year Maintenance of Other Stipulation of 2017-18 to be taken up during 2022-23										
SI No	Name of the Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total Target in Ha	Amount Required for fifth year maintenance to be released during 2022-23 as per Approved Cost Norm @ Rs.311/- per MD			Remarks
							Block @ Rs. 5877.90 per Ha	ANR with 200 plants per Ha @ Rs.979.65 per Ha	Total	
1	Cuttack	Salijanga Quartz & Quartzite mining by Sri P.N. Sahu	SZ	0	0	0	0.00	0.00	0.00	No sixth year Maintenanceas per approved scheme
2	Cuttack	Salijanga Quartz & Quartzite mining by Sri P.N. Sahu	1.5 SZ	0	0	0	0.00	0.00	0.00	No sixth year Maintenanceas per approved scheme
3	Sundargarh	Dulanga Coal Block by M/s NTPC Ltd.	1.5 SZ	0	7.63	7.63	0.00	7474.73	7474.73	
4	Sundargarh	Dulanga Coal Block by M/s NTPC Ltd.	1.5 SZ		9.485	9.485	0.00	9291.98	9291.98	
5	Sundargarh	Dulanga Coal Block by M/s NTPC Ltd.	Green Belt	0	18.34	18.34	0.00	17966.78	17966.78	
		Total SZ & 1.5 SZ		0	35.455	35.455	0.00	34733.49	34733.49	
8	Puri WL	Construction of 4/6 laning of Bhubaneswar to Puri NH-203	Avenue Plantation along NH 2041 Nos			0	0.00	0.00	0.00	No sixth year Maintenanceas per approved scheme
9	City	Construction of 4/6 laning of Bhubaneswar to Puri NH-203	Avenue Plantation along NH	0	0	0	0.00	0.00	0.00	No sixth year Maintenanceas per approved scheme
10	Bargarh	Sambalpur-Bargarh NH	Avenue Plantation 42640 Nos						0.00	No sixth year Maintenanceas per approved scheme
		Total Avenue & other Stipulations							0.00	
Grand Total			SZ, 1.5 SZ, Green Belt	0.0000	35.4550	35.4550	34733.49			

Seventh Year Maintenance of 2016-17 CA,PCA,Addl CA to be taken up during 2022-23

Sl No	Name of the Division	Name of the Project	CA/PAC /Addl CA	Block in Ha	ANR in Ha	BaldHill In Ha	Total Area in Ha	Funds Required for Seventh Year Maintenance as per approved cost norm @ Rs311/- per MD			Remarks
								Block @ Rs. 5877.90 per Ha	ANR with 200 plants per Ha @ Rs.979..65 per Ha	Total (In Rs.)	
1	Sundargarh	Construction of Railway line from FCI/shunting line Jharsuguda to Sardega in Sundargarh and Jharsuguda Forest Division. For transportating coal through Railway by South Eastern Railway.	CA	0.00	137.796	0.00	137.796	0.00	134992	134992	
2	Sundargarh	TRB Iron ore minning lease of Jindal Strips Ltd. now Jindal Steel & Power Ltd.	CA	0.00	0	0.00	0	0.00	0	0	No 7th year maintenance as per approved CA Scheme
3	Sundargarh	Diversion of 276.655 ha forest land including 4.42 ha of Safety Zone and 76.19 ha area which is to be treated as FOREST as per dictionary meaning in Manoharpur Coal Block of IB Valley Coalfield in Sundargarh District by OPGC Ltd.	CA	0	0	0.00	0	0.00	0	0	Block plantation 196.045 ha was not taken up during 2016-17.
4	Sundargarh	Construction of LILO (Lilo In Lilo Out) from existing 400 KVDC Rourkela-Raigarh Transmission Line-I & Line-II	CA	0	25.25	0.00	25.25	0.00	24736	24736.16	
5	Sundargarh	Setting up of Darlipali Super Thermal Power Project in Darlipali and Raidihi village in Sundargarh District by NTPC Ltd.	CA	0.00	0.00	0.00	0.00	0.00	0	0.00	No 7th year maintenance as per approved CA Scheme
6	Sundargarh	Construction of 2 x 765 KV SC and DC transmission line from Angul Pooling Station to Jharsuguda Pooling Station at Kenapali by PGCIL	CA	0.00	33.80	0.00	33.80	0.00	33112	33112.17	
7	Sundargarh	Railway siding of Merry-Go-Round (MGR System)in Sundargarh and Jharsuguda district by M/s Odisha Power Generation Corporation Ltd.	CA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Block plantation 114.70 ha was not taken up during 2016-17.
8	Keonjhar WL	Daitari Extension Iron ore mines by M/S OMC Ltd.	CA	0.00	71.763	0.00	71.763	0.00	70302.62	70302.62	Block plantation 46.00 ha and Bald Hill Plantation 87 Ha was not taken up during 2016-17.
9	Keonjhar WL	Jilling Longlota Iron & Manganese Mines by M/S ESSEL Mining & Industries.	CA	0	0.00	0.00	0	0.00	0.00	0.00	Block plantation 30.8047 ha was not taken up during 2016-17.
10	Keonjhar	Diversion of 447.811 ha of forest land (Including 44.70 already diverted area) in Jajang Iron & Mn Mines by M/s Rungta Mines Pvt. Ltd.	CA	0	52.944	0.00	52.944	0.00	51866.59	51866.59	52.944 Ha Block Plantation converted to ANR Plantation by DFO.
11	Keonjhar	Jilling Longlota Iron & Manganese Mines by M/S ESSEL Mining & Industries.	CA	0	0.00	0.00	0	0.00	0.00	0.00	No 7th year maintenance as per approved CA Scheme
12	Keonjhar	Establishment of a Hydro Power Project on River Brahmani by M/s Baitarani Power Project Pvt Ltd.	CA		20.3619	0.00	20.3619	0.00	19947.54	19947.54	20.3619 ha Block plantation was converted to ANR plantation by DFO.

Sl No	Name of the Division	Name of the Project	CA/PAC /Addl CA	Block in Ha	ANR in Ha	BaldHill In Ha	Total Area in Ha	Funds Required for Seventh Year Maintenance as per approved cost norm @ Rs311/- per MD			Remarks
								Block @ Rs. 5877.90 per Ha	ANR with 200 plants per Ha @ Rs.979..65 per Ha	Total (In Rs.)	
13	Keonjhar	Diversions of 99.099 ha Forest land including 8.930 ha of SZ in Jaribahal, Palsa (ka) and Palsa (kha) for Iron ore mining by M/s Patnaik Minerals Pvt. Ltd	CA	0.00	59.708	0.00	59.708	0.00	58492.94	58492.94	
14	Keonjhar	Construction of 400 KVDC Transmission Line through Lolo from existing 400 KV/SC Rengali-Baripada transmission line at Naranpur by PGCIL	CA	8.158	0.00	0.00	8.158	47951.91	0.00	47951.91	
15	Bonai	Kusumdihi Mn & Bauxite Mines by M/s Bonai Industries Co	CA ANR 1.335 ha	0.00	0	0.00	0	0.00	0.00	0.00	No 7th year maintenance as per approved CA Scheme
16	Bonai	Diversions of 66.671 ha (including 2.523 ha Safety Zone)Raikela Iron ore Mining in Sundergarh district by Geetarani Mohanty	CA	0.00	0	0.00	0	0.00	0.00	0.00	ANR plantation 65.46 ha was not taken up during 2016-17 as the CA area identified is in Rourkela Division.
17	Jharsuguda	Construction of Railway line from FCI/shunting line Jharsuguda to Sardega in Sundargarh and Jharsuguda Forest Division. For transporting coal through Railway by South Eastern Railway.	CA	0.00	13.86	0.00	13.86	0.00	13577.95	13577.95	
18	Jharsuguda	Diversions of 19.70 ha Revenue Forest land (16.90 for mining + 2.80 SZ) in Belpahar expansion OCP by M/s MCL Ltd.	CA	0.00	34.00	0.00	34.00	0.00	33308.10	33308.10	
19	Jharsuguda	Construction of 2 x 765 KV SC and DC transmission line from Angul Pooling Station to Jharsuguda Pooling Station at Kenapali by PGCIL	CA	0.00	15.50	0.00	15.50	0.00	15184.58	15184.58	
20	Jharsuguda	Railway siding of Merry-Go-Round (MGR System)in Sundargarh and Jharsuguda district by M/s Odisha Power Generation Corporation Ltd.	CA	16.212	32.461	0.00	48.673	95292.51	31800.42	127092.93	
21	Bargarh	Four Lining of Sambalpur-Bargarh-Odisha/Chhatishgarh Section of NH-6 from 0 Km to 88 Km in Odisha under BOT	CA	20.24	0.00	0.00	20.24	118968.70	0.00	118968.70	
22	Sambalpur	Construction of 2 x 765 KV SC and DC transmission line from Angul Pooling Station to Jharsuguda Pooling Station at Kenapali by PGCIL	CA	0.00	98.00		98.00	0.00	96005.70	96005.70	
23	Koraput	Panchpatmali Central & North Block Bauxite Mines of M/s NALCO (1294.283 ha including 621.70 ha diverted in 1984 and 300 ha diverted in 2006)	CA	177.2925	20.750	0.00	198.0425	1042107.59	20327.74	1062435.32	As reported by DFO, Koraput 177.2925 ha block and 20.75 ha ANR with 400 plants per Ha has been taken up.
24	Rayagada	Construction of conveyor corridor and formation of mine access road in Baphalimali Bauxite Mines of M/s Utkal Alumina International Ltd.	CA	2.335	0.00		2.335	13724.90	0.00	13724.90	
25	Angul	Establishment of Medical Institute of Medical Science & Research at Talcher by M/s MCL Ltd.	CA	0.00	0.00		0.00	0.00	0.00	0.00	No 7th year maintenance as per approved CA Scheme

Sl No	Name of the Division	Name of the Project	CA/PAC /Addl CA	Block in Ha	ANR in Ha	BaldHill In Ha	Total Area in Ha	Funds Required for Seventh Year Maintenance as per approved cost norm @ Rs311/- per MD			Remarks
								Block @ Rs. 5877.90 per Ha	ANR with 200 plants per Ha @ Rs.979..65 per Ha	Total (In Rs.)	
26	Angul	Construction of approach Road to 2x600 MW Power Plant at Dereng by Jindal India Thermal Power Ltd.	CA	4.86	0.00	0.00	4.86	28566.59	0.00	28566.59	
27	Cuttack	Construction of LILO (Lilo In Lilo Out) of one circuit of Baripada-Mendhasal 400 KV/DC transmission line at Duburi by M/s PGCIL	CA	42.50	0.00	0.00	42.50	249810.75	0.00	249810.75	
28	Athmallik	Construction of 2 x 765 KV SC and DC transmission line from Angul Pooling Station to Jharsuguda Pooling Station at Kenapali by PGCIL	CA	57.00	150.00	0.00	207.00	335040.30	146947.50	481987.80	CA stipulation is 612.70 ha (Block 105.83 ha and 506.87 ha). As forest growth has come up in the identified CA area the DFO has modified the CA Scheme and taken up 57 ha Block plantation,150 ha ANR with 200 plants, 384.47 ha ANR with 400 plants and 58 ha ANR with 800 plants.
					384.4725		384.4725	0.00	376648.48	376648.48	ANR with 400 plants
					58.00		58.00	0.00	56819.70	56819.70	ANR with 800 plants
29	Dhenkanal	Sarkunda Iron Mines of M/s Feegrade & Company Ltd.	CA	0	32.00	0.00	32	0.00	31348.80	31348.80	Block plantation 255.147 ha was not taken up during 2016-17.
30	Khurdha	Diversion 5.928 ha of revenue forest in New Sandhakud and Udayachandrapur for laying pipeline for tranfer of crude oil from Paradip Port to their Refinery at Abhayachandrapur	CA	12.00	0	0.00	12.00	70534.80	0.00	70534.80	
31	Kalahandi South	Ret MIP	CA 39.40 ha.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.40 ha AR converted to ANR by DFO. No sixth year maintenance as per approved scheme.
		Total CA		340.5975	1240.6664	0.0000	1581.2639	2001998.05	1215418.84	3217416.88	
32	Keonjhar WL	Daitari Extension Iron ore mines by M/S OMC Ltd.	PCA	0.00	499.936	0.00	499.936	0.00	489762.30	489762.30	
33	Keonjhar	Laying water pipeline and other related infrastructure facilities for operationalisation of their Iron ore beneficiation plant at Dubuna by M/s Essar Steel India ltd.	PCA	0.00	8.00	0.00	8.00	0.00	7837.20	7837.20	
34	Keonjhar	Diversion of 447.811 ha of forest land (Including 44.70 already diverted area) in Jajang Iron & Mn Mines by M/s Rungta Mines Pvt. Ltd.	PCA	0.00	2.00	0.00	2.00	0.00	1959.30	1959.30	
35	Keonjhar	Jilling Longlota Iron & Manganese Mines by M/S ESSEL Mining & Industries.	PCA	0.00	22.0954	0.00	22.0954	0.00	21645.76	21645.76	

Sl No	Name of the Division	Name of the Project	CA/PAC /Addl CA	Block in Ha	ANR in Ha	BaldHill In Ha	Total Area in Ha	Funds Required for Seventh Year Maintenance as per approved cost norm @ Rs311/- per MD			Remarks
								Block @ Rs. 5877.90 per Ha	ANR with 200 plants per Ha @ Rs.979..65 per Ha	Total (In Rs.)	
36	Keonjhar	Laying slurry pipeline from beneficiation plant at Dubuna to pellet plant Paradip by M/s Essar Steel India Ltd.	PCA	0.00	1.00	0.00	1.00	0.00	979.65	979.65	
37	Keonjhar	Diversion of 99.099 ha Forest land including 8.930 ha of SZ in Jaribahal, Palsa (ka) and Palsa (kha) for Iron ore mining by M/s Patnaik Minerals Pvt. Ltd	PCA	0.00	119.7788	0.00	119.7788	0.00	117341.30	117341.30	
38	Keonjhar	Diversion of 99.099 ha Forest land including 8.930 ha of SZ in Jaribahal, Palsa (ka) and Palsa (kha) for Iron ore mining by M/s Patnaik Minerals Pvt. Ltd	PCA	0.00	120.862	0.00	120.862	0.00	118402.46	118402.46	
39	Keonjhar	Diversion of 99.099 ha Forest land including 8.930 ha of SZ in Jaribahal, Palsa (ka) and Palsa (kha) for Iron ore mining by M/s Patnaik Minerals Pvt. Ltd	PCA	0.00	13.0538	0.00	13.0538	0.00	12788.16	12788.16	
40	Bonai	TRB Iron ore minning lease of Jindal Strips Ltd. now Jindal Steel & Power Ltd.	PCA	0.00	283.41	0.00	283.41	0.00	277642.61	277642.61	
41	Bonai	Kusumdihi Mn & Bauxite Mines by M/s Bonai Industries Co	PCA	0.00	0.00	0.00	0	0.00	0.00	0.00	No 7th year maintenance as per approved CA Scheme
42	Bonai	Diversion of 66.671 ha (including 2.523 ha Safety Zone)Raikela Iron ore Mining in Sundergarh district by Geetarani Mohanty	PCA	0.00	43.056	0.00	43.056	0.00	42179.81	42179.81	
43	Bonai	Sarkunda Iron Mines of M/s Feegrade & Company Ltd.	PCA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	No 7th year maintenance as per approved CA Scheme
44	Jharsuguda	Construction of Railway line from FCI/shunting line Jharsuguda to Sardega in Sundargarh and Jharsuguda Forest Division. For transportating coal through Railway by South Eastern Railway.	PCA	7.00	0.00	0.00	7.00	41145.30	0.00	41145.30	
45	Koraput	Panchpatmali Central & North Block Bauxite Mines of M/s NALCO (1294.283 ha including 621.70 ha diverted in 1984 and 300 ha diverted in 2006)	PCA	25.10	0.00	0.00	25.10	147535.29	0.00	147535.29	
46	Chandaka W	Development of landscaping,plantation and parking space adjacent to administrative building in Jaydev Vihar of Bhubaneswar city by Centre for Youth and Social Development (CYSD)	PCA	0.40	0.00	0.00	0.40	2351.16	0.00	2351.16	
		Total PCA		32.50	1113.19	0.00	1145.69	191031.75	1090538.54	1281570.29	
47	Sundargarh	Diversion of 276.655 ha forest land including 4.42 ha of Safety Zone and 76.19 ha area which is to be treated as FOREST as per dictionary meaning in Manoharpur Coal Block of IB Valley Coalfield in Sundargarh District by OPGC Ltd.	Addl CA	0	0	0.00	0	0.00	0.00	0.00	Block plantation 28.14 ha and ANR plantation 49.03 ha (total 77.17 ha) was not taken up during 2016-17.
		Total ACA		0	0	0	0	0.00	0.00	0.00	
		Grand Total		373.0975	2353.8584	0.0000	2726.9559	2193029.80	2305957.38	4498987.18	

Seventh Year Maintenance of Other Stipulations of 2016-17 to be taken up during 2022-23

SI No	Name of the Division	Name of the Project	Component	Block in Ha	ANR in Ha	BaldHill In Ha	Total Area in Ha	Funds Required for seventh Year Maintenance as per approved cost norm @ Rs.311/- per MD				Remarks
								Block @ Rs. 5877.90 per Ha	ANR with 200 plants per Ha @ Rs.979..65 per Ha	Bald Hill @ Rs 17307.15 per Ha	Total (In Rs.)	
1	Sundargarh	Lanjiberna OCL	SZ	0.000	1.000	0.000	1.000	0.00	979.65	0.00	979.65	
2	Keonjhar	Jajanga Rungta	SZ	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	No 7th year Maintenance as per approved scheme
3	Keonjhar	Jaribahal Pattnaik Minerals	SZ	0.000	8.930	0.000	8.930	0.00	8748.27	0.00	8748.27	
4	Bonai	TRB Jindal	SZ	0.000	6.410	0.000	6.410	0.00	6279.56	0.00	6279.56	
5	Bonai	Kusumdihi BICo	SZ Block 0.510 ha	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	No 7th year Maintenance as per approved scheme
6	Bonai	Raikela Mines Geetarani Mohanty	SZ	2.523	0.000	0.000	2.523	14829.94	0.00	0.00	14829.94	
7	Bonai	Sarkunda Mines of Feegrade	SZ	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	No 7th year Maintenance as per approved scheme
8	Jharsuguda	Belpahar Expansion OCP	SZ	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	No 7th year Maintenance as per approved scheme
		Total SZ		2.5230	16.3400	0.0000	18.863	14829.942	16007.481	0.000	30837.423	
9	Sundargarh	Angul Pooling Station to Jharsuguda Pooling Station	Dwarf tree plantation	1.572	14.413	0.000	15.985	9240.06	14119.70	0.00	23359.75	
10	Sundargarh	Darlipali NTPC	Conservation, Protection and regeneration of existing Forest Cover 100 ha	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	No 7th year Maintenance as per approved scheme
11	Keonjhar	Jajanga Rungta	1.5 SZ	0.000	0.0000	0.000	0.0000	0.00	0.00	0.00	0.00	No 7th year Maintenance as per approved scheme
12	Keonjhar	Jhilling-Longlota Mines ESSEL	GAP Plantn	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	No 7th year Maintenance as per approved scheme
13	Keonjhar	Jaribahal Pattnaik Minerals	1.5 SZ	0.000	13.426	0.000	13.426	0.00	13152.78	0.00	13152.78	
14	Bonai	TRB Jindal	1.5 SZ	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	No 7th year Maintenance as per approved scheme
15	Bonai	Kusumdihi BICo	1.5 SZ Block 0.765 Ha	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	No 7th year Maintenance as per approved scheme

16	Bonai	Kusumdihi BICo	Reclamation Scheme Block 2.4 ha +ANR 11.906 ha	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	No 7th year Maintenance as per approved scheme
17	Bonai	Raikela Mines Geetarani Mohanty	1.5 SZ	0.000	3.790	0.000	3.790	0.00	3712.87	0.00	3712.87	
18	Bonai	Sarkunda Mines of Feegrade	1.5 SZ	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	No 7th year Maintenance as per approved scheme
19	Jharsuguda	Belpahar Expansion OCP	GAP Plantn	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	No 7th year Maintenance as per approved scheme
20	Jharsuguda	Belpahar Expansion OCP	1.5 SZ	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	No 7th year Maintenance as per approved scheme
21	Jharsuguda	Angul Pooling Station to Jharsuguda Pooling Station	Dwarf tree plantation	0.721	6.610	0.000	7.331	4237.97	6475.49	0.00	10713.45	
22	Rairakhol	Angul Pooling Station to Jharsuguda Pooling Station	Dwarf tree plantation	7.8846	77.040	0.000	84.9246	46344.89	75472.24	0.00	121817.13	0.4454 ha AR (out of 8.33 ha) and 32.75 ha ANR (out of 109.79 Ha) plantation was not taken up.
23	Sambalpur	Angul Pooling Station to Jharsuguda Pooling Station	Dwarf tree plantation	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	Block plantation 3.13 ha and ANR plantation 43.416 ha (total 46.546 ha) was not taken up during 2016-17.
24	Angul	Angul Pooling Station to Jharsuguda Pooling Station	Dwarf tree plantation	3.920	46.290	0.000	50.210	23041.37	45348.00	0.00	68389.37	
25	Athmallik	Angul Pooling Station to Jharsuguda Pooling Station	Dwarf tree plantation	12.180	111.660		123.840	71592.82	109387.72	0.00	180980.54	
26	Koraput	Panchpatmali NALCo	1.5 SZ	0.000	40.4035	0.000	40.4035	0.00	39581.29	0.00	39581.29	
27	Koraput	Panchpatmali NALCo	Gap Plantn ANR 135.80 ha & Bald Hill 168.60 ha	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	No 7th year Maintenance as per approved scheme
		Total Others		26.278	313.633	0.000	339.910	154457.11	307250.08	0.00	461707.18	
		Grand Total		28.801	329.973	0.000	358.773				492544.61	

Seventh Year Maintenance of 2016-17 CATP to be taken up during 2022-23

SI No	Name of the Division	Name of the Project	Component	Block in Ha	ANR in Ha	BaldHill In Ha	Total Area in Ha	Funds Required for seventh Year Maintenance as per approved cost norm @ Rs.311/- per MD				Remarks
								Block @ Rs. 5877.90 per Ha	ANR with 200 plants per Ha @ Rs.979..65 per Ha	Bald Hill @ Rs 17307.15 per Ha	Total (In Rs.)	
1	Keonjhar	Baitarani Power Project	CATP	0.000	62.000	0.000	62.000	0.00	60738.30	0.00	60738.30	
		Total CATP									60738.30	

Eighth Year Maintenance of 2015-16 CA,PCA,Addl CA Plantation to be taken up during 2022-23

SI No	Name of the Division	Name of the Project	Component	Block In Ha	ANR In Ha	Total Area in Ha	Funds Required for eighth Year Maintenance as per approved cost norm @ Rs.311/- per MD			Remarks
							Block @ Rs. 5877.90/- per Ha	ANR with 200 plants per Ha @ Rs.979.65 per Ha	Total	
1	Bonai	Koira Iron Ore Mine in Sundargarh District by M/s Essel Mining & Industries (P) Ltd.	CA ANR 19.486 ha	0	0.000	0.000	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
			PCA 2.14 ha	0.000	0	0.000	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
			Addl CA 59.458 ha	0	0	0.000	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
	Bonai	Diversion of 15.393 ha of forest land (including 4.325 ha of safety zone area in addition to 52.742 ha already diverted forest land at Sanindipur & Oraghat by M/s Rungta & Sons Pvt. Ltd.	CA	11.068	0	11.068	65056.60	0.00	65056.60	
	Bonai	Diversion of 45.118 ha of forest land (including 8.309 ha of safety zone area in addition to 39.309 ha already diverted forest land at Nadidihi Iron Ore Mines of by M/s Feegrade & Co (P) Ltd.	PCA 39.309 ha	0	0	0	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
	Bonai	Manganese ore mining in village Bhanjapali,Koira & Teherai by Sri Rudrasen Sindhu, M/s Rohtak Engineering	CA Block 32.293 ha	0	0	0	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
	Bonai	Diversion of 64.133 ha of forest land (including 4.929 ha of safety zone area in addition to 10.10 ha already diverted forest land at Oraghat by M/s Rungta & Sons Pvt. Ltd.	Addl CA 64.133 ha	0	0	0	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
	Bonai	Kalta & Barsuan Iron mines of M/S SAIL in Toda RF (MI-130)	Addl CA 2341.93 ha	0	0	0	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
Bonai	RML Nadidihi (Rengalbeda-Nadikasira) mines of M/S Bonai Industrial Co. Ltd.	PCA ANR 37.00 ha	0	0.00	0.00	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.	
	Total Bonai Division			11.068	0.000	11.068	65056.60	0.00	65056.60	
2	Rourkela	Diversion of 45.118 ha of forest land (including 8.309 ha of safety zone area in addition to 39.309 ha already diverted forest land at Nadidihi Iron Ore Mines of by M/s Feegrade & Co (P) Ltd.	CA 7.976 ha	0	0	0	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
	Rourkela	Diversion of 64.133 ha of forest land (including 4.929 ha of safety zone area in addition to 10.10 ha already diverted forest land at Oraghat by M/s Rungta & Sons Pvt. Ltd.	CA	27.658	0	27.658	162570.96	0.00	162570.96	
		Total Rourkela Division			27.658	0.000	27.658	162570.96	0.00	162570.96
3	Athmallik	Diversion of 324.52 ha. forest land including Safety Zone for Mining of Coal from Mandakini Coal Block A in Angul District by M/s Mandakini Coal Company Ltd.	CA 178.512 ha	0.000	0	0.000	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.

SI No	Name of the Division	Name of the Project	Component	Block In Ha	ANR In Ha	Total Area in Ha	Funds Required for eighth Year Maintenance as per approved cost norm @ Rs.311/- per MD			Remarks
							Block @ Rs. 5877.90/- per Ha	ANR with 200 plants per Ha @ Rs.979.65 per Ha	Total	
	Athmallik	Construction of 2 x 600 MW Thermal Power Plant in Angul forest Division in Angul District by M/s Jindal India Thermal Power Ltd.	CA	39.15	0	39.15	230119.79	0.00	230119.79	
		Total Athmallik Division		39.150	0.00	39.150	230119.785	0.00	230119.79	
4	Deogarh	Diversion of 324.52 ha. forest land including Safety Zone for Mining of Coal from Mandakini Coal Block A in Angul District by M/s Mandakini Coal Company Ltd.	CA 181.14 ha	0	0	0	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
		Total Deogarh Division		0	0.00	0	0	0	0.00	
5	Angul	Construction of 2 x 600 MW Thermal Power Plant in Angul forest Division in Angul District by M/s Jindal India Thermal Power Ltd.	PCA	20.00	295.00	315.00	117558.00	288996.75	406554.75	
	Angul	Diversion of 134.41 ha of forest land (including 0.18 ha of safety zone area in addition to 71.64 ha already diverted forest land for Bharatpur OCP of M/s MCL Ltd.	CA	0.00	269.00	269.00	0.00	263525.85	263525.85	
			PCA	0.00	21.50	21.50	0.00	21062.48	21062.48	
		Total Angul Division		20.00	585.50	605.50	117558.00	573585.08	691143.08	
6	Dhenkanal	Diversion of 70.4221 ha forest land for laying pipeline from Paradip to Raipur (Chhatisgarh) via Sambalpur & from Sambalpur to Ranchi (Jharkhand) by M/s Indian Oil Corporation Ltd.	CA	0.00	142.00	142.00	0.00	139110.30	139110.30	
	Dhenkanal	Diversion of 6.329 ha forest land (4.861 ha for mining & allied activities & 1.468 ha for safety Zone in Asurabandha Chromite Mines by M/s Real India Consultancy Ltd in Dhenkanal District	CA	6.329	0	6.329	37201.23	0.00	37201.23	
	Dhenkanal	Establishment of 1320 MW (2 x 660 MW) Lanco babandh Power Plant in Khurunti & Khargprasad village of Dhenkanal District by M/s Lanco Babandh Power Ltd. (LBPPL)	CA	8.094	0	8.094	47575.72	0.00	47575.72	
			PCA	0	14.876	14.876	0.00	14573.27	14573.27	
	Dhenkanal	Establishment of a 1050 MW Coal fired thermal Power Plant by M/s GMR Energy Ltd	CA Block 16 ha and ANR 16.3755 ha	0.00	0	0.00	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
		Total Dhenkanal Division		14.423	156.876	171.299	84776.95	153683.57	238460.53	
7	Cuttack	Establishment of Standalone Cement Grinding Unit in Tangi-Choudwar Tahasil of Cuttack District & Darpan Tahasil of Jajpur District by M/s OCL India Ltd.	CA	4.844	0	4.844	28472.55	0.00	28472.55	
	Cuttack	Kamarda Chromite mines of M/s B.C.Mohanty & Sons	CA Block 46.283 ha	0	0	0	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
		Total Cuttack Division		4.844	0.00	4.844	28472.55	0.00	28472.55	

SI No	Name of the Division	Name of the Project	Component	Block In Ha	ANR In Ha	Total Area in Ha	Funds Required for eighth Year Maintenance as per approved cost norm @ Rs.311/- per MD			Remarks
							Block @ Rs. 5877.90/- per Ha	ANR with 200 plants per Ha @ Rs.979.65 per Ha	Total	
8	Keonjhar WL	Laying water pipeline and other related infrastructure facilities for operationalisation of their Iron ore beneficiation plant at Dubuna by M/s Essar Steel India Ltd.	PCA	0	0.00	0.00	0.00	0.00	0.00	
	Keonjhar WL	Canal System of Anandpur Barrage	CA	0.00	0.00	0.00	0.00	0.00	0.00	Block plantation of 7.08 ha not been taken up.
	Keonjhar WL	Joda East TISCO	CA	0.000	0.00	0.000	0.00	0.00	0.00	Block plantation of 8.458 ha not been taken up.
	Keonjhar WL	Joda East TISCO	CA	0.00	0.00	0.00	0.00	0.00	0.00	Block plantation of 13.48 ha not been taken up..
	Keonjhar WL	Khandabandh TISCO	CA Block 4ha	0.00	0.00	0.00	0.00	0.00	0.00	Out of 234.16 ha only 4 ha has been achieved. No 8th year maintenance as per approved CA Scheme.
		Total Keonjhar WL Division		0.00	0.00	0.00	0.00	0.00	0.00	
9	Keonjhar	Laying of downhill pipe conveyor system and underground pipeline through forest land in Kitabeda village in Keonjhar District by M/s Sarada Mines Pvt. Ltd.	PCA ANR 1.8914 ha	0	0	0	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
	Keonjhar	Balita Dr. S Pradhan	CA/PCA ANR 36.694 ha	0	0	0	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
	Keonjhar	Roida-II K.N.Ram	CA/PCA ANR 25.619 ha	0	0	0	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
	Keonjhar	Jururi KMC	CA/PCA Block 2.8653	0	0	0	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
	Keonjhar	Inganijharan Dr S Pradhan	CA/PCA	0.00	0.00	0	0.00	0.00	0.00	Block plantation of 3.00 ha not achieved.
	Keonjhar	Bamebari TISCO	CA/PCA ANR 19.64 ha	0	0	0	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
	Keonjhar	Sidhamath Mideast	CA/PCA ANR 59.176 ha	0	0	0	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
			CA/PCA ANR 20.00 ha	0	0.00	0	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
	Keonjhar	Jururi KMC	CA/PCA ANR 24.60 ha	0	0.00	0	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
	Keonjhar	Tiringpahar Tisco	CA/PCA ANR 2.781 ha	0	0	0	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
		Total Keonjhar Division		0.0000	0.0000	0.0000	0.00	0.00	0.00	

SI No	Name of the Division	Name of the Project	Component	Block In Ha	ANR In Ha	Total Area in Ha	Funds Required for eighth Year Maintenance as per approved cost norm @ Rs.311/- per MD			Remarks
							Block @ Rs. 5877.90/- per Ha	ANR with 200 plants per Ha @ Rs.979.65 per Ha	Total	
10	Rajnagar WL	Laying of shore pipeline and intermediate Booster Station for dredging and reclamation work (Phase-II) for Paradeep Refinery Project at Paradeep by IOCL	PCA Casuarina Plantation 0.561 ha	0	0.00	0	0.00	0.00	0.00	
	Rajnagar WL	Establishment of Integrated Steel Plant & Captive part by POSCo India Private Ltd., Jagatsinghpur	CA 25 ha (Mangrove plantation with 4445 seedlings)	0.00	0.00	0.00	0.00	0.00	0.00	
	Total Rajnagar WL Division			0.000	0.00	0.000	0.00	0.00	0.00	
11	Sundargarh	Laying 765 KV/DC transmission line from Jharsuguda Pooling Station at Kenapali in Sundargarh Dist to Dharanjaygarh Pooling Station near Korba of Chhatishgarh by PGCIL	CA	0	61.60	61.60	0.00	60346.44	60346.44	
	Sundargarh	Kulda OCP MCL Ltd	CA ANR 300 ha	0	0.00	0.00	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
	Total Sundargarh Division			0.00	61.60	61.60	0.00	60346.44	60346.44	
12	Khurdha	Development of Southern Dock Complex inside Paradip Port in Sandhakud of Kujanga Tahasil by Paradip Port Trust Ltd.	CA	52.00	0	52.00	305650.80	0.00	305650.80	
	Total Khurdha Division			52.00	0.00	52.00	305650.80	0.00	305650.80	
13	Jharsuguda	Samaleswari Extn OCP	CA ANR 86 ha	0.00	0.00	0.00	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
	Total Jharsuguda Division			0.00	0.00	0.00	0.00	0.00	0.00	
14	Boudh	Canal System of Bagh Barrage MIP(Phase-II)	PCA Block 29.154 ha	0.000	0.00	0.000	0.00	0.00	0.00	No 8th year maintenance as per approved CA Scheme.
	Total Boudh Division			0.000	0.000	0.000	0.000	0.000	0.000	
15	Rairakhol	Establishment of Integrated Steel complex by M/s SHYAM DRI Power Ltd. at Pandoli & Nishabhanga in Sambalpur District	CA Block 5.00 ha, ANR 33.393 ha	0.000	0.000	0.000	0.000	0.000	0.000	No 8th year maintenance as per approved CA Scheme.
	Total Rairakhol Division			0.000	0.000	0.000	0.000	0.000	0.000	
Grand Total				169.1430	803.9760	973.1190	994205.64	787615.09	1781820.73	

Eighth Year Maintenance of 2015-16 Other Stipulation. to be taken up during 2022-23

SI No	Name of the Division	Name of the Project	Component	Block In Ha	ANR In Ha	Total Area in Ha	Funds Required for eighth Year Maintenance as per approved cost norm @ Rs.311/- per MD			Remarks
							Block @ Rs. 5877.90/- per Ha	ANR with 200 plants per Ha @ Rs.979.65	Total	
7	Angul	Diversion of 134.41 ha of forest land (including 0.18 ha of safety zone area in addition to 71.64 ha already diverted forest land for Bharatpur OCP of M/s MCL Ltd.	SZ	0.00	0.00	0.00	0.00	0.00	0.00	11.00 ha AR Plantation was not taken up during 2015-16.
			1.5 SZ	0.00	16.50	16.50	0.00	16008.30	16008.30	
8	Angul	Diversion of 324.52 ha. forest land including Safety Zone for Mining of Coal from Mandakini Coal Block A in Angul District by M/s Mandakini Coal Company Ltd.	SZ	0	0	0	0.00	0.00	0.00	15.057 AR Plantation was not taken up during 2015-16.
			1.5 SZ 2.5 ha	0.000	0.000	0	0.00	0.00	0.00	No 8th year maintenance as per approved scheme.
9	Angul	Rengali Irrigation Project	CATP ANR 200 ha	0.00	0.00	0.00	0.00	0.00	0.00	No 8th year maintenance as per approved scheme.
Total Angul Division				0.000	16.500	16.500	0.000	16008.300	16008.30	
11	Keonjhar	Laying of downhill pipe conveyor system and underground pipeline through forest land in Kitabeda village in Keonjhar District by M/s Sarada Mines Pvt. Ltd.	Plantation over forest land on both sides of the conveyor system ANR 10.0379 ha	0	0.0000	0.0000	0.00	0.00	0.00	No 8th year maintenance as per approved scheme.
12	Keonjhar	Laying water pipeline and other related infrastructure facilities for operationalisation of their Iron ore beneficiation plant at Dubuna by M/s Essar Steel India ltd.	Avenue Plantation	0	0	12.76 RKM	0.00	0.00	333342.24	@ Rs.26124/- per RKM (Cost norm for 7th year maintenance of Avenue Plantation)
13	Keonjhar	Laying slurry pipeline from beneficiation plant at Paradeep by M/s Essar Steel India ltd.	Avenue Plantation	0	0	17.68 RKM	0.00	0.00	461872.32	@ Rs.26124/- per RKM (Cost norm for 7th year maintenance of Avenue Plantation)
Total Keonjhar Division				0.0000	0.0000	0.0000	0.00	0.00	0.00	
						+ 30.44 RKM Avenue Plantation	0.00	0.00	795214.56	
14	Sundargarh	Coal Mining in village Girisua, Jamkhani, Kendra & Jharpalam under Hemgiri Tahasil of Sundargarh Dist. By M/s bhushan Power & Steel Ltd.	Soil Conservation measures outside the ML area ANR 550 ha	0.00	0.00	0.00	0.00	0.00	0.00	No 8th year maintenance as per approved scheme.
Total				1.4680	18.7020	20.1700	8628.76	18144.68	26773.44	
						+30.44 RKM Avenue Plantation			787543.68	

Backlog Compensatory Afforestation to be taken up during 2022-23

Sl. No.	Name of the Division	Name of the Project	CA area in Ha	Amount required for First Year Planting to be taken up during 2022-23 @ Rs 315/- MD					Total (In Rs)	Remarks
				AR with 1600 plants without fencing @ 54173.49	Bald Hill 1600 Plants without fencing @ 94449.39	ANR with 200 plants per Ha @ Rs. 23055.48	ANR with 400 plants per Ha @ Rs. 30923.76	ANR without Gap Plantation @ Rs. 14747.25		
		(A) To be executed from CA Head								
1	Keonjhar	Inganijharan Iron & Manganese Ore Mines of Dr. Sarojini Pradhan	13.97			322085.06			322085.06	ANR 200
2	Keonjhar	Iron & Manganese Ore Mining in village Bamebari, Jaribahal etc by M/s TISCO Ltd.	40.66			937435.82			937435.82	ANR 200
3	Keonjhar WL	Joda East Iron mines of TISCO	13.48			310787.87			310787.87	ANR 200
4	Keonjhar	Iron & Manganese mines in Vill.Dalpahar & Baitarani RF by Sri R.B. Das.	3.63			83691.39			83691.39	ANR 200
5	Keonjhar	RML of Iron mines in Sidhamarha R.F. of M/s Mideast Integrated Steel Ltd.	15.00			345832.20			345832.20	ANR 200
6	Keonjhar	Iron & Manganese mines in vill. Naibaga & Katupali by Sri Tarini Prasad Mohanty	26.89			619961.86			619961.86	ANR 200
7	Keonjhar	Putulipani Iron Mines of M/s Gandhamardan Sponge Iron Industry (P) Ltd.	11.7464				363242.85		363242.85	ANR 400
8	Keonjhar	Jilling Longlota Iron & Manganese Mines by M/S ESSEL Mining & Industries.	1			23055.48			23055.48	ANR 200
9	Keonjhar	Diversion of 111.407 ha forest land for rehabilitation and upgradation of Singara to Binjabahal Section of NH-6.	139.932				4327223.58		4327223.58	ANR 400
			147.496			3400591.08		3400591.08	ANR 200	
			22.672			522713.84		522713.84	ANR 200	
			26.00				804017.76	804017.76	ANR 400	
		Total Keonjhar Division	462.4764	0	0	6566154.593	5494484.199	0	12060638.79	
10	Cuttack	Gurujanga Chromite Mines of Late M. Aikath in village Ostapal	14.836	803717.90					803717.90	
11	Cuttack	Damanijhar MIP Division	25.20	1365171.95					1365171.95	
12	Cuttack	Mining of Chromite in forest block No.27 of Mahagiri DPF by M/s Balasore Alloys Ltd.	22.25	1205360.15					1205360.15	
13	Cuttack	Mahagiri Chromite mines by M/s ICCL.	6.787		641028.01				641028.01	
		Total Cuttack Division	69.073	3374250.00	641028.01	0.00	0.00	0.00	4015278.01	

14	Rajnagar (WL)	Establishment of Integrated Steel Plant & Captive part by POSCo India Private Ltd., Jagatsinghpur	38.00	2448303.90					2448303.90	Mangrove with 4445 potted seedling @ 64429.05 per ha
		Total Rajnagar (WL) Division	38.00	2448303.90	0.00	0.00	0.00	0.00	2448303.90	
15	Rairangpur	Suleipat Iron Mines of M/s B. C. Dagara	40.78	2209194.92					2209194.92	
		Total Rairangpur Division	40.78	2209194.92	0.00	0.00	0.00	0.00	2209194.92	
16	Kalahandi South	Diversion of 806.153 ha forest land including 16.601 ha for SZ in total ML area of 874.29 ha for iron ore mining in Sundargarh & Keonjhar district ny M/s Neelachal Ispat Nigam Ltd.	200.00	0	0	4611096			4611096	
			188.55	0	0			2780623.48	2780623.48	
17	Kalahandi South	Diversion of balance 517.888 ha forest land including 9.392 ha Safety Zone in addition to 133.112 ha forest land already diverted within total ML area of 651.00 ha in Kurmitar Iron & Manganese mines of M/s OMC Ltd.	35.00	0	3305728.65				3305728.65	
			190.00	0	17945384.10				17945384.10	
18	Kalahandi South	Diversion of 79.30 ha forest land in Tiringpahar Mines of M/s OMC Ltd.	60.896	0	5751590.05				5751590.05	
19	Kalahandi South	Diversion of balance 1177.211 ha forest land including 25.1070 ha Safety Zone in addition to 232.438 ha forest land already diverted within the total ML area of 1590.8673 ha in Gandhamardan B iron Mines of M/s OMC Ltd.	447.2285	0	42240459.02				42240459.02	
		Total Kalahandi South Division	1121.6765	0.00	69243161.82	4611096.00	0.00	2780623.48	76634881.30	
		Total (A)	1732.0059	8031748.82	69884189.83	11177250.59	5494484.20	2780623.48	97368296.92	
		(B) Ancillary Activities	Area in Ha	Barbedwire Fencing		LBCD	Staggered Trench		Total	
1	Keonjhar	Diversion of 111.407 ha forest land for rehabilitation and upgradation of Singara to Binjabahal Section of NH-6.	139.932	5.88 Kms	3810240	1191530	2501984		7503754	
			147.496	0	0	1702186	2637228		4339414	
			22.672	0	0	510656	405375		916031	
			26.00	2.10 Kms	1360800	221284	464880		2046964	
		Total (B)		0	5171040	3625656	6009467	0	14806163	
(C)To be executed from Interest Head										
1	Rourkela	Constructon of TOMA system of Rourkela Steel Plant	0.0225	0	0	518.7483	0	0	518.7483	ANR 200
		Total Rourkela Division	0.0225	0	0	518.7483	0	0	518.7483	
2	Keonjhar	ML of Niranjana Pattanaik in Jururi Iron mines	3.29			75852.5292			75852.5292	ANR 200
3	Keonjhar	Joda East Iron mines of TISCO	8.458				261553.1621		261553.1621	ANR 400

4	Keonjhar	Daitari-Banspani Rly line	34.3734			792495.2362			792495.2362	ANR 200
5	Keonjhar	Belakundi iron mines by OMDC	23.194			534748.8031			534748.8031	ANR 200
6	Keonjhar	Joda-Bamebari Express way-II	1.30			29972.124			29972.124	ANR 200
7	Keonjhar	Dalki manganese mines by B.P & M.E	0.65			14986.062			14986.062	ANR 200
8	Keonjhar	Roida 'C' Iron & Manganese Mines by OMC Ltd.	50.00			1152774			1152774	ANR 200
9	Keonjhar	Kalaparabat Iron Mines by M/S B.D.Pattanaik Pvt. Ltd.	10.21			235396.4508			235396.4508	ANR 200
10	Keonjhar	Belda Block iron mines by M/S Serajudin & G	22.84			526587.1632			526587.1632	ANR 200
11	Keonjhar	RML of Balita iron mines by Dr.S.Pradhan	13.09			301796.2332			301796.2332	ANR 200
		Total Keonjhar Division	167.4054	0	0	3664608.602	261553.1621	0	3926161.764	
12	Cuttack	Iron Ore based Industries at Jakhapura near Daitari Kalinga Steel Plant	24.20	1310998.458					1310998.458	
		Total Cuttack Division	24.20	1310998.46	0.00	0.00	0.00	0.00	1310998.46	
13	Dhenkanal	Bridge over Dhanianala	0.41	22211.1309					22211.1309	
		Total Dhenkanal Division	0.41	22211.1309	0	0	0	0	22211.1309	
14	Athgarh	Kaliapani Chromite mines by M/S Jindal Strips	21.62	1171230.854					1171230.854	
		Total Athgarh Division	21.62	1171230.854	0	0	0	0	1171230.854	
15	Chandaka (WL)	Const. of new road connected to Nayapalli peripheral road to Chandaka near Kalinga Studio, Rhubaneswar	4.50	243780.705					243780.705	
		Total Chandaka (WL) Division	4.50	243780.71	0.00	0.00	0.00	0.00	243780.71	
16	Keonjhar WL	Dhanurjaypur Chromite mines of M/s IMFA	2.00	108346.98					108346.98	
		Total Keonjhar (WL) Division	2.00	108346.98	0.00	0.00	0.00	0.00	108346.98	
17	Khariar	Pendrawan MIP	1.95	105638.3055					105638.3055	
		Total Khariar Division	1.95	105638.3055	0	0	0	0	105638.3055	
		Total (C)	222.1079	2962206.43	0.00	3665127.35	261553.16	0.00	6888886.95	
		Grand Total	1954.1138	10993955.25	75055229.83	18468033.94	11765504.36	2780623.48	119063346.87	

Annexure II-II

Location wise details of activities under the Site Specific Wildlife Conservation Plan

1. Utkal D Coal Mines of OMC - Angul District/Angul Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	(a) Plantation (preferably with fodder, bamboo, fruit bearing species).				LS	1.00
2	Fire protection.					0.00
3	Photo voltac (Solar fencing).					0.00
4	Public awareness.					0.00
5	Corpus funds.					0.00
6	Protection of forest including support of the VSS/boundary maintenance etc.					0.00
7	Fire protection.					0.00
8	Habitat improvement (plantation preferably with fodder, bamboo, fruit bearing species)	Raijharan	20.96031	84.97089	LS	1.25
9	Deweeding, Control burring etc.					0.00
10	Creation of water sources by digging 3 or 4 game tanks					0.00
11	Distribution of seedlings to promote farm forestry in the area					0.00
12	Public awareness/Capacity Building					0.00
13	Anti-depredation squad with cost equipment.					0.00
14	Cost of vehicle/POL/mainteance etc.					0.00
15	Corpus fund for paying compassionate grant					0.00
16	Solar fencing its maintenance					0.00
17	Unforeseen & Miscellaneous					0.00
18	Communication net work/GIS base maps				LS	3.00
19	Pollution control and monitoring.				LS	1.00
Total						6.25

2. Utkal B-2 Coal Mines of OMC Ltd. - Angul District/Angul Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	a) Wages of Elephant trackers with uniforms & equipments	koshla	21.00444	84.94285	1 No.	2.00
2	b) Maintenance of boundary					0.00
3	Anti-depredation/Anti-poaching squad with hired vehicle/manpower/equipment/barracks/crackers, megaphone, search lights/flare guns/tents & camping equipments for 10 years					0.00
4	Habitat improvement & deweeding over 100ha.					0.00
5	Cost of 2 water holes					0.00
6	Salt licks & Maintenance					0.00
7	Wages of fire watchers @3000/-per month with uniform and equipments @3000/-x4x5x10					0.00
8	Clearance of fire line					0.00
9	Soil & moisture conservation					0.00
10	Support to VSS					0.00
11	Photo voltaic fencing-4 Kms length					0.00
12	equipment for driving away animals					0.00
13	Cattle immunization					0.00
14	IGA activities					0.00
15	Awareness promotion	koshla	21.00444	84.94285	LS	1.52
16	Computer, printer and other accessories.	koshla	21.00444	84.94285	LS	1.00
17	Corpus fund					0.00
18	Monitoring & evaluation					0.00
19	Unforeseen expenditure	koshla	21.00444	84.94285	LS	0.30
Total						4.82

3. Bharatpur Open Cast Coal Mining - Angul District/ Angul Division.						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. in lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Improvement of forest area (Assisted Natural Regeneration with gap plantation @200 plants/ha) over 415.152 ha. and maintenance.	Bulajhar RF	21.10153	85.167000	3rd yr Maint.	3.50
2	Creation of two nos. of large Water Bodies.					0.00
3	Engagement of 2 motivators for creation of awareness.					0.00
4	Supply of improved seeds & other inputs for change of cropping habitat for 200 families.	Bulajhar RF	21.10153	85.167000	LS	3.00
5	Provision of underground crop storage facilities to 200 families.	Bulajhar RF	21.10153	85.167000	LS	0.50
6	Supply of crackers, search lights, etc.	Bulajhar RF	21.10153	85.167000	LS	0.60
7	Solar electric fencing over 5 kms.	Bulajhar RF	21.10153	85.167000	LS	10.00
8	Maintenance of solar electric fencing.	Bulajhar RF	21.10153	85.167000	LS	1.00
9	Creation of awareness in the forest fringe villages through various activities.	Bulajhar RF	21.10153	85.167000	LS	2.00
10	Engagement of 10 fire watchers.	Bulajhar RF	21.10153	85.167000	5 No.	1.88
11	Supply of fire fighting equipments to the fire watchers.					0.00
12	Incentive to forest fringe villages.	Bulajhar RF	21.10153	85.167000	10 No.	1.00
13	Fireline tracing for 40 km.	Bulajhar RF	21.10153	85.167000	40 Km.	2.00
14	Engagement of anti-poaching squad.	Bulajhar RF	21.10153	85.167000	1 No.	10.00
15	Supply of logistics such as fuel, search lights, weapons and camping materials, etc.	Bulajhar RF	21.10153	85.167000	LS	1.00
16	Corpus fund for grant of compassionate payment	Bulajhar RF	21.10153	85.167000	LS	15.00
17	Development of Kanheijena-Anantapur Elephant corridor	Bulajhar RF	21.10153	85.167000	LS	2.50
18	Intelligence Collection.	Bulajhar RF	21.10153	85.167000	LS	0.50
19	Monitoring and Evaluation					0.00
20	General provision for equipments, vehicle, mobility, etc.	Bulajhar RF	21.10153	85.167000	LS	0.48
Total:-						54.96

4. Estt. of 2x600 MW Power Plant by M/s JITPL - Angul District/Angul Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. in lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Funding of VSSs for protection of forest assigned to them 5 VSSs.	Kaniha	21.09394	85.05803	5 Nos.	2.50
2	One Anti-depredation camp-cum-watch towers for multi-purpose.					0.00
3	Creation of network of firelines.	Nialu-Lodhajhar-Sapkata RF	21.16406	84.99369	5 Kms.	1.25
4	Assistance to VSSs.	Nialu-Lodhajhar-Sapkata RF	21.16406	84.99369	5 Nos.	1.25
5	5 Nos. of fire control squad.					0.00
6	Wages to vicinity villages to combat forest fire.	Nialu-Lodhajhar-Sapkata RF			5 Nos.	1.25
7	Renovation of water body/ponds to retain water during summer in foothills of Phuljhari RF					0.00
8	Creation of new pond at Tangiri RF & Kiajhara RF					0.00
9	Creation of WHS ove Hatidhara Nala in Patakhamani RF loose Boulder Structure.					0.00
10	Creation of waterholes on nala beds/river beds in Kaniha Range over Tikra River bed W.H. with HDPE lining.	Tikira River	21.10661	85.08858	100 Nos.	1.00
11	Water body renovation in the foot hill of Tamakia PRF of Deogarh Divn.					0.00
12	ANR with Gap plantation @ 200 plants/ha. In Dhenkuli RF in Kaniha Range 20 ha. and maintenance.					0.00
13	In Madhapur RF in Purunagarh Range over 45.25 ha. and maintenance.					0.00
14	Fencing 3.71 km.					0.00
15	Bald Hill Plantation- in poipaladanda (Dalak) RF in Kaniha Range over 25.5 ha.					0.00
16	Fencing 2.02 km.					0.00
17	SMC Measures- Staggered Trenches, Loose Boulder Structure, Halfmoon Trench Gully plugging by vegetative method.					0.00
18	SMC measure to prevent nala bank.	Tikira River	21.10664	85.08858	LS	5.00
19	Two spurs covered with woven wire mesh 30 ft length & 45 ft length at 120 angle over Tikira river in Kaniha Range.					0.00
20	Grass seeding over 10ha in Sapakata-Lodhajhari-Nialu RF and Patakhaman and Kiajhar RFs.					0.00
21	Creation of salt licks- 6 Nos. in barking deer and other ungulates population forest blocks.	Kaniha	21.09394	85.05803	6 Nos.	2.00
22	Elephant depredation measures- Solar fencing in Bulajhar RF in Talcher Range Over 15 km.	Bulajhar RF	21.10153	85.16700	15 Kms (Maintenance)	0.74
23	Elephant-proof Trench in Bulajhar RF in Talcher Range over 10 km.	Bulajhar RF	21.10153	85.16700	10 Kms. (Maintenance)	1.00
24	Creation of corpus fund	Kaniha	21.09394	85.05803	LS	7.00
25	Awareness drive and signboard.					0.00
26	Meetings of monitoring committee	Kaniha	21.09394	85.05803	LS	0.50
Total:						23.49

5. Estt. of Integrated Steel Plant & Power by Jindal Steel Power Plant Ltd - Angul District/ Angul Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs.in lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Inside the lease hold Area Raising of green belt covering about 350 ha. With suitable species and maintenance.					0.00
2	Water hole development & grass planting	Angul	20.84164	85.09625	LS	3.00
3	Fire protection.	Angul	20.84164	85.09625	LS	2.00
4	Awareness promotion including signage.	Angul	20.84164	85.09625	LS	3.00
5	Gis based maps Satellite maps on GIS domain.					0.00
6	Other unforeseen expenses.	Angul	20.84164	85.09625	LS	2.00
7	Outside the lease hold Area- Protection of forest including support to the VSS/boundary maintenance/pillar construction etc.					0.00
8	Fire protection including fire lines/incentives to VSS/equipment/squads etc.					0.00
9	Purchase of two vehicle (1 for DFO, Angul office + DFO, Satkosia (WL) Divn), engagement of contractual drivers & POL etc.					0.00
10	Creation of game tanks and renovation and maintenance of old game tanks, water bodies, wallowing grounds etc. in interior forest areas.					0.00
11	Plantation (preferably with fodder, bamboo, fruit bearing species).	Nisa (Kerjang)	20.92739	85.00170	10 Ha. (3rd year maint.)	2.00
12	Public awareness/Capacity Building.					0.00
13	Protection/Anti-depredation squad with cost of equipment, Incentive and hiring of vehicle etc.					0.00
14	Corpus funds for paying compassionate grant.					0.00
15	Solar fencing & its maintenance					0.00
16	Immunization of livestock					0.00
17	Development of communication network/GIS based maps.					0.00
18	Pollution control and monitoring.					0.00
19	Development of infrastructure like VHF sets/towers, Watch Towers, communication equipments like telephones/computers, peripherals, environmental campaigning equipments, repair of staff quarters/check gates and					0.00
20	Eco-development/Income generating livelihood activities in both Angul (T) and Satkosia (WL) Divn.					0.00
21	Unforeseen & miscellaneous expenses.					0.00
Total:						12.00

6. Construction of Talcher-Bimalgarh New BG Rail Link Project, Phase-II from 25.00 km to 153.90 km by E.Co.Railway Angul District/ Angul Division

SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs.in lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Creation of water body-				1 No.	5.60
2	Planting of fruit bearing Trees with 1 Km Barbed wire fencing				1 km	9.09
3	Planting of Ficus Sp-cutting-500 nos.				100 nos	1.50
4	Deployment of one fire fighting squad				1 No.	5.90
5	Deployment of Anti-depredation squad-2 Nos.				2 nos	35.88
6	Watch Tower cum protection camp with all logistics- 2 nos.				1 No.	20.00
8	Search light 20 numbers @ Rs.10000/-				10 nos	1.00
9	Trap camera to 10 numbers @ Rs.25000/-				5 nos	1.25
10	Binocular- 5 nos				2 nos	1.25
11	Night Binocular- 1 no				1 No.	1.25
12	Crackers- 10 nos				1 No.	1.25
13	Betary operated weed Cutter- 1 no				1 No.	0.50
14	Public Awareness- 20 nos					0.00
15	Provision of Corpus fund				LS	0.50
16	Mobile Veterinary Unit- 1 nos				1 No.	6.14
17	Provision for Street light (Solar)- 20 nos				20 nos	2.50
18	Providing alternate Fuel- LPG- 50 nos				10 nos	0.30
19	Providing VHF Sets/ Walki- Talky- 15 nos				15 nos	3.00
Total:						96.91

7. Integrated Steel Plant of M/s Rungta Mines Ltd. at Jharaband Dist- Angul/Angul Division Angul Division

SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs.in lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Assisted Natural Regeneration (ANR) with 200 Plants/Ha. in Kandhal RF of Talcher Range @ Rs.32,466/- per ha. with maintenance up to 10 years. (10 HA)				10 ha.	3.25
2	Soil & moisture conservation measures i Kandhal RF a) Check dam with loose boulder structure 3 mtr. Span @ Rs.11,200/- 7 Nos.-----0.78 lakh 2 mtr. Span @ Rs.5,400/- 10 Nos.-----0.54 lakh 1 mtr. Spar @ Rs.2,700/- 15 Nos.-----0.41 lakh				32 Nos.	1.73
3	b) Vegetative Gully plugging (1 mtr. Span @ Rs.2,000/- (LS) (30 Nos.)				30 nos	0.60
4	Renovation of water body (Game Tank) in Kandhal RF (Routra Khol) with its maintenance- 1 No.				1 No.	5.00
5	Forest fire preventive measures inside Buffer zone including cost of fire fighting equipments, fire line maintenance and awareness programme for 10 years @ Rs.3. 00 lakh per year				LS	3.50
6	Maintenance of RF Boundary line-cum-fire line in Kandhal RF @ Rs.5,000/- per km/each year for 10 years.				7.39 Km	1.25
8	Man-animal conflict					0.00
9	Provision of compassionate grant in the zone of influence				LS	5.00
10	Solar fencing over 10.00 km around the villages to be identified by DFO.				10 Km.	15.00
11	Awareness programme- (LS)				LS	0.50
12	Monitoring & Evaluation- (LS)				LS	0.50
Total:						36.33

8. Sukinda Chromite Mines of M/s TATA Steel Ltd - Dhenkanal District/ Dhenkanal Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Engagement of Anti-depredation and anti-poaching Squad consisting of 10 persons	Kamakhyanagar East Range at Dandadhar	21.0064	85.6065	1 No.	20.58
Total:-						20.58

9. Rehabilitation and Upgradation (Four laning) of Cuttack-Angul Section of NH-42(Now-55) From 0 Km. to 112 Km. - Dhenkanal District/Dhenkanal Division

SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Fruit & Fodder Plantation (3rd Year maintenance)	Kapilash Sanctuary area, Bompa RF & Mathragudi RF	20.6806 20.6769 20.735	85.7714 85.38374 85.47553	40 Ha.	8.17
2	Bald Hill Plantation (3rd year Maint.)	Mayuri RF & Kankadahad RF	20.6233	85.5779	20 Ha.	4.98
3	WHS					0.00
4	Elephant Proof trench Fencing					0.00
5	SMC Measures					0.00
6	De-silting of Tanks adjacent to Project Road	Babandha of Hindol Range	20.721384	85.429495	2 nos.	10.00
7	Fire line Maintenance	Kapilash Sanctuary	20.6771	85.7661	25 Km.	0.77
8	Modern Fire Fighting Equipment					0.00
9	Incentive to VSS/EDC					0.00
10	Monkey/Bear Management Team (MMT)	Dhenkanal	20.68034	85.586516	1 unit (5 person)	7.69
11	Deployment of Antidepredation Squad	Dhenkanal	20.61017	85.60414	1 unit (10 person)	20.58
12	Deployment of Animal Tracker	Dhenkanal	20.6403	85.62976	1 unit (2 person)	3.44
13	Protection squad Barrak	Pita Panasa in Kapilash Sanctuary	20.66768	85.748393	1 No.	15.00
14	Sanctuary entry gate /Publicity	Chatighar	20.70235	85.88944	1 No.	10.00
15	Cattle Immunization programme	Kapilash/Dhenkanal	20.70237 20.66589	85.75559 85.61797	2 Nos.	0.40
16	Sinking of tube wells in villages within ESZ and project ZOI	Khajuria village (Dhenkanal Range) & Chatighara village (Kapilash Range)	20.70235	85.88944	2 No.	2.00
17	Assistance to change Over to alternate fuel	Kapilash	20.7346	85.77728	60 nos.	3.00
18	Providing Camera/Night vision Binocular etc.					0.00
19	Animal Rescue Unit	Kapilash	20.7226	85.74856	1 No.	2.50
20	Competition in School/Collages (Debate,Quiz,Essay, Painting etc.)	Dhenkanal	20.64853	85.56692	1 No.	0.30
21	Celebration of Important Environmental day/ Public awareness.	Dhenkanal	20.63857	85.55955	1 No.	0.30
22	monitoring & Evaluation					0.00
Total:-						89.13

10. Rehabilitation and Upgradation NH-23/200 by NHAI - Dhenkanal District/Dhenkanal Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	ANR Plantation	Anantpur RF Compt. No-6 & Bajasahi of K. Nagar West Range	21-01-20.4 20.987825	85-55-54.14 85.550512	45 Ha.	12.77
2	Soil & Moisture Conservation	Anantapur RF Compt. No.1 & 2 of K. Nagar West Range	20.966282 20.972421	85.572675 85.557182	400 Ha.	24.88
3	Elephant Corridor development					0.00
4	Creation of Water Harvesting Structure					0.00
5	Creation of Water Harvesting Structure					0.00
6	Fixing of Bird Nest	K. Nagar West	20.9146	85.4932	1400 Nos.	6.60
7	Fire Fighting equipment(blower)	K. Nagar West	20.9018	85.5198	10 Nos.	6.00
8	Fuel & Maintenance	K. Nagar West	20.9025	85.5055	L.S.	1.10
9	Staff Barrack with all infrastructure facility	Mahabirod	21.0932	85.3393	01 No.	20.00
10	Deployment of anti-depredation squad	Mahabirod & K. Nagar West	21.0632 20.8962	85.2263 85.4536	2 nos.	41.15
12	Protection of Unguarded wells	Mahabirod, K. Nagar West, K. Nagar East & Bhuban Range	21.0843 21.0782 21.0856 20.9055	85.3329 85.5073 85.599 85.7498	80 nos.	12.00
16	Camera trap equipment	K. Nagar West	20.9405	85.5351	04 Nos.	1.00
17	Animal rescue kit	Bhuban	20.9033	85.7446	L.S	3.00
18	Providing Night Binocular	K. Nagar West	20.9167	85.5048	01 No.	5.00
19	Sinking of Tube well	Kankili & Baghamunda of K. Nagar West Range	20.877463 21.007924	85.436388 85.421599		2.00
21	Public Awareness	K. Nagar West	20.932	85.5068	LS	0.15
	Incentive to VSS	Mahabirod, K. Nagar West	20.9922 20.9557	85.3716 85.529	2 nos.	0.40
Total:-						136.05

11. Construction of 3 x 800 MW Thermal Power Plant by OTPCL. - Dhenkanal District/Dhenkanal Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Deployment of One Wildlife protection cum anti-depredation squad with provision of hired vehicle, POL and other logistic support					0.00
2	Deployment of an additional Wildlife Protection and Anti depredation Squad with provision of hired vehicle, POL and other logistic support					0.00
3	Construction of a barrack	Kadalipal	20°49'59"	85°30'.12"	01 Nos.	20.00
4	purchase of anti-depredation equipments such as communication equipments, search and high illumination lights, flare gun, verotile pistol, drums and crackers to drive out the wild elephants from crop and house raiding on lumpsum	K. Nagar West Range	20.9004	85.5087	LS	5.00
5	Excavation of elephant proof trench along the boundary	Bhagabanpur, Dhenkanal	20.6894	85.6327	5 RKM	23.10
6	Protection of open wells	K. Nagar West Range	20°50'03.3"	85°31'26.5"	12 Nos.	1.80
7	Awareness campaign, management of inter-face between man and wild-animals	K. Nagar West Range, Dhenkanal Range	20.8837 20.6356	85.5102 85.5866	20 Nos of villages.	4.82
8	Local Fire Fighting Squad consisting of 05 persons per unit	Muktapasi, Pipala , Anlaberani of K. Nagar West Range	20.94398 20.895158 20.82683	85.413946 85.605277 85.548185	3 nos.	7.42
9	Fire Fighting Squad consisting of 10 Nos.	Muktapasi	20.94398	85.413946	01 Nos.	10.00
10	Purchase of Fire Blowers					1.83
11	POL & Maintenance					0.33
12	Implements and Camping arrangements for Fire Fighting Squads	Muktapasi	20.94398	85.413946	LS	0.50
13	Creation of Fire Line	Anantapur RF	20.985364	85.542706	35 RKM	1.11
14	ANR practices with gap plantation @ 200/-per Ha.	Anantapur, Kadubasanta	21°00'02"	85°29'16.9"	100 Ha.	34.19
15	Barbed wire fencing using RCC posts	Anantapur, Kadubasanta	20°59'37.06"	85°34'18.0"	4 km	32.40
16	Creation of Water Harvesting Structure (WHS)	Dehurinalia	20°50'59.04"	85°34'37.6"	01 No.	15.00
17	Provision for stabilization of embankments by boulders soling, turfing and construction of spill way	Kadalipal	20°50'13.8"	85°29'57.1"	01 No.	4.50
18	Excavation of a water body					0.00
19	Soil and moisture conservation measures	Sunajhari RF, Anantapur RF & Sundarakhol RF	20050'52" 20.985364 20.884102	85034'37.5" 85.542706 85.457678	5 nos.	1.05
20	Construction of masonry check dams with RCC lean reinforcement	Indrajeet Nala	20°49'22.5"	85°31'44.2"	02 Nos.	2.12
21	Provision for gully plugging	K. Nagar West Range	20.8728	85.5152	L.S	2.00
22	Creation and development of artificial salt licks	K. Nagar West Range	20°53'1.5"	85°29'24.2"	08 Nos.	1.63
23	Development of pastures by seed sowing on the bank	Anlaberani RF & Sunajhari RF	20°50'52"	85°34'37.5"	04 Ha.	1.35
24	Provision for artificial bird nesting	Kadalipal RF, Sundarakhola RF & Sunajhari RF	20°50'40.8"	85°28'45.0"	250 Nos.	3.28
25	Provision for a model Butterfly park	Dhenkanal	20.647	85.5895	01 No.	10.00
26	Protection of fresh water turtle	Near Brahmani river bank of Sadangi and Bhuban Range	20.7743	85.4909	01 No.	9.61

SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
27	Provision for protection of migratory open billed storks	Near Brahmani river bank of Sadangi and Bhuban Range	20.96	85.5543	01 No.	7.90
28	Financial support to strategic villages located around the habitat in zone of influence to protect the habitat and to assist the staff in anti-depredation and anti-poaching activities and to curb man-animal conflict	K. Nagar West Range	20.9593	85.5094	20 Nos.	2.00
29	Proposal for free distribution of two years old seedlings	K. Nagar West Range	20.9575	85.4682	5000 Nos.	1.77
30	Proposal for free distribution of honey bee box with accessories	K. Nagar West Range	20.964	85.5136	15 Nos.	0.75
31	Proposal for providing leaf plate press machine				0	0.00
32	Proposal for financing Self Help Groups(SHG)	K. Nagar West Range	20.946	85.5042	03 Nos. SHGs	2.10
33	Monitoring, evaluation and training including cost of computers, remote sensing and other equipment etc				L.S.	1.00
34	Provision of Compassionate Fund					0.00
Total:-						208.56

12. New oil deport by Bharat Petroleum Corporation Ltd. - Dhenkanal District/Dhenkanal Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Bamboo Ball Plantation	Matharagadi RF	20 ⁰ 43' 13.5"	85 ⁰ 30' 30.4"	1350 Nos.	0.20
2	Creation of artificial water hole					0.00
3	Radio Collaring on elephant	Dhenkanal	20 ⁰ 39' 14.1"	85 ⁰ 35' 42.3"	01 unit	32.50
4	Mobile veterinary	Dhenkanal	20.6589	85.5958	01 Unit	4.20
5	Night Vision Drone Camera with extra battery	Dhenkanal	20.6684	85.5904	02 No.	10.00
6	Remuneration to Gajabandhu	Dhenkanal, Hindol	20.6524 20.6621	85.6093 85.3421	20 Nos.	21.60
8	Solar lighting system	Dhenkanal/Hindol	20.645442 20.647635	85.613713 85.612738	24 Nos.	14.40
10	Construction of protection camp	Kaunriapal	20.74324	85.47649	01 No.	20.00
11	Costs of signage	Dhenkanal/Hindol	20.609106 20.610004	85.189527 85.192568	40 Nos.	1.00
13	Watch Tower	Dhenkanal	20.6858	85.5778	01 No.	20.00
14	Warning system to prevent elephant intrusion					0.00
Total:-						123.90

13.Establishment of Integrated Steel Plant & Captive Power Plant in village Jharbandha by M/s Rungta Mines Ltd. - Dhenkanal District/Dhenkanal Division

SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	POL for two patrolling vehicles to be deployed in Kantamili, Karnapur, Hindol, Khajuriakata & Rasol Beat area of Hindol Range. So as to cover on an average 300 Km of 11 KV Line in an interval of 02 hours on all nights 365 days for 04 years.	Kantamili, Karnapur, Hindol, Khajuriakata & Rasol Beat area	20 ⁰ 39' 55.5"	85 ⁰ 09' 55.2"	2 unit	10.00
2	Maintenance of inspection path from Murude to Vhejia and further to Talaganda for 10 years. Every year 06 Kms to be maintained out of total 12 Kms	Murude to Vhejia and further to Talaganda	20 ⁰ 33' 17.2" 200 32' 24.4" 200 33' 37.6"	85 ⁰ 15' 39.9" 850 14' 17.5" 850 13' 31.4"	6 unit	4.20
3	Meadow development over an area of 05 Ha. in Kandhara RF Compartment No.06	Kandhara RF Compartment No.06	20 ⁰ 33' 57.5"	85 ⁰ 14' 48.4"	5 ha.	7.50
4	Maintenance of meadows for 09 subsequent years					0.00
5	Construction of large Masonry Check Dams in Compartment No.17,18,19,20 & 21 of Kandhara RF over Sankei nallah, Kalan nallah, Khanda nallah, Ambakhol nallah and their branches. So as to act as water reservoir during summer seasons	Compartment No.17,18,19,20 & 21 of Kandhara	20 ⁰ 32' 42.6" 200 32' 27.7" 200 31' 48.2" 200 32' 07.8"	85 ⁰ 19' 09.6" 850 20' 14.3" 850 21' 08.0" 850 19' 19.1"	6 unit	25.00
6	Engagement of 05 Nos. of watchers on daily wage basis for protection of poaching sensitive Compartments of 17,18,19,20 & 21 of Kandhara RF	Compartments of 17,18,19,20 & 21 of Kandhara RF	20 ⁰ 31' 33.9" 200 32' 09.1" 200 31' 57.3" 200 31' 54.6" 200 31' 07.2"	85 ⁰ 17' 36.7" 850 19' 08.6" 850 19' 52.6" 850 20' 40.6" 850 20' 49.6"	1 unit	7.75
7	Monitoring and Evaluation	Dhenkanal	20.680341	85.586519	LS	0.25
8	Awareness/ Training etc.	Hindol	20.609106	85.189327	LS	0.50
9	Installation of Signage's	Hindol	20.61003	85.192567	6	1.80
10	Anti-depredation equipments like, lights, crackers etc.	Hindol	20.62001	85.18652	LS	0.20
Total:-						57.20

14. Angul-Duburi-Sukinda Road New BG Rail Link Project by East Coast Railway - Dhenkanal District/Dhenkanal Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Bamboo Plantation 0th year and 1st year	Mahabirod, Anantapur RF	21.060597	85.420823	05 Ha.	4.41
2	Fruit & Fodder Plantation	Kuturia of Mahabirod Range	21.02168	85.351252	10 Ha.	19.56
3	Elephant Tracker (one units 02 persons)	Mahabirod (1) K. Nagar West(1) Bhuban Range (1)	21.072269 20.884247 20.932342	85.381644 85.837721 85.835488	3 units	9.25
4	Anti-depredation Squad	K. Nagar West Range	20.932342	85.835488	01 No.	20.58
5	Construction of masonry check dams at five places	Dolia RF & Kankili RF	21.104059 20.879243	85.436461 85.396669	5 nos.	25.00
6	Cattle immunization	K. Nagar West Range	20.932342	85.835488	1 no.	0.20
7	Fire line creation	Anantapur RF in Mahabirod Range	21.060597	85.420823	50 Rkm	1.60
8	POL of fire blowers	Mahabirod, K. Nagar East, K. Nagar West, Bhuban Range	21.072269 20.932208 20.932342 20.884247	85.381644 85.534733 85.835488 85.837721	10 nos.	1.40
9	Purchase of 10 fire blowers	Mahabirod, K. Nagar East, K. Nagar West, Bhuban Range	21.072269 20.932208 20.932342 20.884247	85.381644 85.534733 85.835488 85.837721	10 nos.	6.10
10	Maintenance of fire blowers at Mahabiroad, K. Nagar East , K. Nagar West & Bhuban Range	Mahabirod, K. Nagar East, K. Nagar West, Bhuban Range	21.072269 20.932208 20.932342 20.884248	85.381644 85.534733 85.835488 85.837722	LS	1.10
11	Purchase of medicines etc.	Mahabirod, K. Nagar East, K. Nagar West & Bhuban Range	21.072269 20.932208 20.932342 20.884247	85.381644 85.534733 85.835488 85.837721	LS	4.00
12	Anti-depredation equipments such as lights, loud speakers, crackers, camp equipments etc.	K. Nagar West Range	20.932342	85.835488	LS	2.00
13	Awareness generation	K. Nagar West Range	20.932342	85.835488	LS	0.39
Total:-						95.59

15. Mahagir Chromite Mines by M/s IMFA Ltd. - Dhenkanal District/Dhenkanal Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Creation & enrichment of Forest with Elephant favourable fodder:	Dhalapada RF. BaliboRF & Bhuban RF of Bhuban Range	20.9571 20.89998 20.91299	85.7821 85.9072 85.79286	5000 Nos.	0.75
2	Construction of Check dam	Sunajhari RF of Bhuban Range	20.86106	85.61075	01 No.	10.00
3	For Sloth Bear	Bharati Pahada&Balibo RF of Bhuban Range	20054'21.0" 20.9001	85048'29.1" 85.91205	04 Units	2.00
4	Training and Awareness	Bhuban Range	20053'15.1"	85049'14.2"	LS	1.00
5	Add 20% cost escalation					3.15
Total:-						16.90

16. Sukinda Chromite Mines by M/s IMFA Ltd at Kaliapani in -Jajpur District/Dhenkanal Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Engagement of 05 members team daily wag basis for 10 years to be stationed at Ekul/Sekul of Ranjagarh RF to work as Anti-poaching squad in interior areas particularly tri-junction of Dhenkanal Division, Keonjhar Division & Keonjhar Wildlife Division				1 no.	7.58
2	Plantation of Ficus 500 nos seedlings in 26 VSS area adjoining to Ranjagarh RF and adjoining to RF area.				250 nos.	0.50
3	Awareness Generation for Ficus tree plantation				LS	0.10
Total:-						8.18

17. Lanco Babandha Power Plant by M/s Lanco Babandha Power Ltd. (LBPL) -Dhenkanal District/Dhenkanal Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Construction of a veterinary doctor deployed in Dhenkanal Division under MGM Minerals Ltd Site Specific Wildlife Conservation Plan from year 4 to 10 on contractual basis (7 years)					0.00
2	Deployment of Wildlife biologist in Dhenkanal Division for continuous study of elephant movement and behaviour in order to mitigate conflicts (10 years)				1 no	4.80
3	Deployment of dog squad to detect wildlife crimes in particular illegal hooking and poaching in Hindol Range for 10 years.				1 no	1.71
4	Awareness generation on ESZ regulations in Kapilash Wildlife Sanctuary ESZ Zone.				LS	2.50
5	Erection of speed barriers on the road Deogaon to Chatighara inside Kapilash Wildlife Sanctuary- 10 nos.				LS	4.00
6	Signages on elephant movement and other Wildlife movements areas-10 nos				LS	2.50
7	Purchase of tranquilizing equipment's accessoris and medicine				LS	8.00
8	Study and documenting on elephant movement as well as study of their health with dung analysis.				LS	0.25
Total:-						23.76

18. Esst. of 6 MTPA integrated steel plant at Badkerjang by Jindal steel & Power Ltd. Angul District -Satkosia WL Division.						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. in lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Outside the lease hold Area- 1) Protection of forest including support to the VSS/boundary maintenance/pillar construction etc.					0.00
2	2) Fire protection for 10 years including fire lines/incentives to VSS/equipment/squads etc.					0.00
3	3) Purchase of two vehicle (1 for DFO, Angul office + DFO, Satkosia (WL) Divn), engagement of contractual drivers & POL etc. for 10 Years.					0.00
4	4) Creation of game tanks and renovation and maintenance of old game tanks, water bodies, wallowing grounds etc. in interior forest areas in both Angul and Satkosia WL Divn.					0.00
5	5) Habitat Improvement: Large scale plantation preferably with fodder, bamboo, fruit bearing species and development of grass land/meadows including watch and ward for 5 years in both Angul (T) and Satkosia (WL) divn.	Tikarapada RF compt- 3 & Baghamunda RF Compt-11	20.5903 20.6952	84.8328 84.7609	LS	1.00
6	6) Public awareness/Capacity Building in both Angul (T) and Satkosia WL Divn.					0.00
7	7) Protection/Anti-depredation squad with hire charges & cost of POL etc.	Jillinda	20.52	84.94	1 unit (5 person)	1.19
8	8) Corpus funds for paying compassionate grant and wildlife depredation control measures at the time of exigencies for man wild animal conflict in both Angul (T) and Satkosia WL Divn.					0.00
9	9) Solar fencing & its maintenance					0.00
10	10) Immunization of livestock in both Angul (T) and Satkosia (WL) Divn.					0.00
11	11) Development of communication network/GIS based maps Satellite maps on GIS domain should be procured every year to know the changing profile of the project area/project impact area in both dry season and wet season for 10 years preferably using the GIS lab of PCCF (WL), Orissa in both Angul (T) and Satkosia WL Divn.					0.00
12	12) Pullution monitoring mechanism to be development in consultation with State Pollution Control Board to assess the impact of pollution in the area in the forest and wildlife in both Angul (T) and Satkosia WL Divn.					5.00
13	13) Development of infrastructure like VHF sets/towers, Watch Towers, communication equipments like telephones/computers, peripherals, environmental campaing equipments, repair of staff quarters/check gates and maintenance in both Angul (T) and Satkosia WL Divn.					0.00
14	14) Eco-development/Income generating livelihood activities in both Angul (T) and Satkosia (WL) Divn.					0.00
15	15) Unforeseen & miscellaneous in both Angul (T) and Satkosia (WL) Divn.					0.00
Total:-						7.19

19. M/s Odisha Cement Plant - Cuttack District/Athgarh Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	1- Gap Plantation @ 200 plants per ha. In Ranibania and in Subhasi RF100 ha. @Rs.32881.25 per ha.) (1st year maintenance)	Ranibania RF & Subasi RF			100 Ha.	4.75
2	2- Creation of two number large water bodies in Subashi RF and Oringa RF @ 5.00 lakhs each.					0.00
3	Man-Animal conflict: 3- Elephant squad of 05 persons each has been made with the expenditure earmarked for 10 years. (9244.70 x 5 x 12 x 10)	Athgarh			1 Nos	14.27
4	4- Engagement of motivators, creation of awareness					0.30
5	5- Elephatn driving equipment, supply of crackers, search lights which will be implemented in Khuntuni range.					0.30
6	6- Creation of awareness through various activities. (Display of sign Boards in the Prominent plances of the road.					0.00
7	7- Deposit for compassionate grant (fixed deposit-interest only to be drawn for payment.					1.00
8	Prevention of Forest Fire: 8- Wages of fire watchers 02 nos. for 05 years @ 6500 for 4 months in a year.					0.52
9	9- Fire-fighting equipment.					0.30
10	10- Incentive to forest fringe villages.					0.00
11	11- Fire-line tracing in subhasi and Oringa RF.					0.50
12	12- Intelligence collection (fixed deposit-interest only to be drawn for payment).					0.10
13	13- Monitoring and evaluation.					0.00
Total:-						22.04

20. M/s Bhubaneswar Power Plant - Cuttack District/ Athgarh Forest Division

SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Plantation of qualifie specis on ANR with gap plantation of elephant habitat @ Rs.22,200/- per ha over 30 ha (200 plants/ha) along with Solar fencing (4 kms @ Rs.1.50 lakh/km)					12.66
2	Bamboo plantation over 30 ha (204 plants/ha) @ Rs.22,700 with Solar fencing (4 Kms @ Rs.1.50 lakh/Km)					0.00
3	Fire watcher for 5 months (4 No's) @ Rs.4,500/- per months for 5 years.					0.90
4	Fire preventon incentive to forest fringe villages for 20 villages @ Rs.50,000/- each village for 1 years.					2.50
5	Grass Seeding over 20 ha @ 15000/ per ha with Solar Fencing over 3 Km @ 1.50 Lakh/ per Km.					0.00
6	Stone and Massonary Check Dams with Gully Plugging etc. on lump sum					0.00
7	Farm Forestry (grafted seedling sof mango, guava and coconut tree etc.,) 25,000 seedlings @ Rs.20/- per seedling.					0.50
8	Fuel Efficent Chullas (Solar)					0.00
9	Creation and maintenance of 3 Nos. water bodies around the project @ Rs.6,00,000/- each	Baniabandha RF			1 No.	6.00
10	Garbage control					0.00
11	1 No. of Anti Depredation Squad (5 @ Rs.5,000/- per persons for 10 years)				1 No.	3.00
12	Community Solar Fencing ((2 km) @ Rs.1.50 lakh/km.					0.00
13	Corpus Fund				LS	1.00
14	Signage and Awareness promotion				LS	0.50
15	Supply of Search Light to 40 villages of Athgarh and Khuntuni Range (1 search light/village @ Rs.5,000/- each) to reduce elephant depredation.				LS	0.50
16	Monitoring and Evaluation				LS	0.40
17	Purchase of Sirens/hooters/public address system etc. for elephant driver on lump sum.					0.00
18	Supply of Night Vision Cameras , Camera Trap, GPS equipment, Eco-Gen 15 Kva.				LS	2.58
Total:-						30.54

21. 4 Laining of Cuttack-Angul Section of NH-42- Cuttack District / Athgarh Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Habitat Improvement Fruit & Fodder Plantation-20 Ha. (@ Rs.0.93971/- per Ha.) at Subasi RF. (2nd year maint.)	Subasi RF			20 Ha.	9.14
2	Bald Hill Plantation- 30 Ha (@ Rs.3.03249/- per Ha) Sunamuhan RF-20 ha & Baula RF- 10 Ha. (2nd year Maint.)	Baula RF			30 Ha.	43.42
3	Development of Birds Corridor-Planting of Tall Shady trees-1000 Nos. (@ Rs.0.01/-per)	Chatisapata Area to Baula Pata Area			1000 Nos.	2.00
4	WHS-5 Nos. (@ Rs.4.00 lakh)					0.00
5	Elephant Proof Trench Fencing-15 Rkm (@ Rs.4.00 lakh per Rkm.)	Suniamuhan to Baula			15 Rkm.	16.00
6	Soil & Moisture Conservation (LS- 2RF)	Subasi RF & Baula RF			LS	5.00
7	De-silting of Tanks adjacent to Project Road- 3 Nos.				LS	3.97
8	Solar Fencing (a) Permanent Nature (With RCC Pillar)-16 Rkm (@ Rs.3.00 lakh per Rkm)				16 Rkm.	12.00
9	(b) Temporary nature (With Bamboo Pillar)-30 Rkm. (@ Rs.1.00 lakh per Rkm)					0.00
10	(c) Recurring Expenditure for fixing of temporary Solar Fencing-30 x 10 Rkm. (@ Rs.0.04 lakh) per Rkm.				30 Rkm.	1.00
11	Fire protection Measures (a) Fire Line Maintenance-15 Rkm (@ Rs.0.05 lakh) per Rkm.				15 Rkm.	2.25
12	(b) Modern Fire Fighting Equipments (Blower)-10 Nos. (@ Rs.0.60 lakh each)					0.00
13	(c) Incentive to VSS/EDC towards assistance in Fire Protection measures-20 Nos. @ Rs.20,000/-				20 Nos.	1.00
14	Surveillance (a) Monkey/Bear Management Team (MMT)- 1 unit (5 person)				1 unit	3.79
15	(b) Deployment of Anti-depredation Squad-1 Unit	Khuntuni			1 No.	20.58
16	(c) Deployment of Animal Trackers-1 unit	Khuntuni			1 No.	3.33
17	Support to Sanctuary Management Cattle immunization Programme-10 Nos.				10 Nos.	0.50
18	Sinking of tube Wells in Villages within ESZ and Project Zol- 3 Nos				3 nos.	2.50
19	Assistance o change Over to alternate Fuel-250 Nos.				250 Nos.	2.00
20	Logistic Support Providing Camera/Night vision Binocular Etc.-1 No.					0.00
21	Animal Rescue Unit-1 No.					0.00
22	Awareness Programme Competition in School/Colleges (Debate, Quiz, Essay, Painting etc.)-10 Nos.				1 No.	0.30
23	Celebration of important Enviroment Days/Public awareness-10 Nos.				10 Nos.	0.25
24	Monitoring & Evaluation				LS	0.40
Total:-						129.43

22. DAITARY & DAITARY EXTENSION AREA (TOWNSHIP) M/S. OMC LTD. - Cuttack District/Cuttack Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Wages of 10 fire watcher @Rs.4,500/- per month during 5 months a year over a period of 10 years	Cuttack Forest Division			1 no.	4.66
2	Fire fighting incentive to 5 villages @ Rs.25,000 each year.	Cuttack Forest Division			5 nos.	1.25
3	Awareness Promotion (Exposure visits, Signages, Meetings and seminars, Prizes)	Sukinda & Tomka Range			1 No.	1.00
4	Corpus fund	Division			1 no.	5.00
5	Immunization of live - Stock					0.00
6	(a) Photo voltaic power fencing to safeguard along Railway track for 3 km distance (for both side 3+3-6km) @Rs.5.00 lakhs/km -4 Kms length					0.00
7	(b) Maintenance of Photo-voltaic Power fencing @Rs.0.3125 lakh/km/yr (for 8 year.					0.00
8	Safeguard along Road (Signages)	Sukinda & Tomka Range			1 Nos.	0.50
9	Bio-diversity park in Mahagiri DPF					0.00
10	Bald hill Plantation @ Rs.20.366/-lakhs per ha (4th year maint)				47 ha.	4.30
11	Contingencies and Miscellaneous	Cuttack Forest Division			1 no.	0.50
Total:-						17.21

23. KALIAPANI CHROMITE MINES OF M/S. BALASORE ALLOYS LTD - Cuttack District/Cuttack Forest Division

SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. in lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Enrichment AR over 40 Ha.					0.00
2	SMC in forest through LBCD(2 Nos)					0.00
3	Awarness Campaign	Dalijora Range / Sukinda Range / Tomka Range			1 No.	1.00
4	Bio-diversity Monitoring					0.00
5	Ant-Depredation Squad	Cuttack Forest Division			1 No.	2.80
6	Management of Interface of Human-animal Conflict					0.00
7	Infrastructure Support	Cuttack Forest Division			LS	5.00
8	Monitoring Supervision & Evaluation Cost					0.00
9	Veterinary Health Camp & Immunization Cattle					0.00
Total:-						8.80

24. ESTABLISHMENT OF CEMENT GRINDING UNIT BY M/S. OCL LTD - Cuttack District/Cuttack Forest Division.						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. in lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Protection of Forests/deployment of squads (a) Engagement of one unit of Forest Protection squad (10 persons) and one Unit of Elephant Protection squad (10 persons) for 10 years (20 x Rs.150 x 30x x 12 x 10 yrs) and cost of Fuel and hiring charges of vehicles @ Rs.9.00 lakh/Yr x 2 x 10 years as per cost norms of CAMPA	Dalijora Range			1 No.	12.86
2	(b) Funding of 10 nos. of VSS for protection of forest and fire protection measures for 10 year @Rs.0.25 lakhs per VSS annually in phase wise (one VSS each year) for 10 years	Dalijora Range			1 No.	0.25
3	Creation of Water bodies/WHS (a) Construction of pond/WHS at Kalakala PRF					0.00
4	(b) Construction of pond/WHS at Kaliamba PRF					0.00
5	(c) Construction of Pond /WHS at Byree PF					0.00
6	(d) Renovation of existing pond					0.00
7	Managemetn of interface between Human and Wildlife Anti-depredation equipments like Crackers, Handheld battery operated	Dalijora Range			1 No.	1.50
8	SMC measures (i) Soil and Moisture conservation measures by erection of check dams and					0.00
9	(ii) Excavtion of staggered trenches and gully plugging Rs.2.00 lakh Lump Sum					0.00
10	A.N. Plantation (20 ha.) In suitable locations in Kalakala PRF & Byree PF @ Rs.53,250/- per ha. as per cost norm @ 1600 plants/ha from 0th to 4th year including nursery raised one year old seedlings over 20 ha. or in any suitable block of Dalijoda Range.					0.00
11	ANR over 100 ha. With gap planting of 200 plants/ha. @ Rs.22,200/-per ha in Kaliamba PRF with 4 year maintenance or in any suitable block of Dalijoda Range.					0.00
12	Fire Management (i) Clearance of fire line in fire prone sites over 10km. Length and 6mt. Wide in Dalijoda Range @ Rs.5000/- per km. per year 0.50 x 10 yrs.					0.00
13	(ii) Deployment of Fire Protection Squad = one unit from Feb-June =5 months . 10 memembers x 30 x 150/- x 5 months x 10 yrs.	Dalijora Range			1 No.	4.70
14	Awareness campaigns @ Rs.0.50 lakh per annum X 10 yrs.	Dalijora Range			1 No.	0.81
15	Infrastructure Development (i) POL and maintenance per month @ Rs.0.25 lakh per month for 10 years = Rs.0.25 lakh x 12 x 10	Dalijora Range			1 No.	3.00
16	(ii) Construction of base station wire less tower (100ft high) @ 2.5 lakhs, Two nos. of base sets @ Rs.0.50 lakh per unit and four sets of walky-talky @Rs.0.25 lakh per set.					0.00
17	(iii)Four GPS sets @ Rs.0.30lakhs per unit					0.00
18	(iv) Two nos. Digital Camera @ Rs.0.25 lakhs per unit and Binoculars-10 Nos. (5000 x 10 Nos.)					0.00
19	(v) One Laptop @ Rs.0.50 per unit					0.00
20	(vi) One night vision binocular @ Rs.1.50 lakh per unit.					0.00
21	(vii) Closed Circuit Camera trap/CC.TV					0.00
22	Corpus fund with DFO, Cuttack Division for immediate Payment of compensation to crop damage + compassionate payment in case of Casualty of human beings by elephants etc.	Dalijora Range				3.00
23	Meetings of Monitoring Committee (2 meetings annually of 15 members) 0.25 x 2 x 10	Dalijora Range			2 Nos.	0.20
Total:-						26.32

25. ANGUL-DUBURI SUKINDA ROAD NEW BG RAIL LINK PROJECT BY EAST COAST RAILWAY, BBSR - Cuttack District/Cuttack Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Urban Plantation					0.00
2	Meadow Development					0.00
3	(c) Renovation of 10 ponds					0.00
4	Wildlie Protection and Anti-dpredation					0.00
5	(b) Uniform and Surveillance	Dalijora Range / Sukinda Range			1 No.	1.43
6	(c) Camp equipments					0.00
7	Fire Protection					0.00
8	Infrastructure Development					0.00
9	Corpus fund	Cuttack Forest Division			LS	2.00
10	Wages of Driver and Fuel	Sukinda/Tomka Range			1 No.	3.00
11	Monitoring & Evaluation	Sukinda Range				1.00
Total:-						7.43

26. SUKINDA CHROMITE MINES OF TATA STEEL LTD - Cuttack District/Cuttack Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. in lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Bald Hill-10 Ha.					0.00
2	Avenue Plantation					0.00
3	Creation of WHS					0.00
4	Creation of Fireline-10 Km.	Cuttack Forest Division			10 km	2.00
5	Fire Fighting modern equipment	Cuttack Forest Division			3 No.	4.00
6	Provision of Fuel & mainteance	Division Office			1 No.	3.00
7	Corpus Fund	Cuttack Forest Division			1 No.	2.00
8	Anti-depredation Squad - 10 Nos X 11,410/-	Jajpur Road Range			1 No	14.30
9	Solar Fencing					0.00
10	(d) Infrastructure support provision of one vehicle (Model No.407)					0.00
11	(e) Fuel and maintenance of vehicles	Cuttack Forest Division			1 No.	3.60
12	(f) Rescue equipment's such as chains, ropes, cages, etc.					0.00
13	(g) Supply of modern equipment's' GPS 4 nos. @ Rs.30,000 each, Digital camera 4 nos. @ Rs. 50,000 each, Binocular 2 nos. @ Rs.50,000 each camera trap 6 nos. @ Rs.25,000 each, Night vision binocular 1 nos. and night vision goggles 2 nos.					0.00
14	Awarness around forest fringe villages	Sukinda Range				1.50
15	Monitoring & Evaluation	Sukinda Range				0.50
16	Bio-diversity study					0.00
Total:-						30.90

27. CONSTRUCTION OF RAILWAY LINE FROM JAKHAPURA TO STEEL PLANT SITE AT KALINGANAGAR BY TATA STEEL LTD - Cuttack District/Cuttack Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. in lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Urban Plantation (3rd year Maint.)	Tomka Range			20000 Nos.	10.00
2	Block Plantation-20 Ha. (3rd year Maint.)	Pankapal DFP			20 Ha.	1.33
3	Creation of water Harvesting structure/water Hole-2 Nos. of size 40m x 30m x3m @ Rs.4.00 lakh each.					0.00
4	Fireline creation over 5 Km					0.00
5	Fire fighting modern equipments					0.00
6	Anti-depredation Squad - 10 Nos X 11,410/-	Jajpur Road Range			1 No.	5.88
7	Cost of Fuel, Wear & Tear for 1 vehicle	Jajpur Road Range			1 No.	3.60
8	Compassionate Payment grant	Division Office			1 No.	1.09
9	Display of signage on the Railway Line					0.00
10	Monitoring Equipments					0.00
	9- Rescue Equipment/ relocation of wild animals					0.00
11	Rain Water Management					0.00
12	Research Activity	Jajpur Road Range			1 No.	0.50
Total:-						22.40

28. KALARANGI CHROMITE MINES OF M/S. OMC LTD- Cuttack District/ Cuttack Forest Division						
SL. No.	Components	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. in lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Engagemnet of 10 wildlife protection/Anti-depredation Squad (community Forester) from members of VSS /Gram Sabha					0.00
2	Creation of Awarness	Sukinda Range			1 No.	1.86
3	Improvement to habitat from Wildlife- ANR - 45 Ha. (4th year maint)	Sukinda Range			45 ha.	0.64
4	WHS with masonary spillover across perinal Nallhas					0.00
5	SMC- Check Dam					0.00
6	Straggered Trenches					0.00
7	Artificial saltlick					0.00
8	Development of Pasture along banks of Nallah					0.00
9	Fire Management	Sukinda Range			LS	3.66
9	Incentive VSS					0.00
10	Provision of 1 No. of multipurpose 3 storey watch tower with watcher shed					0.00
11	Immunisation of Cattle	Sukinda Range			1 No.	1.00
12	Secret fund for informer	Sukinda Range			LS	0.50
13	Distribution of Seedlings to 8 VSS	Sukinda Range			1 No.	2.28
14	Monitoring of Evaluation Training	Sukinda Range			1 No.	0.30
	Provision of compassionate grant payment					0.00
Total:-						10.24

29. MAHAGIRI CHROMITE MINES OF M/S. IMFA LTD - Cuttack District/Cuttack Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. in lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Land acquisition for kendrapara corridor (Partly government, Partly revenue land) over 25 ha.					0.00
2	Corridor development over 25 ha. By planting qualifier species as elephant food/cover plants @ Rs.38,630/- + stone wall fencing @ Rs.10,000/- per ha.					0.00
3	Van Sahayak (2) @ Rs 8,940/- P.m for 1 years	Sukinda Range			2 Nos.	2.24
4	Plantation over 50 ha. To boost food and cover for wild animals + stone wall fencing. (3rd year Maint.)	Sukinda Range			50 Ha.	10.00
5	Game tank- 80 x 80m x 3m near Pimpudia village in Mahagiri DPF (1) and maintenance					0.00
6	Fire prevention incentive 10 villages for 10 years @ Rs.5,000/- per village.	Sukinda Range				0.50
7	Fire watchers (3) @ Rs.3,000/- each for 5 months in a year total for 10 years.	Sukinda Range				1.40
8	Fire line maintenance over 4 km. of 10m width @ Rs.0.10 lakh/km & maintenance @ Rs.0.50 lakh/Km and brush wood piles 100Nos. @ Rs.500 each.	Sukinda Range				0.45
9	Stone check dams over 5 km nala bed and maintenance for 9-years @ Rs.20,000/- per year.					0.00
10	Seeding of pelletised grass seeds and gully plugging over 50 ha. For 3 years.				50 ha.	4.00
11	Farm forestry 9 lakhs seedlings @ Rs.3,000/- per 1000 seedlings.					0.00
12	Eco-development: Micro credit to 30 SHGs. @ Rs.15,000 each.					0.00
13	Solar powered fence over 5 Km including maintenance.					0.00
14	Anti-depredation drive: Incentive to 7 villages including equipments.					0.00
15	Metal bins and alternate cropping 200 Nos. @ Rs.1,000/- @ Rs.30,000/- per year.	Sukinda Range			1 No.	0.40
16	Corpus fund for immediate sanction of ex-gratia in the event of injury/death due to wildlife depredation	Sukinda Range			LS	1.00
17	Secret fund.					0.00
18	Noise, dust, light pollution control					0.00
19	Immunization of villages cattle @ Rs.30,000/- per year.	Sukinda Range			LS	0.40
20	Biodiversity monitoring & Development of communication network/GIS based maps Satellite maps on GIS domain should be procured every year to know the changing profile fo the project area in both dry season and wet season for 10 years preferably using the GIS lab of PCCF (WL) , Odisha.					0.00
21	Awareness Creation					0.00
22	Unforeseen & Miscellaneous.					0.00
Total:-						20.39

30. SUKINDA CHROMITE MINES OF M/S. IMFA LTD - Cuttack District/Cuttack Forest Division						
SL. No.	Components	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Bald Hill (2nd year maint.)	Dalijora/Sukinda Range			20 Ha.	4.87
2	ANR Plantation-25 Ha. (2nd year maint.)	Daitary DPF			25 Ha.	0.87
3	WHS / Pond in Mahagiri DPF					0.00
4	LBCD					0.00
5	Planting Ficus species - 1000 Nos					0.00
6	Elephant proof Trench over 2.5 Km.					0.00
7	Fire line maint over 10 Km				10 km	1.55
8	Development of Grass land / Medows at Dhaltangarh PRF					0.00
9	Anti-depredation Squad-1 squad (10 Nos) for 7 months in a year	Sukinda/ Tomka Range			1 No.	14.20
10	Purchase of GPS / Animal resque equipments					0.00
11	Research on animal behaviour / movement including equipements	Sukinda/ Tomka Range			1 No.	0.50
12	Monitoring & Eveluation	Sukinda/ Tomka Range			1 No.	0.50
Total:-						22.49

31. South Kaliapani Chromite Mines of M/s OMC Ltd- Cuttack District/Cuttack Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Engagement of 10 Wild life Protection /Anti-depredation Squad (Community Foresters) from the members of V.S.S/Gram Sabha for a period of 10 years including cost of training, uniforms, basic kits etc.	Sukinda Range			1 No.	6.00
2	Awareness campaign, management of inter-face between man and elephant including hiring charges of vehicle, cost of equipments and POL etc. for anti-depredation measures	Sukinda Range			1 No.	1.74
3	Improvement to habitat from wildlife Management point of view in the designated corridor identified in nearest vicinity as per GPS co-ordinate mentioned in the enclosed sheet @ Rs.22,200/- per ha.	Sukinda			1 No.	0.69
4	Creation of 1 No. of Water Harvesting Structure (WHS) across Aradapal Nala & cost of installation of a solar Power operated submersible pump with a pump house cum watcher's shed to feed the WHS during dry season.					0.00
5	(a) Soil and moisture conservation measures by erection of check dams.					0.00
6	(b) Excavation of staggard trenches and gully plugging					0.00
7	Cratation and development of 5 Nos. of artificial salt licks near the proposed WHS and near the perennial nalabanks inside Mahagiri DPF near village Kakudia, Panasia, Mahulkhala village and maintenace for 10 years	Sukinda Range			1 No.	0.36
8	Dvelopment of pastures along the banks of Nala, near the WHS and inside Mahagiri DPF near village Mahulkhala, Kusumundia, Giringamali, kakudia & Panasia village					0.63
9	Fire Management the cost for different fire protection measures are as follows: (a) Clearance of fire lines in the fire prone sites around such as daitari & Mahagiri DPF forest blocks & wages of fire watchers in the zone of Influence. (b) Incentives to the members of 8 VSS located at strategic locations in extinguishing incidental fire (c) Purchase of firefighting drill, fire mapping and evaluation etc.	Sukinda Range			LS	0.52
10	Incentive to 8 VSS located in the Z.I to protect the habitat in Daitari & Mahagiri DPF from theft, encroachment grazing, other biotic interferences, and preventing poaching and assisting community Fr/Wildlife protection squad & local forest staff in Anti-depredation and anti-poaching duties. (i) Cash award @ Rs.4,000 per annum. (ii) Supply of crackers etc. to the effected villagers to drive away wild elephant from crop raiding and depredation in the zone of influence on lump sum Rs.2,00,000.	Sukinda Range			LS	0.52
11	Provision of 1 No. of multipurpose 3 storey watch tower with watcher shed to be constructed at Panasia as per GPS location mentioned in the enclosed sheet. Detail plan and estimate will be prepared at the time of execution of the work. On lump sum.					0.00
12	Cost of immunization of village cattle in the zone of influence	Sukinda Range			1 No.	0.50
13	Provision for secret fund for the informers as per para 6.3.2.3 for collection fo information regarding illicit felling, poaching etc. and steady transmission to local forest staff for taking legal action.	Sukinda Range			1 No.	0.20
14	Cost of free distribution of 2 year old saplings with fertilizers & pesticides a	Sukinda Range			1 No.	0.50
15	Monitoring, evaluation, research and training including bio-diversity/bench mark study etc.	Sukinda Range			LS	0.20
16	Provision of compassionate grant payment as per para 6.6.3.4.	Sukinda Range			LS	1.00
Total:-						12.86

**32. KAMARDA CHROMITE MINES OF M/S B.C MOHANTY & SONS PVT LTD - Cuttack District/
Cuttack Forest Division**

SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Improvement of Forest Area like Silviculture operation, climber cutting etc.	Tomka Range			1 No.	1.25
2	Two nos of large Water Bodies					0.00
3	Control of water pollution					0.00
4	Engagement of motivators & creation of Awareness	Sukinda/Toma Range			1 No.	0.20
5	Elephant driving equipments	Aradapal Nala of Sukinda Range			1 No.	0.20
6	Creation of Awareness	Sukinda Range			1 No.	0.20
7	Fire Watcher 2 nos for 4 months				2 nos.	0.74
8	Fire fighting equipments					0.00
9	Incentive to Forest fringe villages	Sukinda Range			LS	0.10
10	Fireline tracing	Sukinda Range			LS	0.25
11	Intelligence collection	Sukinda Range			LS	0.10
12	Monitoring Evaluation	Sukinda Range			LS	0.10
Total:-						3.14

33. SUKRANGI CHROMITE MINES OF M/S OMC LTD - Cuttack District/Cuttack Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Anti-poaching squad, vehicle, pol, survilience					0.000
2	AR plantation-50 HA. (2nd year)	Sukinda Range			50 Ha.	3.75
3	Solar lighting, storage of grain, training to VSS members & incentives	Sukinda Range				0.000
4	Fireline creation	Sukinda Range				0.000
5	SMC	Sukinda Range				0.000
6	Altenate livelyhood for people	Sukinda Range				0.000
7	Cattle immunisation	Sukinda Range				0.30
8	Signage	Sukinda Range				0.25
9	Farm forestry-8000 nos two years old seedlings for distribution	Sukinda Range				0.75
10	Corpus fund	Division				1.00
11	Development of communication networks/GIS based maps Satellite maps on GIS					1.00
12	Popullation levels monitoring mechanism to be developed in consultation with State Pollution Control Board					0.50
13	Awareness creation					0.30
14	Othe unforeseen expenses					0.50
Total:-						8.35

34. REHABILITATION & UPGRADATION TO 4-LANNING OF CUTTACK-ANGUL SECTION OF NH-42 FROM KM.0.000 TO KM.112.000 IN THE STATE OF ODISHA UNDER NHDP-III BY NHAI-PIU - Cuttack District/Cuttack Forest Division

SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Dev. of Chhatisapata (a) De-silting & bank construction	Dalijora Range			1 No.	40.00
2	(b) Tree Planting in earthen bund and mount	Dalijora Range			1 N.	6.50
3	De-silting of Tank adjacent to project road	Dalijora Range			1 No.	6.51
4	Monkey / Bear Management Team	Dalijora Range			1 No.	3.03
5	Deployment of animal tracker	Dalijora Range			2 No.	3.20
6	Camera, Night vision Binocular etc.					0.00
7	Animal Resque Unit					0.00
8	Competition in School / Colleges(debate, Quiz, Essay, Painting etc.)	Dalijora Range			1 No.	0.90
9	Celebration of Important Environment Days	Dalijora Range			1 No.	0.15
10	Monitoring & Evaluation	Dalijora Range			1 No.	0.10
Total:-						60.39

**35. SHARIDASPUR-PARADEEP NEW BG RAIL LINK PROJECT OF EAST COAST RAILWAYS
WITHIN CUTTACK FOREST DIVISION AND RAJNAGAR (WL) DIVISION IN THE STATE
OF ODISHA - Cuttack District/Cuttack Forest Division**

SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	ANR - 20 Ha.	In Asia Charinangal PRF in Dalijora Range			20 Ha	1.63
2	5-Strand Barbed wire fencing around the plantation site					0.00
	Excavation of Water Body	Dalijora Range			1 No.	5.50
3	SMC through LBCD	Dalijora Range			20 Nos.	0.75
4	Wildlife Protection Squad-3 no. with hired vehicle, POL etc	Dalijora Range			1 No.	6.70
5	Monkey depredation squad	Dalijora Range			1 No.	1.00
6	Awareness campaign	Dalijora Range			1 No.	0.10
7	Anti-depredation equipement					0.00
8	Monitoring & Evaluation	Dalijora Range			1 No.	0.10
Total:-						15.78

36. REHABILITATION & UP-GRADATION TO 2/4 LANNING OF TALCHER-DUBURI -CHANDIKHOLE SECTION OF NH-200 BY NHAI-PIU, DHENKANAL - Cuttack District/ Cuttack Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Bald Hill Plantation-20 Ha near to 2018 Plantation in Mahavinayak RF (1st year)	Mahavinayak RF of Dalijora Range			20 Ha.	20.20
2	ANR-50 Ha (200 Plants) in Mahavinayak RF (1st year)	Mahavinayak RF of Dalijora Range			50 Ha.	10.41
3	Barbed wire fencing around ANR Area-50 Ha (around 6 Rkm)					0.00
4	Sowing of seeds of pelleted Bamboo seeds (cost of seeds) - 100 Kg.	Balarampur PF of Dalijora Range			100 Nos.	1.20
5	Sowing of pelleted seeds	Balarampur PF of Dalijora Range			100 Nos.	0.31
6	Fodder Plantation (Block Plantation @1600 plants / Ha.) (1st year)	Mahavinayak RF of Dalijora Range			30 Ha.	16.09
7	Salt Lick @Rs.1.0 Lakh per year for 10 Years=Rs.10.0 Lakh	1.Mahavinayak RF of Dalijora Range & 2.Mahagiri DPF of Tomka Range			1 No.	1.00
8	Soil Moisture Conservation (SMC) over 200 Ha.					0.00
9	Provision of Water at Nursery with all facility- Sukinda PN					0.00
10	LBCD-20 Nos. @Rs.6500/- per LBCD	Teligarh of Dalijora Range			20 Nos.	0.13
11	Deployment of Anti-depredation Squad - 1 Squad (10 Persons)	Sukinda / Dalijora Range			1 No.	20.58
12	Deployment of Monkey Management Team	Cuttack Forest Division			1 No.	20.58
13	Fire Fighting Squad	Dalijora / Sukinda / Tomka Range			2 Nos.	9.10
14	Unguarded Well	Cuttack Forest Division			50 Nos.	7.50
15	Immunization of Cattle in 10 Villages	Cuttack Forest Division			5 Nos.	1.25
16	Providing Search / Spot Light					0.00
17	Provision for other modern field equipment, Camera / Binocular including cage for trapping Sloth Bear					0.00
Total:-						108.35

37. CONSTRUCTION RAIL LINE & SIDING AT VILLAGE MANTIARA AND RABANA NEAR KALINGANAGAR, DIST-JAJPUR BY IDCO FOR EMAMI CEMENT LTD.						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Plantation of Fruit & Fodder species (PO + 1st Year)	1.Pankapal DPF of Tomka Range 2.Sunajhar DPF of Sukinda Range			16 Ha.	2.62
2	Fencing around each site @Rs.2.0 Lakh each					0.00
3	Creation of Water Body				1 No.	5.60
4	Soil Moisture Conservation (SMC) over 40 Ha.					0.00
5	Boundary cum Fireline maintenance @6.1 Km per year for ten years	Pankapal DPF of Tomka Range			6.1 Kms.	1.65
6	Provision for Blowers					0.00
7	Public awareness on Forest Fire & Distribution of IEC materials @ 1 No. per year for 10 years	Tomka / Sukinda Range			1 No.	0.15
8	Provision of Trapping cage for Sloth Bear					0.00
Total:-						10.02

37. CONSTRUCTION NERGUNDI-BHADRAKH 3RD LINE RAILWAY PROJECT, PHASE-I(0-14KM) i.e. FROM BAYREE(384.00KM) - NERGUNDI JR (398.10 KM) BY E.CO.RAILWAY, JAJPUR KEONJHAR ROAD, JAJPUR KALINGANAGAR, DIST-JAJPUR BY IDCO FOR EMAMI CEMENT LTD.						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Creation & enrichment of Bamboo Forest					0.00
2	Drooping of Bamboo Seeds ball to augment fodder for elephant @Rs.15/- per seed ball	Kaliamba PRF			10000 Nos	1.50
3	Interim assessment of Bamboo forest creation					0.00
4	Renovation of existing water body and impounding water by Check Dam	Teligarh of Dalijora Range (150M X50M)			1	20.00
5	Deployment of Anti-depredation Squad	Dalijora Range			1	20.99
6	Construction of Staff Barrack					20.00
7	Additional Assessories at staff Barrack (Computer & a monitoring Screen medium to big size)					0.00
8	Establishment of Control Room at Division Office Hqr to monitor the elephant movement on 24X7 basis	Division Office			1	6.89
9	Equipment for monitoring such as VHF / Early Warning System / software / App etc.	Division Office			1	1.00
10	Public support in Wildlife management					0.00
11	Engage of Gaja Bandhu through VSS / EDC duirng crop season for six months @10000/- per month of 10 person=60,000/- per month	Dalijora Range			10	6.00
12	Solar Street Light for total 20 villages @2 villages per year for 10 years	Dalijora Range			2 villages	3.80
13	Incentive to VSS / Villagers	Dalijora Range			LS	2.00
14	Improvement of Communication Chennel	Dalijora Range			LS	1.00
15	Placing Signage	Dalijora Range			LS	1.50
Total:-						84.68

38. Rehabilitation and Up-gradation to 4 laning of Angul-Sambalpur section - Angul District/Athmallik Forest Division

SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Plantation of Fruit & Fodder Species on Both sides of Animal Under passes (ANR Mode @600 plants per Ha)	Bamur Range-Northern RF compt No.1 & 2	N 21 03 37.7	E 84 28 10.9	20 ha. (4th year Maint)	0.87
2	Creation of Water holes					0.00
3	Creation of Water harvesting Structure					0.00
4	Soil & Moisture Conservation	Handapa Range Bamur Range	N 20 58 48.6 N 21 03 37.7	E 84 44 50.9 E 84 24 10.9		5.00
5	Guarding the unguarded wells	Handapa Range, Bamur Range	N 20 58 48.6 N 21 03 37.7	E 84 44 50.9 E 84 24 10.9	80 nos.	7.00
6	Creation & Maintenance of Fire Lines	Handapa Range Bamur Range	N 20 58 48.6 N 21 03 37.7	E 84 44 50.9 E 84 24 10.9		1.25
7	Construction of Staff barracks					0.00
8	(a) Modern Fire fighting equipments (Blower)					0.00
9	(b) Fuel & Maintenance	Handapa Range Bamur Range	N 20 58 48.6 N 21 03 37.7	E 84 44 50.9 E 84 24 10.9	LS	2.58
10	Deployment of Anti Depredation Squad	Handapa Range Bamur Range	N 20 58 48.6 N 21 00 43.23	E 84 44 50.9 E 84 28 56.9	1 No.	19.03
11	Fixation of Birds Nest					0.00
12	Public Awareness & involvement of VSS	Handapa Range, Bamur Range	N 20 58 48.6 N 21 03 37.7	E 84 44 50.9 E 84 24 10.9	10 nos.	0.50
13	Establishment & Maintenance of GIS Cell					0.00
14	Providing Camera Trap					0.00
15	Animal Rescue kit					0.00
Total:						36.23

39. Odisha power transmission corporation limited (OPTCL) - Angul District/ Athmallik Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Wildlife Habitat Improvement: 1-Avenu Plantation: Plantation with 2 year old seedling of 250 no/RKM for 4 RKM (a) Cost of nursery					0.00
2	(b) Plantation cost.	Handapa Range	N 21 00 22.5	E 84 43 55.0		2.40
3	(c) Cost of Gabion	Handapa Range	N 21 00 22.5	E 84 43 55.0		16.00
4	(d) Maintenance cost of Gabion					0.00
5	2- Water body- size 40m x 30m x 3m at Dantarikhol RF.					0.00
6	Fire protection: 3- Creation of fire line over 5.0 km.	Handapa Range-	N 21 00 22.5	E 84 43 55.0	10 kms.	0.36
7	4- (a) Deployment of fire fighting squad of 5 nos	Handapa Range-	N 21 00 22.5	E 84 43 55.0	5 Nos.	2.52
8	(b) Cost of 4 Fire blowers					0.00
9	(c) Maintenance cost of 4 blowers	Handapa Range-	N 21 00 22.5	E 84 43 55.0	4 nos.	0.260
10	(d) Fire aid kit	Handapa Range-	N 21 00 22.5	E 84 43 55.0	5nos.	0.45
11	(e) Uniform	Handapa Range-	N 21 00 22.5	E 84 43 55.0	5 nos.	0.048
12	(f) Mobile recharge	Handapa Range-	N 21 00 22.5	E 84 43 55.0	1 set	0.018
13	Wildlife Protection & Anti-depredation:- 5- (a) (Wages of 2 elephant trackers).	Handapa Range-	N 21 00 22.5	E 84 43 55.0	2 Nos.	3.34
14	(b) Uniform of trackers with shoes.	Handapa Range-	N 21 00 22.5	E 84 43 55.0	2Nos.	0.036
15	(c) Anti-depredation equipments including fire crackers.	Handapa Range-	N 21 00 22.5	E 84 43 55.0	2 Nos.	0.30
16	6- Corpus fund.	Handapa Range-	N 21 00 22.5	E 84 43 55.0	LS	1.00
17	7- 3 Immunisation camps in villages including organisation of camp, honorarium to veterinary staff, logistic, immunization and publicity.	Handapa Range-	N 21 00 22.5	E 84 43 55.0	LS	0.40
18	8- Incentive to VSS members, rewards to informers and community mbilization.	Handapa Range-	N 21 00 22.5	E 84 43 55.0	LS	0.40
19	9- Signage.					0.00
20	10- Covering of 40 open wells	Handapa Range-	N 21 00 22.5	E 84 43 55.0	40 Nos	4.50
21	11- Maintainance of VHF networks	Handapa Range-	N 21 00 22.5	E 84 43 55.0	LS	0.50
Total:						32.53

39. Construction of New B.G Rail Link from Khurdha Road Junction to Bolangir Station Phase-II from Km 180.00 to Km. 238.00 in District of Boudh by E.Co. Railway/ Athmallik Forest Division Athmallik Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	A- Alternate livelihood development: Alternate non-farm based livelihood development interventions. Bhoipada - Rs.50000/- Ghodagadi- Rs.50000/- Belataila- Rs.1.00 lakh Helei- Rs.50000/- Mundapada- Rs.50000/- Tasarbeda- Rs.50000/- Patrapada- Rs.50000/-				7 Nos.	4.00
2	B-Surveillance & Protection: Deployment of squad (Man power) (5 persons x 60 monthsx 13000/- (5 years)				1 no.	7.80
3	<u>Tethered Drone Camera System with rental charges and fuel of vehicle to monitor the real time elephant movement:</u> Camera System- 1 No. @ Rs.48.00 lakh					0.00
4	Vehicle rent-1 No. @ Rs.3.72				1 no.	3.72
5	Fuel- 1no. @ Rs.1.44 lakh				1 no.	1.44
6	Elephant Drive equipments-				LS	0.50
7	Corpus Fund-				LS	0.50
Total:						17.96

40. Four laning project of NH-6 Baharagara to Singara - Mayurbhanja District/ Rairangpur Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	1-Protection of Habitat & Wildlife :- i) Awareness campaign in peripheral villages/VSS/EDC of the project impact zone @ 1.0. lakh per month.				1 no.	1.00
2	ii) Cost of Hoardings, sign board etc to be placed at road crossings of elephants, public places.				LS	2.00
3	iii) Deployment of 01 no of wildlife protection/anti-depredation-cum-Fire fighting squad as each per annum over the plan period.				1 no.	14.11
4	iv) Construction of Watch Tower cum resting supply system for patrolling staff inside Bidubhandar RF to watch the movement of elephants 1 no @ 20.00 lakh each on LS.				1 no.	20.00
5	2- Habitat Improvement:- i) Enrichment plantation over 300 ha. in Tunguru RF and Bidubhandar RF in ANR mode (200 plants per ha.) @ Rs.31,467/- per ha including 10 years maintenance.				300 Ha.	56.96
6	3- Soil & moisture conservation measures:- i) Gully plugging in Bidubhandar RF & Tunguru RF spreading over a total area of 300 ha. (150 ha + 150 ha) in the erosion prone areas where necessary @ Rs.5978/- per ha.				300 ha.	8.97
7	ii) Small check damming of 1 meter and 2 meter span in side Tunguru RF and Bidubhandar RF across the small seasonal nala and drainage channels noticed in the RFs 150 nos. (1 mtr= 100 nos Rs.3591/- per each +2 mtr=50 nos @ Rs.7113/- per each)				150 nos.	3.57
8	4-Water Regime: i) Cretion of water body of size 40mt. X 30mt. X 4mi. With ramp on one side of the embankment including providing polythene (1400 gsm) lining to retain the rain water during dry season totaling to 5 nos s follows. Bidubhandar RF-2 nos. Tunguru RF- 2 nos. Kharambeda RF - 1 no. Total 5 nos @ Rs.9.48 lakhs each.					0.00
9	ii) Construction of 02 nos water harvesting structure of size 10 mtr. Width at the bottom, 2 mtr width at the top and 3mtr height and 30 mtr to 50 mtr in length depending on the width of the nallah, average length being 40 mtrs by erecting earthen dam with a loose boulder surplus escape across semi-perennial nala. Tunguru RF- 1 no. Bidubhandar RF- 1 no. Total 2 nos. @ Rs.2,35,830/- per each				2 nos.	2.360
10	5- Fire protection:- i) Deployment of 05 nos of fire watcher for 5 fire months 05 nos x 6405/- x 5 months x 10 years				5 nos.	1.60
11	ii) Remuneration to villagers/ Fire fighting work force extinguishing forest fire with the help of fire blower 500 work force @ Rs.213.50 each per annum for 10 years				500 nos.	1.06
12	iii) Deployment of 01 no of fire fighting squad with hird vehicle for five fire months of the year over plan period @ Rs.5,30,250/- each per annum as per approved cost norm of PCCF WL & CWLW, Odisha				1 no.	5.30
13	iv) Purchase of 10 nos of fire blowers for extinguishing fire and making cross fire line @ 60,000/- each & other fire fighting equipments on LS				4 nos.	2.00
14	v) Training & Fire mapping etc. @ 0.5 lakh per annum				1 no.	0.500
15	6- Revolving funds for Compassionate exgratia payment to victims for crop damage/human kill etc. to be placed with the DFO.				LS	1.00
16	7- Monitoring & Evaluation:- Monitoring and evaluation, GIS based map preparation of the study area, purchase of laptops etc. Binoculars, night vision, camera, remuneration one DEO etc. @ Rs.1,00,000/- per annum.				LS	0.50
Total:						120.93

41. Four laning project of NH-6 Baharagara to Singara- Mayurbhanja District/ Karanjia Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	1-Protection of Habitat & Wildlife :- i) Awareness campaign in peripheral villages/VSS/EDC of the project impact zone @ 3.00 lakh per month.				LS	3.00
2	ii) Cost of Hoardings, sign board etc to be placed at road crossings of elephants, public places.				LS	6.00
3	iii) Deployment of a wildlife protection/anti-depredation squad comprising of 10 memebers narrated in Para 2 (ii) with provision for a hired vehicle, communication equipment etc as per the norm in Para graph 1 (ii) for Rairangpur Division @ Rs.14.11 lakhs per each per annum over the plan period.				1 no.	14.11
4	iv) Construction of Watch Tower cum resting place including solar light and drinking water supply system for patrolling staff inside Mata RF blocks to watch the movement of elephants as well as fire incidences.				1 no.	20.00
5	2- Habitat Improvement:- i) ANR practices with Enrichment plantation in forest blocks like Bhramarposi RF 50 ha. Mata RF 100 ha. Singara RF 50 ha totalking to 200 ha @ 31,467/- per ha.				200 ha.	37.97
6	ii) Gap planting of Banyon, Bamboo, Aswastha, Kumbhi & other elephant fodde species in permanent gaps along with ANR practices in Pokharia RF utilizing 6 months old 200 seedlings per ha over an area of 50 ha @31,467/- per ha.				50 ha.	9.49
7	3- Soil & moisture conservation measures:- i) Gully plugging in Singara RF, Kasia RF & Hati munda RF spreading over a total area of 356.20 Ha. in the erosion prone areas where necessary on @ Rs.5,978/-				356.2 ha.	5.90
8	ii) Small check daming of 1 meter span in side singra RF and Kasia RF across the small seasonal nala and drainage channels noticed in the RFS totaling to 200 nos. @ Rs.3,591/- per each.				200 nos.	0.72
9	4-Water Regime: i) Renovation and expansion of the existing water hole on L/S Rs10,00,000/-				LS	10.000
10	ii) Creation of new water body of size 40mt. X 30mt. X 4mt. With ramp on one side of th embankment. Plkharia RF-1 & Dari Rf-1, totalling 2 nos. @ Rs.6,62,000/- for each.				1 no.	6.62
11	5- Fire protection Measure:- i) Deployment of 05 nos of fire watcher for 5 fire months of the year 05 nos x 6405/- per month x 5 months x 10 years				5 nos.	1.600
12	ii) Remuneration to Fire fighting laboures 400 nos. per annum, assisting fire watchers in extinguishing forest fire with the help of fire blower @ Rs.85,400/- per Annum x 10 years				400 nos.	0.850
13	iii) Purchase of 10 nos of fire blowers for extinguishing fire and making cross fire line @ 60,000/- each & other fire fighting equipments on LS				4 nos.	2.00
14	iv) Training & Fire mapping etc. @ 0.4 lakh per annum				LS	0.400
15	6- Compassionate exgratia fund for crop damage/human kill/ human injury etc.				LS	1.00
16	7- Monitoring & Evaluation:- GIS based map preparation of the study area, purchase of laptops etc. Binoculars, night vision, camera, remuneration etc. @ Rs.1,00,000/- per annum.				LS	0.50
Total:						120.16

42. Four laning project of NH-6 of Singara to Binjabahal Section. - Mayurbhanja District/Karanjia Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	1-Habitat Improvement :- 1-Block Plantation in Nuagaon RF as per location mentioned at Para (5.A.I (i) @ 800 nos plants per Ha. in Urban norm as at Annexure-B-I.				10 ha.	32.38
2	2-Block Plantation in Ghosada RF as per location mentioned at Para (5.A.I (ii) @ 1600 nos plants per ha. As per the cost norm at Annexure-B-II.				10 ha.	50.25
3	3- ANR Gap Plantation in Nuagoan RF, Andharjhari RF & kerkeria RF at the location mentioned at Para (5.A.I(iii) @ 200 plants per ha. As per the cost norm at Annexure-B-III.				100 ha.	25.25
4	4- Soil conservation measures Gully Plugging & construction of Small check dams of 1 mtr & 2 mtr sizes within the Nuagaon RF, Ghagi RF, Jambani RF & Kasia RF.				LS	10.00
5	5- Water regime:- a) Water body (40m x 30m x 3m) at the places mentioned at Para 5.A.I (v)				2 Nos.	11.20
6	b) Renovation of existing water bodies @ Rs.0.91 lakhs each on lumsum				2 Nos.	1.82
7	6-Protection:- a) One wildlife protection squad (10 members as per cost norm at Annexure-B-V.				1 No.	17.94
8	b) Anti-depredation equipments such as long range rechargeable torch lights 10 nos. per year @ Rs.2000 each.				3 Nos.	0.50
9	c) Fencing of unguarded open well 20 nos. @ Rs.15000 each.				20 Nos.	1.500
10	7- Fire protection:- a) Fire protection squad 10 members as per cost norm at Annexure-B-VI.				1 no.	5.90
11	b) Fire fighting equipments with 5 nos. blowers @ 60,000/- each				5 Nos.	4.000
12	c) POL & maintenance of blowers 5 nos.				5 Nos.	0.550
13	8- Development of a green belt by planting elephant fodder & fruit bearing species over 500 mtr.x 100 mtr. On both sides of the elephant underpasses to enable the elephants a smooth passage @ 800 plants per ha. in Urban Plantation norm.				800 nos. plants	12.05
14	9- Compassionate fund for exgratia.				LS	0.500
15	10- Awareness campaign 3 nos in strategic villags per year for 10 years.				LS	0.60
16	11- Artificial Bird nesting by fixing Nest Boxes of size 15 x 15 x 25 cm fixed at a height varying from 5 mtr to 10 mtr all along the project road over 110 nos @ Rs. 1500/- each.				110 Nos.	1.65
17	12- Creation of Bird bath size 3 mtr x 3 mtr x 0.5 mtr and lined with 3-4mm thick HDPE sheet filling with water and disinfectant KMnO4 (Potasium permanagement) 10 nos @ Rs.1.00 lakh each				10 nos.	10.00
18	13- Maintenance of the above bird nests and bird bath @25% of the cost.				LS	2.91
19	14- Birds scaping by engagement of Bird watcher 1 nos. @ Rs.11,515.60/- per month over the plan period 1 x 11,515.60 months x 12 months x 10 year plan period.				1 Nos.	13.82
20	15- Monitoring and Evaluation				LS	0.50
21	16- Unforseen expensess @ Rs.50,000/- per year				LS	0.50
Total:						203.82

43. Four laning project of NH-6 Baharagara to Singara - Mayurbhanja District/Baripada Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	1- Protection of Wildlife Habitat:- Awareness Campaign in peripheral villages/VSS/EDC of the project impact zone @ Rs.1/- lakhs per annum				LS	1.00
2	2- Habitat Improvement:- i) Aided Natural Regeneration practices with gap filling by enrichment plantation (200 plant/ha.) over 110 ha. i.e. Chandua RF (60 ha.) & Andhari RF (50 ha) @ 31, 467/- per ha including 10 years Maintenance.				110 ha.	20.88
3	ii) Cost of 30 ha Block plantation with indigenous fruit bearing & fodder species in Dighi RF of Bangriposhi Range. 30 ha. @ 93971/- per ha. (including maintenance in subsequent year)				30 ha.	13.72
4	3. Water Regime:- Creation of 4 nos. of water body of size 40 mts. in length, 30 mts. in width and 4 mts. in depth. with provision for polythene lining on the floor and wall of the water body with 400 gsm PVC mat to retain rain water during dry season. Chandua RF - 1 no. Kuliana RF - 1 no. Andhari RF - 1 no. Dighi RF - 1 no. 4 nos 9.48 lacs per each.				1 No.	9.48
5	4- Fire protection Measures:- i) Remuneration to Villagers/ fire extinguishing work men 400 nos to existinguish and prevent forest fire @ Rs.85, 400/- per annum for 10 years.				LS	0.85
6	ii) Wages of 5 fire watchers for 5 fire months of the year over the plan period. Chandua RF - 2 nos. Andhari RF - 1 no. Kuliana RF - 1 no. Dighi RF - no. 5 nos. @ 6405/- x 5 month x 10 years				5 Nos.	1.60
7	iii) Fire fighting Equipments and purchased of 20 nos of fire blowers.				4 Nos.	2.00
8	iv) Fire training and fire mapping etc. over the plan period				LS	0.40
9	5- Monitoring & Evaluation:- Monitoring & Evaluation @ Rs.1/- lakh per annum over the plan period.				LS	0.500
Total:						50.43

44. Four/ Six lanning, widening & Strengthening of existing two lane of N.H. 215 within (Panikoili to Remuli-136km-11.892) - Keonjhar District/Keonjhar (WL) Division						
SL. No.	Sub-component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	ANR withgap plantation over 10ha (4th year maint.)	Anandapur	21.120278	85.825556	10 Ha.	0.10
2	Anti-poaching-cum-anti-depredation & F.P squad	Anandapur			1 nos	7.58
3	Logistics for the squad	Anandapur			LS	0.80
4	Creation of Awareness	Anandapur			LS	0.50
5	Corpus fund	Anandapur			LS	3.00
6	Solar electric Fencing	Anandapur			LS	0.00
Total:-						11.98

45. DAITARI EXTENSION AREA OF M/S. OMC LTD - Keonjhar District/ Keonjhar (WL) Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	(a) Research scholar- 2 nos	Daitari			2 no.	3.55
	(b) Research Asst. 1 nos	Daitari			1 no.	2.34
	(c)Travel & contingencies	Daitari				0.48
2	(a) 4th year maint. Enrichment Planting 300 ha	Brahmanipal	21.12423	85.902032	300 Ha.	2.93
	(b) 4th yr. maint. Agave Plantation 5.0 km	Brahmanipal	21.119996	85.902795	5Km	2.31
3	Bio-diversity study & monitoring 2 persons					0.00
	Research Asst. one persons					0.00
	Travel & contingencies					0.00
4	(a) Fire line 100km					0.00
	(b) Maintenance of fire line	Rebana RF	21° 07' 53.1"	85° 47' 24.9"	100 Km	3.11
5	Fire watcher-50 nos (Fifty)	Rebana RF	21° 07' 53.1"	85° 47' 24.9"		23.33
6	Fire fighting incentive 10 villages	Daitari				2.50
7	Elephant habitat & movement path maps preparation	Brahmanipal				2.00
8	Van Sahayak 25 nos	Daitari				37.88
9	Awareness promotion	Daitari				2.50
10	(a) Anti-depredation squad -5 trackers	Daitari			5 nos	7.58
	(b) Equipments & Cracker	Daitari				1.50
	(a) Photo voltaic power fencing - 6km (estimate in the year 2012 Rs. 883893/- for 3 Km excluding vegetation clearance, transportation and fixing of posts)	Daitari				0.00
11	(b) Maintenance	Daitari				0.00
	Corpus fund	Daitari				10.00
12	Immunization of live stock	Daitari				0.00
13	Meadow development on 10 ha area @ Rs.52150/- ha. with 3 years maint.	Daitari (Rebana RF)			10 Ha.	1.43
14	a. Provision of light refelctors along Railway line to sage guard crossing of mega fauna.	Brahmanipal	21° 07' 25.16"	85° 54' 58.80"		0.25
15	b.Signages along NH & SH	Brahmanipal	21° 13' 39.8"	85° 57' 8.2"		1.00
16	Construction of water body 2 nos.					0.00
17	Maintenance					0.00
	Development of Salt licks - 10					0.00
18	Construction of Loose Boulder Check Dams.	Daitari				6.18
Total:-						110.87

45. Construction of New B.G Rail Link from Khurdha Road Junction to Bolangir Station Phase-II from Km 180.00 to Km. 238.00 in District of Boudh by E.Co. Railway/ Boudh Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	A-Habitat Improvement: Creation & Enrichment of Bamboo Forests					0.00
2	Improvement of Habitat by Plantation- Block Plantation (Without fencing)					0.00
3	Solar Fencing					0.00
4	Watering 1st & 2nd year					0.00
5	Development of Meadows-					0.00
6	Improvement of Natural Salt Lick-					0.00
7	Development of Water Body Water Hrvesting Structure (WHS)-2 Nos. @ 10.00 lakh each				2 Nos.	20.00
8	Water body (80mx60mx3m)-1 Nos. @ Rs.30.00 lakh each				1 NO	30.00
9	Soil & Moisture Conservation- LBCD-25 Nos. @ Rs. 20000/- each				25 Nos.	5.00
10	B-Surveillance & Protection: Construction of Water Tower-3 Nos. @ Rs.25.00 lakh each				3 Nos.	75.00
11	Deployment of Forest Squad at watch tower-1 No				1 No.	22.56
12	Deployment of Fire Fighting Squad-1 Nos.				1 No.	10.57
13	Proving Drone Camera with related services-3 Nos. @ Rs.5.00 lakh each				3 Nos.	15.00
14	C- Logistic Support: Providing Modern Fire- fighting Equipment- Blower-10 Nos. @0.60 lakh each				10 Nos.	6.00
15	Maintenance- @1.00 lakh				LS	1.00
16	Trap Camera/Night vision Binocular-LS				LS	1.00
17	Birds Conervation: Sparrow Conservation					0.00
18	Peoples Participation: Income Generation Activities- LS				LS	0.50
19	Corpus Fund- LS				LS	1.50
20	Public Awareness- 1 No. @ Rs.0.50 lakh each				1 No.	0.50
Total:-						188.63

45. Construction of New B.G Rail Link from Khurdha Road Junction to Bolangir Station Phase-II from Km 180.00 to Km. 238.00 in District of Boudh by E.Co. Railway/ Phulbani Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	A-Habitat Improvement: Improvement of Bamboo Forest-					0.00
2	Water Hrvesting Structure (WHS)					0.00
3	B-Surveillance & Protection: Deployment of Fire Fighting Squad-1 No.				1 Nos.	5.28
4	C- Logistic Support: Providing Modern Fire- fighting Equipment- Blower-5 Nos. @0.60 lakh each				5 Nos.	3.00
5	Maintenance- @0.50 lakh				LS	0.50
6	D-Peoples Participation: Providing Solar Light-					0.00
7	Elephant Driving equipments- LS				LS	0.50
8	Corpus Fund				LS	0.50
9	Public Awareness- 1 No. @ Rs.0.50 lakh each				1 No.	0.50
Total:-						10.28

46. Lower Indra Irrigation Project - Nuapada District/Khariar Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Enrichment plantation of fruit bearing species and NTFP species in the forest areas around the reservoir	Tikhali-20000 Rajana-2000 Mathiapadar-3500 Sanbahali-5112			40 ha (4th year Maint.)	3.67
2	2. Creation and maintenance of grass land.					0.00
3	3. Creation and Management of Percolation Tank, game tank and Water Holes.					0.00
4	2 Nos. of 40 BHP Out Board Boat Engines (Yamaha) with Auto-start devices					0.00
5	Development and argumentation of VHF system Network:				1 Nos.	1.78
6	Immunization of cattle				LS	0.29
Total:						5.74

46.Construction of Khurda Road-Bolangir New B.G.Rail Link Project from Km. 238 to 289 Km by East Coast Railways in Subarnapur District/ Subarnapur Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Checking of Biotic Interference by Fencing-					0.00
2	Conservation of Runoff water (80m x60m)-					0.00
3	Enhancing of aesthetic Value					0.00
4	Landscape development (Tracking path)					0.00
5	Creation of water body by developing the Gullyed Land-					0.00
6	Soil & Moisture Conservation:- Earthen bond around the Gully Head-					0.00
7	Engineering Structure (Check Dam) Masonry-10 Nos. @ Rs.53803/-				10 Nos.	5.38
8	Vegetative Check Dam-10 Nos @ Rs.10000/-				10 Nos.	2.50
9	Contour Trench (2mx0.5mx0.50m)-				LS	3.08
10	Surveillance & Protection:- Deployment of Protection Squad-1 Nos.				1 No	20.995
11	Construction of Staff Barrack-1 No. @ Rs.20.00 lakh each.				1 No.	20.00
12	Construction of Watch Tower-1 No. @ 20.00 lakh				1 No.	20.00
13	Establishment of a Control Room at Division hqs to monitor movement of elephants on 24x7 hourly basis= 1 No.				1 No	6.89
14	Public Awareness & Incentive to VSS: Awareness camps- 1Nos. @ Rs.0.40 lakh				1 No.	0.40
15	Solar street light-1 Villages @ 1.90 lakh				1 No.	1.90
16	Incentive to VSS/Villagers @ 0.50 lakh per year				LS	0.50
Total:						81.645

46. Construction of Khurda Road-Bolangir New B.G.Rail Link Project from Km. 238 to 289 Km by East Coast Railways in Bolangir District/ Bolangir Forest Division

SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	A-Habitat Improvement:- Impounding of Water by Masonry Check dam on nalla to Gandhrel Reservoir-1 No @ Rs.8.00 lakh					0.00
2	Water body with semi impervious floor-2 Nos. @ Rs.8.00 lakh					0.00
3	Impounding of water by masonry Check dam on nalla to Laxmi Jore-1 No. @ Rs.8.00 lakh					0.00
4	B-Surveillance & Protection: Deployment Protection Squad-1 Unit @ Rs.20.995 lakh				1 No.	20.995
5	Construction of Staff Barrack-1 No. @ Rs.20.00 lakh					0.00
6	Establishment of a Control Room at Division hqs to monitor movement of elephants on 24x7 hourly basis= 1 No for 10 years				1 No.	6.89
7	C-Public Awareness & Incentive to VSS: Awareness camps- 1 No. @ Rs.0.40 lakh				1 No.	0.40
8	Solar street light-1 Villages @ 1.90 lakh				1 Nos.	0.00
9	Incentive to VSS/Villagers-10 year @ 0.50 lakh per year				LS	0.50
Total:						28.785

47. Action Plan for Marine Life Conservation including Olive Ridley Conservation - Puri District/Puri (WL) Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Demarcation of the boundary of Gahirmatha (Marine) Wildlife Sanctuary					0.00
2	(a) Establishment of Permanent Protection camp cum monitoring centre at Devi mouth (New					0.00
3	(b) provision of protection squads	Gahirmatha & Kujang Range			LS	5.97
4	Provision of Sea worthy support boat.	All Ranges			L.S	6.50
5	Constitution of Marine protection squad.					0.00
6	Interpretation Centre at Paradeep.					0.00
7	Capacity Building & Training of Front line staff					0.00
8	Training and awareness programme for the local community					0.00
9	Promotion of Turtle Excluder Device (TED)					0.00
10	Biological Survey of Marine Fauna in the Gahirmatha (Marine) Wildlife Sanctuary					0.00
11	Provision of Four wheel vehicle for protection & supervision by Paradeep Port Trust					0.00
12	Monitoring the Impact of Pollutants and Toxic Effluents by the industries established in Paradeep on Mangrove vegetation in Mahanadi Deltaic					0.00
13	Monitoring of Sedimentation & Saline Gradient:					0.00
14	Monitoring Beach Profile					0.00
15	Provision of vehicle for supervision and interdepartmental co-ordination by Indian Oil Corporation.					0.00
Total:-						12.47

48. Action Plan for Marine Life Conservation including Olive Ridley Conservation - Kendrapada District/Mangrove Forest Division (WL), Rajnagar						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Interpretation Centre at Paradeep	Paradeep			1 No	50.00
2	Provision of Sea Worthy support boat on hiring basis for 10 years	Gahirmatha Range			1 No	9.00
3	Constitution of Marine Protection Squad	Gahirmatha & Kujang Range			2 Nos	30.00
4	Training & Awareness Programme for the Local Community	All Ranges			L.S	7.80
5	Promotion of Turtle Exclusive Device(TED)	Gahirmatha Range			L.S	15.00
6	Biological Survey of Marine Fauna in the Gahirmatha Marine WL Sanctiaru	Gahirmatha Range			1 No	3.00
Total:-						114.80

49. Construction of Master Plan Road from Utkal Care Hospital to Rail Vihar- Khordha District/Chandaka (WL) Division.						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Plantation of fodder, fruit bearing & bamboo species.	Division			20000 Nos.	6.12
2	Solar fencing	Division			3.5 Rkm.	17.12
3	Avenue Plantation including cost of Gabion	Division			8 Rkm	7.87
4	Deployment of Anti-depredation Squad	Division			1 no.	13.53
5	Construction of Watch Tower	Division			1 no.	20.00
6	Awareness camps & Celebration of Important days on Nature	Division			1 Nos.	0.20
7	Plancing of Signage	Division			2 nos.	2.00
Total:-						66.84

50. Construction of Light house at Jyostnamayee of Bhadrak district (Mangrove Habitat Conservation Plan. - Bhadrak District/Bhadrak (WL) Division.						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Demarcation of Garmal PRF & Pillar posting- 46 Nos.					0.00
2	Fencing of Artificial Boundary- 3Km (LS)					0.00
3	Creation of a Mangrove Park-500 Plants	Garmal	20.79194°	86.96056°	500 Plants	4.00
4	Protection Measures				LS	1.50
5	Incentive to VSS					0.00
6	Study of inundation due to Tidal effect. (Installation of Tidal Gauge)					0.00
7	20% of Cost escalation					0.00
Total:-						5.50

51. Construction of Khordha-Balangir New B.G. Rail link project by East Cost Railway.- Nayagarh District/Nayagarh Division.						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Improvement of Habitat: Silviculture operation of bamboo	Sulia RF	N 20 07 00 to N 20 08 00	E - 84 01 15 to E 84 02 30	100 Ha.	6.22
2	Improvement of Cane by Planting	Hatimunda RF	N - 20 14 30 to N 20 14 45	E - 84 58 50 to E 84 59 25	10 Ha. (PO)	0.30
3	Water Harvesting Structure/ Impounding of Water	Central RF & Hatimunda RF	N - 20 23 30 N - 20 12 30	E - 84 45 50 E - 85 01 00	1 No.	12.00
4	Guarding of unguarded well	Mahipur, Daspalla & Nayagarh			25 Nos.	3.75
5	Deployment of fire Fightig squad	Mahipur			1 No.	5.90
6	Public Awareness	Mahipur & Daspalla Range			2 Nos.	0.40
7	Incentive to VSS	Mahipur & Daspalla Range			2 Nos.	0.40
Total:-						28.97

52. Construction of Khordha-Balangir New B.G. Rail link project by East Cost Railway- Khordha District/Khordha Forest Division

SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Deployment of Squad	Khordha Road (Jatni) to Bolgarh	20-11-11.9	85-37-08.43	1 No.	21.42
2	Logistic support to Squad	Khordha Road (Jatni) to Bolgarh	20-11-11.9	85-37-08.43	1 No.	0.25
3	Night Binocular-2 Nos. @ 2.50 lakh	Khordha			LS	5.00
4	Publicity & Awareness	Khordha Road (Jatni) to Bolgarh	20-11-11.9	85-37-08.43	2 Nos.	0.60
Total:-						27.27

53. Construction of Conveyor Corridor and formation of Mines access road of Baphimalli Bauxite Mining project of M/s Utkal Alumina international Ltd - Rayagada District/Rayagada Forest Division						
Sl. No	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	1- Habitat Improvement: a) Improvement of Forest cover (through Bald Hill plantation) over 7.337 Ha. @ Rs.1,63,310/- per ha with 1600 plants/ha (wage rate of Rs.150/day)					1.75
2	b) Creation of 1 Water Harvesting Structure					0.00
3	2- Creation of Awareness through various activities.					0.25
4	3- Prevention of Forest Fire: a) Wages of 1 plantation watcher-cum-Fire Watcher for 10 year @ Rs.5000/- over month throughout the year.					0.85
5	b) Wages of 2 fire watchers @ Rs.5000/- per month from March to June every year for 10 years.					0.00
6	c) Supply of fire fighting equipments					0.00
7	4- Corpus fund for grant of compassionate payment					3.42
8	5- Monitoring and Evaluation					0.25
9	6- General provision for equipments, vehicle mobility etc.					0.00
Total:-						6.52

54. Baphlimali Bauxite Mine - Rayagada District/Rayagada Forest Division						
Sl. No	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Habitat Improvement: 1(i) - ANR Practices and enrichment gap plantation- Udalsil RF- 50 ha. Dandabad RF & adjoining revenue forests-25 ha., Kandabindha RF-25 ha. (Total- 100 ha. @ Rs.29,698/- per ha.)	Udalsil RF-50 Ha., Dandabad RF-25 Ha. & Kandabindha RF-25 Ha.			100 Ha.	3.65
	(ii)- Development of water hole/water harvesting structure (WHS) - Udalsil RF-01 no. on LS Rs.6.00 lakhs.					0.00
	(iii)- Fire Protection:- (a) Construction of 01 no. of fire cum anti-poaching/anti-depredation watch tower with provision of solar light system and drinking water facility in Udalsil RF on LS Rs.8.00 lakh.					0.00
	(iv)- Soil and moisture conservation measures in Dandabad, Udalsil & Kandabindha RF- (a) Check dams 1mt. Span-85 nos., 2mt. Span-45 Nos. and 3mt. Span-30 nos. = Rs.10,73,685/- or 10,74,000/- (b)- Contour bunding Rs.1,00,000/-.					6.74
2	Wildlife Protection and Anti-depredation & Fire fighting squad: (a)- Cost of hired vehicle POL etc. and wages of 10 member squad-1 no. over the plan period 1 squad x Rs.19,03,000/- Squad/Annum.				1 No.	16.30
3	Eco-development and capacity building programme: (a) Immunization of live stock of villages nearer to wildlife habitat @ Rs.0.50 lakh per Annum.				LS	0.50
	(b)- Supply of Unnat Chula/LPG connection to the forest dependant people fo the impact area @ Rs.1600/- per each.					2.00
	(c) - Entrepreneurship development activities @ Rs.1.00 lakh per village/SHG.					3.00
	(d)- Decentralised nursery for livelihood of PODU dependent people by free distribution of fruit bearing tall saplings (2 year old) such as Mango, Jackfruit, Pineapple etc. to the forest dependant people for three years @ 5,000 Nos. per year for 3 years = 15,000 nos. @ Rs.26.76/- per seedling.				LS	0.42
4	Celebration of improtant Wildlife events & distribution of prizes.				LS	0.30
5	Monitoring, research, satellite survey including publication of I.E.C (research) materials etc. @ 0.5 lakh per Annum.				LS	0.50
Total:-						33.41

55. Kodingamali Bauxite Mines - Rayagada District/Rayagada Forest Division						
SI No	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Protection watcher/Banasahayak 5 Nos. for 1 year.				1 No.	6.35
2	Plantation over 100 ha. With 10 years maintenance @ Rs.39.980/-per ha. In ZOI (Plantation ANR @ Rs.400 plantation per Ha.)	Kodinga PRF			100 Ha	4.25
3	Soil & Moisture conservation				LS	2.01
4	Soil & moisture conservation measures/check dams in Zol				LS	2.01
5	Creation of water body (2 Nos.) and maintenance for 5 years & soil conservation measures/ponds/bird birth/temporary water holes/ wallowing grounds creation				1 No.	6.50
6	Watch towers (2 Nos.)					0.00
7	Incentives to VSS for forest Protection etc.				LS	0.50
8	Incentives to 5 villages co-ordinators.				LS	0.50
9	Fire protection/ Line tracing				LS	3.50
10	10- Fire watchers 10 Nos.				1 No.	5.35
11	11- Salt lick and maintenance					0.00
12	12- Status survey/ monitorig/wildlife population. Development of commnication network/GIS based maps satellite maps on GIS domain should be procured every year to Know the changing profile of the project area in both dry season and wet season for 10 years preferably using the GIS lab of PCCF (WL), Odisha.					1.00
13	Social Farm Forestry				LS	2.40
14	Podu Prevention/cash crop introduction				LS	2.00
15	Awareness promotion				LS	1.00
16	Cattle immunization				LS	1.50
17	Corpus fund man animal conflict				LS	1.90
18	Capacity building/ field visits				LS	0.50
Total:-						41.27

56. The Graphite Ore Mining lease of M/s Pradhan Industries - Rayagada District/ Rayagada Forest Division						
Sl. No	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	1-Excavation of staggered trench over 20 ha. on the South eastern slope of Utang DPF continuous to the lease area @ 50 Nos. per ha. 1,000 Nos. @ Rs.50/- each.				20 ha.	5.00
2	2-Incentives to 20 Nos. of VSS involved in protection of habitat and wildlife in 7 forest blocks of Kasipur and Kalyansinghpur Range @ Rs.5,000/- each per annum for 10 years Rs.5000 x 20 x 10 = 10,00,000/-				20 nos.	10.00
3	3-Awareness campaign through meetings and workshops etc-10 camps @ Rs.7,000/- per camp.				10 nos.	7.00
4	4-Creation and maintenance of 10 nos of artificial salt licks, one at Kadamchora in Basangmali RF and another at Panasguda in Kalagan DPF (Annex-II)				10 nos.	2.00
5	5-Development of pastures over 04 ha. @ Rs.20,00/-ha. (Annex-III)				4 ha.	0.80
6	6-Cost of raising 20,000 Nos. of two year old samplings of fruit bearing species like Makhula, Mango, Panas species for free distribution to the beneficiaries @ Rs.10/- each				20000 nos.	1.00
7	7-Deployment of anti-depredation Squad (4 x 3000 x 12 x 10 & equipment)				1 no.	16.00
8	8-Fire Protection measures 4 x 5 x 3000 x 10 Watcher & equipments				1 no.	8.00
9	9-Enrichment plantation over 30 ha. @ Rs.20,000/-				30 ha.	6.00
10	10-Monitoring & Evaluation				LS	1.00
11	11-Unforeseen				LS	1.00
Total:-						57.80

57. M/s Khatau Narbheram & Co. - [Barbil Range] - Keonjhar District/Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Bio-Diversity Monitoring & Development of Communication network / GIS Base map, Satelite map on GIS domain every year for 10 year	Barbil	22-7-2.66	85-23-39.36	LS	1.00
Total:-						1.00

58. Baitarani Iron Ore Mines of Dr. Sarojini Pradhan -[Champua Range] - Keonjhar District/Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Polluation Control & Monitoring mechanism to be developed in consultation	Champua Range	21-3-59.2	85-40-5.8	LS	0.50
2	Dust Suppression	Champua Range	21-3-59.2	85-40-5.8	LS	0.50
Total:-						1.00

59. M/s Jajang Iron & Mn. Of Rungta Mines Ltd. -[Champua Range] - Keonjhar District/Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Incentive to VSS	Champua	21-3-59.2	85-40-5.8	10 Nos	1.00
2	Grants to VSS establishing medicinal plant garden / Training	Hunjuposi	21-59-17.5	85-36-6.9	Maintenance Nursery	1.00
3	Monitoring & Evaluation	Division	21-38-10.94	85-36-27.98	LS	0.50
4	Awareness, Signage, Multimedia, alternative livelihood	Champua	21-3-59.2	85-40-5.8	LS	0.96
5	Unforeseen Expenditure	Division	21-38-10.94	85-36-27.98	LS	0.50
Total:						3.96

60. Gandhamardan Iron Mines Block-B of M/s OMC Ltd. [BJP Range] - Keonjhar Distirct/Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Eco-Development of Peripheral villages	BJP Range	21-37-46.9	85-33-6.1	As per Scheme	2.00
2	Equipment	BJP Range	21-37-46.9	85-33-6.1	LS	0.50
3	Immunisation of Cattle	BJP Range	21-37-46.9	85-33-6.1	LS	0.50
4	Monitoring & Evaluation	Division	21-38-10.94	85-36-27.98	LS	0.60
5	Unforeseen Expenditure	Division	21-38-10.94	85-36-27.98	LS	0.67
Total:						4.27

61. Establishment of Iron Ore beneficiation Plant & Tailing Dam M/s BRPL [Barbil Range] - Keonjhar District/Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Habitat Improvement , weed eradication, meadow development, GAP Planting etc	Thakurani RF, Uliburu RF	22-6-52 22-8-38	85-27-38 85-22-07	As per Scheme	2.36
2	Fire Protection Squad	Barbil Range	22-7-00	85-23-39	3 Persosn	1.25
3	Incentive to villagers for fire prevention	Barbil Range	22-7-00	85-23-39	LS	0.20
4	Ecological monitoring and research (incuding census, Digital MAP with computer accessories / GIS MAP	Barbil Range	22-7-00	85-23-39	LS	1.00
5	Information, Education, Communication, Awareness including award	Barbil Range	22-7-00	85-23-39	LS	0.50
6	Monitoring & Evaluation	Division	21-38-10.94	85-36-27.98	LS	0.50
Total:						5.81

62. Dalki Mn mines of M/s BPME Ltd C/o- OMDC -Barbil Range - Keonjhar District/Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Forest Protection including Support VSS /Boundary Maintanance etc	Karo RF	22.7-2.66	85-23-39.36	2 Persons	0.23
	Fire protection in cluding of wages of fire watcher, fire line creation & maintenanance				1 No.	2.00
2	Habitat Improvement , Large Scale Plantation/ fodder, bamboo, fruit bearing etc	Thakurani RF & Karo RF	22-6-52	85-27-38	As per Scheme	3.00
3	Public Awareness / Capacity Building	barbil Range	22-7-00	85-23-39	LS	0.52
4	Development of Communication / GIS Map Base	barbil Range	22-7-00	85-23-39	LS	0.60
5	Monitoring & Evaluation	Division	21-38-10.94	85-36-27.98	LS	0.50
Total:						6.85

63. Katamati Iron Ore Mines by M/s TATA - Barbil Range - Keonjhar District/ Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Elephant Spot Light	barbil Range	22-7-00	85-23-39	LS	0.50
2	Habitat of Improvement	Uliburu RF & Sidhamatha RF	22-8-38	85-22-07		3.15
3	Fireline Creation & maitenance 5 Kms	Uliburu RF & Sidhamatha RF	22-8-38	85-22-07	24 Kms	0.75
4	Engagement of Fire Watcher & Equipment	barbil Range	22-7-00	85-23-39	LS	1.46
	Salt licks Creation & Maitenance	barbil Range	22-7-00	85-23-39	3 Nos	0.50
5	Monitoring & Evaluation	Division	21-38-10.94	85-36-27.98	LS	0.50
Total:						6.86

64. Four & Six lanning NH-215 from 0 to 163 kms (Panikoili-Remuli Section) of NHAI - Ghatagaon Range - Keonjhar District/Keonjhar (T) Forest Division

SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Renovation & Maintenance of WJS	Ghatagaon	21-37-47.56	85-36-10.89	Pipilia RF	1.00
2	Elephant tracker cum Protecion Squad / Fire Watcher	Keonjhr Range Ghatagaon	21-37-47.56 21-23-48.4	85-36-10.89 85-53-46.2	LS	5.67
3	Logistict such as Camping facility equipment / materials	Keonjhr Range	21-37-47.56	85-36-10.89	LS	1.00
4	Equipment such as light, cracker, night vision	Keonjhr Range Ghatagaon	21-37-47.56 21-23-48.4	85-36-10.89 85-53-46.2	LS	1.00
5	Awareness raising in Forest Fringe Villages	Keonjhr Range Ghatagaon	21-37-47.56 21-23-48.4	85-36-10.89 85-53-46.2	LS	1.00
6	Monitoring & Evaluation	Division	21-38-10.94	85-36-27.98	LS	0.50
7	Wages of Driver	Division	21-38-10.94	85-36-27.98	1 No	2.22
8	POL	Division	21-38-10.94	85-36-27.98	LS	1.20
Total:-						13.59

65. Khandabandh Iron & Maganeese Mines of TATA- Champua Range - Keonjhar District/Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	ANR with Gap Pantation 678.234 Ha [ANR 400 ha-4th Year Maitenance]	Balibandha RF & Laxmiposi RF	21-54-8	85-34-8.1	ANR 400 ha	3.78
2	Creation of Waterbody	Baitarani A RF	21-58-19.3	85-23-20.8	1 No	6.60
3	Fire Watcher 10 nos for Five months	Champua Range	21-3-59.2	85-40-5.8	10 Persons	6.84
4	Clearing Fireline	Baitarani A RF Baitarani B RF	21-58-19.3 22-00-48.7	85-23-20.8 85-27-12.8	100 Kms	3.16
5	Corpus Fund to be kept as a revolving Fund	Division	21-38-10.94	85-36-27.98	LS	5.00
6	Awareness raising in Forest Fringe Villages	Champua Range	21-3-59.2	85-40-5.8	As per Scheme	1.00
7	Equipment to deal with elephant depredation	Champua Range	21-3-59.2	85-40-5.8	LS	2.63
8	Engagement of Anti-poching Squad	Champua Range	21-3-59.2	85-40-5.8	1 Squad=10 persons	11.60
9	Logistict such as transport, camping facility & equipment	Champua Range	21-3-59.2	85-40-5.8	LS	4.62
10	Inteligence Collection	Champua Range	21-3-59.2	85-40-5.8	LS	1.00
11	Monitoring & Evaluation	Division	21-38-10.94	85-36-27.98	LS	0.50
12	Escallation cost 20% & Unforeseen Expenditure					0.00
Total:-						46.73

66. Unchhabali Iron & Mn Mines of Smt Indrani Patnaik - Champua Range - Keonjhar District/ Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Delileation of Corridor & Provision of signaging and hoading	Dhanurjaypur Kaliapal	21-48-24.1 21-47-16.1	85-26-18.2 85-27-54.2	LS	1.20
2	Incentive to Villages	Champua Range	21-3-59.2	85-40-5.8	As per scheme	0.36
3	Cost of POL, Supply of Spot Light / Cracker	Champua Range	21-3-59.2	85-40-5.8	LS	0.20
Total:-						1.76

67. Balada Block Iron Ore Mines of M/s Sirajuddin & Co- Champua Range - Keonjhar District/ Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Engagement of Motivator 2 Nos / Awareness	Champua Range	21-3-59.2	85-40-5.8	2 Nos / Awareness	2.16
2	Anti-potching Squad 5 Nos of 10 Years	Champua Range	21-3-59.2	85-40-5.8	1 Squad / 5 persons	5.56
3	Tenting equipments & anti-depredation gears with uniform	Champua Range	21-3-59.2	85-40-5.8	LS	0.52
4	VSS Formation & Entry point activities	Pedipokhari	21-50-11.1	85-21-45.2	1 Nos	1.00
5	Fire Watcher 5 Nos	Champua Range	21-3-59.2	85-40-5.8	5 Persons	2.00
6	Incentive for Fire prevension to 10 nos villagers	Kaliapal Kasia Lungadia Dalpahar Khandbandh Belda Gurutuan Gurubeda Daduan Birikala Munda Sahi	21-46-38.49 21-45-49-26 21-47-14.33 21-58-38.7 21-57-23.9 21-53-43.3 21-54-48.4 21-58-03.3 22-01-21.8 22-02-31.9	85-27-28-92 85-25-8.76 85-25-35.86 85-23-20.0 85-23-58.3 85-27-20-1 85-27-38.3 85-26-36.0 85-28-06-0 85-27-59.4	10 Nos	1.10
7	Fireline Tracing	Pedipokhari RF Naibuga RF Nandijhari DPF	21-51-0.2 21-49-27.2 21-47-30.1	85-22-13.1 85-25-19.2 85-27-6.2	20 Kms	0.63
8	Intelligence Collection	Champua Range	21-3-59.2	85-40-5.8	LS	0.50
9	Supply of GPS, Elephant Focus Light, hooter, Mega Phones, Camp Equipment etc	Champua Range	21-3-59.2	85-40-5.8	LS	1.45
10	Monitoring & Evaluation	Division	21-38-10.94	85-36-27.98	LS	0.50
Total:-						15.42

68. Inganjharan Iron and Mn Ore Mines by M/s Bhanja Minerals Pvt. Ltd - Champua Range - Keonjhar District/Keonjhar (T) Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Plantation of fruit and fodder species and protection of Forests include creation of WaterBody	Baitarani A RF	21-58-37.1	85-26-12.4	1 No	3.48
2	Anti-Depredation equipments & Training / incentive to squad	Champua Range	21-3-59.2	85-40-5.8	LS	0.60
3	Creation of Permanent / Temporary Water Hole with re-filling in summer	Naibuga R.F.	21-49-48.4 21-49-15.2 21-49-20	85-24-37-9 85-25-26.2 85-25-15.7	As Scheme	3.50
4	Fireline Creation / Maintenance/ incentive to VSS/ Equipment / Watcher	Champua Range	21-3-59.2	85-40-5.8	1 No	0.72
5	Monitoring & Evaluation					0.00
6	Awareness Creation	Champua Range	21-3-59.2	85-40-5.8	LS	0.50
7	Other Unforeseen Expenses					0.00
Total:-						8.80

69. Putulipani Iron Ore Mines by M/s Gandhamardan Sponge Industries Pvt. Ltd. - BJP Range - Keonjhar District/ Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Protection of Forest including support to the VSS / boundary maintenance etc. Development of Anti-depredation / Anti-poaching squad (2 persons)	BJP Range	21-37-46.9	85-33-6.1	2 Persons	2.16
2	Fire Protection for 10 years including wages of Fire Watcher (2 Persons)	BJP Range	21-37-46.9	85-33-6.1	2 Persons	0.23
3	Creation / Maintenance of Water Body	SUAKATI	21-36-15.33	85-30-58.96	1 No	1.00
4	Habitat Improvement (Iradication of Weeds)	Gandhamardan RF	21-36-38.57	85-30-12.41	100 ha	3.00
5	Public Awareness / Capacity Building	BJP Range	21-37-46.9	85-33-6.1	LS	0.50
6	Immunization of livestock	Tentuli Kusumita	21-35-47.08 21-43-24.84	85-31-19.32 85-29-1.17	2 Nos	0.50
7	Development of infrastructure like VHF set/ tower etc communication equipment like telephones / Computers, peripherals	Division	21-38-10.94	85-36-27.98	LS	0.50
8	Eco-Development / income generating activities	SUAKATI	21-36-15.33	85-30-58.96	ls	1.00
9	Monitoring & Evaluation	Division	21-38-10.94	85-36-27.98	LS	0.50
Total:-						9.39

70. Bolani Iron Ore Mines of M/s SAIL (6.90 Sq. Minles) - Keonjhar District/Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Awareness campaign with gisnages at strategic places in 10 Nos villages @10000/- per village per year	Forest Fringe villages near Sidhamatha, Karo, Thakurani, Uliburu, Baitarani "A" & "B" RF	22-7-2.66	85-23-39.36	10 nos village	1.00
2	Capacity Buildings & Procurement of anti-depredation items lick crackers, torch etc, for villagers / VSS Members 10 Nos @20000/-	Barbil Range	22-7-2.66	85-23-39.36	10 nos VSS	2.00
3	Entry Point Activities - (a)Supply of Grain Bin in 10 villages @ 15 nos per villages @2000/-	Barbil Range	22-7-2.66	85-23-39.36	10 nos VSS of 150 nos	3.00
4	b) Construction of Storage godown 3 nos in 3 strategic villages @ 5 lakhs each	Barbil Range	22-7-2.66	85-23-39.36	3 nos Village	15.00
5	c) Alternative livelihood initiatives like Honey Bee keeping, Sal plate making value, addition to NTFPs etc @5lakhs /peryear	Barbil Range	22-7-2.66	85-23-39.36	1 No Village	5.00
6	One Anti-depredation and Wildlife protection squad with 10 members	Barbil Range	22-7-2.66	85-23-39.36	1 No.	20.58
7	One Fire Protection Squad with 10 member with hired vehicle for 5 months	Barbil Range	22-7-2.66	85-23-39.36	1 No.	6.82
8	Wages of 10 nos fire watcher for five fire month	Barbil Range	22-7-2.66	85-23-39.36	1 No.	4.73
9	Training to the fire watchers to be engaged and the villagers on fire fighting drills	Barbil Range	22-7-2.66	85-23-39.36	LS	0.20
10	Construction of watch towers with solar light and tube well facilities for drinking water	Uliburu RF near Haramath	22-2-36.3	85.2-17-2.5	1 No	20.00
11	Creation of Water Bidies 5 Nos	Uliburu RF	22-0-29.5	85-16-22.3	2 Nos	14.00
13	Soil moisture conservation measures in the catchment areas over small drainage within 1 mtr span with wire mesh.	Sidhamatha Rf, Baitarani RF, Karo RF, Kahraghati RF			1 mtr Wiremessh 50 nos	3.27
14	Soil moisture conservation measures in the catchment areas over small nalas on the hill slopes with 2 mtr span with wire mesh	Sidhamatha Rf, Baitarani RF, Karo RF, Kahraghati RF			2 mtr Wiremessh 25 nos	3.40
15	Soil moisture conservation measures in the catchment areas over small nalas on the hill slopes with 3 mtr span with wire mesh	Sidhamatha Rf, Baitarani RF, Karo RF, Kahraghati RF			3 mtr Wiremessh 10 nos	6.91
16	Provision for rechargeable large long range powerful flash light / torch for supplying to the villagers for assisting in protection during patrolling, Wildlife protection and fire protection work 100 nos	Barbil Range			100 nos per year	1.50
17	Driver Salary	Barbil Range	22-7-2.66	85-23-39.36	1 No	2.24
18	Health Camp for villagers of Forest Fringe areas	Barbil Range	22-7-2.66	85-23-39.36	1 No	0.50
19	Immunization of cattle in forest fringe villages	Barbil Range	22-7-2.66	85-23-39.36	1 No	0.50
	Monitoring & Evaluation					0.00
20	Payment towards cost of engaging one GIS Expert	Keonjhar Division	21-38-10.94	85-36-27.98	1 No	3.95
21	Payment towards cost of Monitoring and evaluation procurement of latest satellite maps every year					1.00
22	Corpus Fund for Ex-gratia	Barbil Range	22-7-2.66	85-23-39.36	LS	4.00
23	Contingency	Keonjhar Division			LS	2.00
Total:						121.60

71. Roida-I Iron Ore Mines of Mideast Integrated Steel Ltd. - Keonjhar District/ Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Habitat Improvement, GAP Planting, SMC measures	Sidhamatha RF	22-0-58	85-20-53	SMC Works	2.00
2	Awareness Promotion	Barbil Range	22-7-00	85-23-39	LS	0.10
3	Fire Protection and protection of forest patches including creation of game tanks / bird bath / temporary water hole etc	Barbil Range	22-7-00	85-23-39	Fire Protection Works	0.80
4	Income generating measures	Barbil Range	22-7-00	85-23-39	LS	1.50
5	Immunisation of cattle	Sidhamatha RF	22-0-58	85-20-53	1 No	0.40
6	Metal Bins	Barbil Range	22-7-00	85-23-39	LS	1.00
7	Solar Light	Barbil Range	22-7-00	85-23-39	LS	1.00
8	Development of Communication network / GIS based map / Satelite map on GIS Domain	Barbil Range	22-7-00	85-23-39	LS	0.50
9	Unforeseen Expenditure	Division	21-38-10.94	85-36-27.98	LS	0.10
Total:						7.40

72. Gandhamardan Iron Ore Mines Block-A of M/s OMC Ltd. - Keonjhar District/ Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Cost of Training, uniform, basic kits etc and remunerations of Community Forester - 20 Persons	BJP Range	21-37-46.9	85-33-6.1	2 Squad= 20 persons	22.68
2	Awareness campaign, management of inter-face between man and elephants - (No Exenditure vehicle cost Rs. 22 lakhs)	BJP Range	21-37-46.9	85-33-6.1	1 Nos	0.50
3	Clearance of Fireline , preparation of counter fire line at strategic locations in all forest blocks	BJP Range	21-37-46.9	85-33-6.1	65 Kms	2.00
4	Special Incentives to the member of 18 VSS in extinguishing incidental fire	BJP Range	21-37-46.9	85-33-6.1	18 Nos- As per Scheme	0.36
5	Provision for fire fighting tools to be supplied to the VSS members	BJP Range	21-37-46.9	85-33-6.1	18 Nos- As per Scheme	0.36
6	Incentive to 40 villages (Cash reward,)	BJP Range	21-37-46.9	85-33-6.1	40 Nos As per Scheme	2.00
7	Supply of Crackers to 40 villages	BJP Range	21-37-46.9	85-33-6.1	40 Nos As per Scheme	0.40
8	Monitoring & Evaluation and training including cost of infrastructure like water supply, computers, suppot staffs etc. at Division Head Quarter	Division Head Quarter	21-38-10.94	85-36-27.98	LS	0.50
9	Creation of Water Harvesting Structure	BJP Range	21-37-46.9	85-33-6.1	Gandhamardan	10.00
10	Curpos Funds	Division	21-38-10.94	85-36-27.98	LS	2.00
Total:						40.80

73. M/s Prakash Industries Limited by Sirkagutu Iron & Manganese Ore Mines. - Keonjhar District/ Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Silvipasture Development at Kadamdihi DPF	Kadamdihi DPF	21-43-43.78	85-16-2.38	Silvipasture	2.28
2	Fire line tracing / Maintenance inside Kanjipani RF	Kanjipani RF	21-28-52.5	85-28-41.6	6 Kms	0.20
3	Engagement of Anti-Potching Squad - 5 Persons	BJP Range	21-37-46.9	85-33-6.1	1Squad=5 persons	8.60
Total:						11.08

74. Bolani Iron Ore Mines of M/s SAIL (5.10 Sq. Miles). - Keonjhar District/ Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Water harvesting structure - Karo / Sidhamatha RF	Karo / Sidhamatha RF	22-2-52.91	85-16-38.37	Check Dam	10.00
2	Salt licks	Sidhamatha RF	22-5-53.29	85-19-1.96	1 No	0.20
3	SMC works / Bank management of Bhalugarh Nala LBCD - 2 mtr - 80 for Elephant Traverse Path (ETP)	Bhalugarh Nala	22-6-42.2	85-19-18.5	2 mtr span- 80 Nos	4.27
4	Corpus Fund for Ex-gratia	Division	21-38-10.94	85-36-27.98	LS	5.00
5	Promotion of Awareness	Barbil Range	21-59-52.28	85-21-41.03	LS	2.00
6	Capacity Building of Staff / VSS	Barbil Range	22-7-00	85-23-39	LS	1.00
7	Anti-depredation squad, damage control, 5 Trackers	Barbil Range	22-7-00	85-23-39	5 Persosn	5.67
8	Fire Protection Squad / Fiore Watcher 3 Nos for 5 months	Barbil Range	22-7-00	85-23-39	3 Persons	1.42
9	Fireline	Sidhamatha RF	22-0-0.9	85-21-42.15	10 Kms	0.95
10	Fire fighting Equipment & logistic Support	Barbil Range	22-7-00	85-23-39	LS	1.50
11	Solar Street Light					0.00
12	Running cost of SUV @100 liter per month + maintenance & Wages of Contractual Driver	Division	21-38-10.94	85-36-27.98	LS	1.44
13	Secret Fund	Division	21-38-10.94	85-36-27.98	LS	0.50
14	Running Cost + Wages of Contractual Driver for RCCF Vehicle	RCCf Office, rourkala			LS	1.84
15	ELEPHANT TRAVERSE PATH [ETP]					
16	Survey & Demarcation of New aligned movement Karo-Karampada ETP by RCC Boundary pillars including cleaning of thorny bushes for clear demarcation	Karo- Karampada EC	22-2-13	85-15-51	LS	2.50
17	Study on movement partern of elephants by Radio telemetry					0.00
18	Manned Check Gate at Haramotto - Panduliposi Road in Karo RF - 2 Gate Watcher at sunset to sunrise & Iron Check Gate	Haramotto - Panduliposi Road in Karo RF	22-2-14.18	85-17-1.74	1 No	2.26
	Habitat Protection cum elephant monitoring squad at ETP (5 tracker)	Barbil Range	22-7-00	85-23-39	5 Persosn	5.67
19	Trench Fencing around west of Haramotto village and north of Panduliposi village to prevent elephant movements to villages	Panduliposi Village	22-2-1.3	85-15-58.3	4.5 Kms	35.00
20	Habitat Manipulation of ETP	Karo- Karampada EC	22-2-13	85-15-51	LS	2.00
21	Miscellaneous including awarens, signage					0.00
22	Monitoring & Evaluation					0.00
Total:						83.22

75. Thakurani Iron Ore mines by M/s Kaypee Enterprises. - Keonjhar District/ Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3			4	5
1	Plantation of fruit and fodder species and protection of forest including improvement to vegetation including creation of water bodies	Barbil Range- Thakurani RF	22-6-52	85-27-38	As per Scheme	6.00
2	Fireline Creation / incentive to VSS / Fire prevention equipments /Fire watcher etc	Barbil Range	22-6-52	85-27-38	As per Scheme	1.00
3	Immunization of livestocks	Barbil Range	21-59-52.28	85-21-41.03	-	0.50
4	Income Generating Activities - Farm Forestry etc	Barbil Range	21-59-52.28	85-21-41.03	-	1.00
5	Solar Fencing	Barbil Range				0.00
6	Solar / electric Street light	Barbil Range	21-59-52.28	85-21-41.03	-	1.00
7	Anti-depredation equipments & Training / incentive to Squads	Barbil Range	21-59-52.28	85-21-41.03	-	0.50
8	Storage bins / godown	Barbil Range	21-59-52.28	85-21-41.03	-	1.00
9	Corpus Fund	Barbil Range	21-59-52.28	85-21-41.03	-	0.00
10	Habitat improvement & Creation of permanent / temporary water holes with provision of re-filling in summer to meet needs of both mega and minor fauna	Barbil Range				0.00
11	Development of Communication Network / GIS Based maps, Satellite Maps	Barbil Range				0.00
12	Bio-diversity Survey	Barbil Range				0.00
13	Monitoring & Evaluation	Barbil Range				0.00
14	Farm Forestry / livelihood / Awareness creation / cattle immunisation etc	Barbil Range				0.00
15	Other unforeseen Expenses	Division	21-38-10.94	85-36-27.98	LS	0.30
Total:						11.30

76. Nuagaon Iron Ore Mines of M/s KJS Ahluwallia - Keonjhar District/ Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Protection of forest including support to the VSS / boundary maintenance etc.	Barbil Range	21-59-52.28	85-21-41.03	1 No.	1.00
2	Fire Protection including Wages of Fire Watchers	Barbil Range	21-57-26	85-16-18	Guali	1.00
3	Purchase of Two Vehicle & POL etc	Barbil Range	21-59-52.28	85-21-41.03	-	0.00
4	Creation of Game tanks and renovation and maintenance of old game tanks, water bodies, wailowing grounds etc in interior Forest Areas.	Barbil Range	21-57-6.80	85-16-25.68	Nuagaon	6.00
5	Habitat Improvement: Large Scale plantation preferably with fodder, bamboo, fruit bearing species and development of grass land / meadows including watch and ward at least over 300 ha.	Barbil Range	-	-	-	0.00
6	Public Awareness / Capacity Buildings	Barbil Range	21-59-52.28	85-21-41.03	-	1.00
7	Protection / Anti-Depredation squad with cost of equipments, incentives, hiring of vehicles, labourers etc for both Keonjhar & Bonai Division.	Barbil Range	21-59-52.28	85-21-41.03	-	3.00
8	Corpus fund for paying Compassionate grant and Wildlife depredation control measures at the time of Exigencies of man wild animal conflict.	Barbil Range	21-59-52.28	85-21-41.03	-	2.00
9	Solar Fencing & its maintenance	Barbil Range	-	-	-	0.00
10	Immunization of livestock	Barbil Range	21-59-52.28	85-21-41.03	-	0.30
11	Development of Communication Network / GIS Based maps, Satellite Maps	Barbil Range				0.00
12	Pollution control and monitoring mechanism to be developed in consultation with State Pollution Control Board.	Barbil Range				0.00
13	Development of Infrastructure like VHF sets / towers, Watch towers, communication equipments like telephones/ Computer, peripherals, repair of staff quarters / checkgate and maintenance	Barbil Range	21-59-52.28	85-21-41.03	-	1.50
14	Eco-Development / Income generating activities	Barbil Range				1.00
15	Unforeseen & Miscellaneous	Division	21-38-10.94	85-36-27.98	LS	0.50
Total:						17.30

77. Four laning Project of NH-6 of Singara to Binjabahal Section - Keonjhar District/ Keonjhar (T) Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	A- Habitat Improvement:- 1-Soil conservation Measures:- a) Gully plugging in the catchment area of (Kanjipani RF-100 ha., Sinduria DPF-100ha. Mundula RF-50 ha. & Belda RF-50 ha.) over 300 ha. @ Rs.7,840/- per ha. as per cost norm estimation at Para 5.B.1 (i)	Kanjipani RF-100 ha.			100 Ha.	7.84
2	b) Small check dam of different dimensions as per field conditions in the catchment area within the Kanjipani RF, Sanghagara DPF, Sinduria DPF, Belda RF, Chemna RF & Bansuli RF. (i) 1 mtr. 60 Nos. @ Rs.6272/- each as per cost norm of Annexure-B-VII	Kanjipani RF, Sanghagara DPF			20 nos	1.88
3	(ii) 3 mtr. 60 Nos. @ Rs.12,812/- each as per cost norm of Annexure-B-VIII				20 nos	3.84
4	(iii) 3 mtr. 50 Nos. @ Rs.34,578/- each as per cost norm of Annexure-B-IX				20 nos	8.64
5	2- Water regime:- a) Water body at the locations as enumerated at Table-5- (10 Nos.)				2 nos.	11.20
6	b) Desilting of existing water bodies.				2 nos.	1.82
7	B- (3)- Protection Measures:- a) Two nos. wildlife protection squad (10 members) as per cost norm of Annexure-B-V- 2 nos.				1 nos.	17.94
8	b) Anti-depredation equipments like long range rechargeable torch lights @ Rs.2000 each 50 nos. per year over 10 years.- 500 nos.				50 nos.	1.00
9	c) Mobile Solar fencing system (of 1 km length) including cost of maintenance over the plan period.- 1 unit					0.00
10	4- Fire protection:- a) Fighting squad (10 members) @ Rs.5,90,000/- as per cost norm of Annexure-B-VI- 2 nos.				2 nos.	11.80
11	b) Fire fighting equipment & 10 nos. blowers					0.00
12	c) POL & maintenance of blowers- 10 nos.					0.00
13	5- Development of a green belt by planting elephant fodder & fruit bearing species over 500 mtr. X 100 mtr on both sides of the 3 nos of elephant underpasses to enable the elephants a smooth passage @ 800 plants per ha. to be planted in absolute gaps in Urban Plantation norm as per GPS co-ordinates at Para 4.B.iv Cost norm the Annexure-B-I (a)					0.00
14	6- Logistic support:- a) Provision of Solar street light system in 5 nos of villages namely Bhalughar, Khajurimunda, Danla, Khuntakata (Parida Sahi) & Kandakala (Kendughati) @ 8 nos. per village total 40 nos.				40 nos	6.60
15	b) Maintenance of the 40 nos of the above Solar Street lights @ Rs.1,000/- per year over the plan period.				40 nos	0.40
16	c) Provision of bee-boxes in 10 nos. of villages @ 10 nos per village as mentioned at Para 5.B.V.c				10 nos	3.00
17	7- Compassionate fund for exgratia.				LS	3.00
18	8- Awareness campaign 10 nos. per year at the strategic villages				LS	2.00
19	9- Artificial Bird nesting by fixing Nest Boxes of size 15 x 15 x 25 cm fixed at a height varying from 5 mtr to 10 mtr all along the project road of 92.982 km over 930 nos. @ Rs.1500/- each					0.00
20	10- Creation of Bird bath size 3 mtr x 3 mtr x 0.5 mtr and lined with 3-4 mm thick HDPE sheet filling with water and disinfectant KMnO4 (Potasum permanganate) 90 nos @ Rs.1.0 lakh each.					0.00
21	11- Maintenance of the above bird nests and bird bath @ 25% of the cost					0.00
22	12- Birds scaping by engagement of Bird watcher 10 nos. @ Rs.11,515/- per month over the plan period 10 x 11,515.60 x 12 x 10					0.00
23	13- Monitoring and Evaluation					1.00
24	14- Unforeseen expenses @ Rs.2.00 lakhs per year.					1.00
Total:						82.96

78. Patmunda Mn Mines M/s (P) Ltd. (Lease area-807.136 ha.) - Sundargarh District/Bonai Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Habitat Improvement both in project impact area including with fodder & fruit bearing species block plantation/ ANR with gap plantation with above species, meadow development, Bamboo plantation/Bamboo clumps silvicultural operation etc, soil & moisture conservation measures, wallowing grounds development, salt lick, watch tower, etc (6th year 10 ha., 90 ha 2nd year & 90 ha 3rd year)	Koira	N21 54 08.89	E85 14 39.93	10 Ha. 90 Ha. 90 Ha.	3.04
2	Awareness promotion, meeting/ seminar with equipment of multimedia, signages about wild animals presence, training on alternate livelihood activities and supply of kits / machines etc.	Koira	N21 54 08.89	E85 14 39.93	1 No.	0.96
3	i) Fire watcher 10 nos ii) Fire fighting Equipmet III) Incentive for fire prevention IV) fire prevention measures with fireline creation / maintenance, fire fighting equipment, incentives to VSS, fire watchers squads etc	Koira	N21 54 08.89	E85 14 39.93	1 No. squad fire line- 50 kms	2.44
4	Bio-diversity studies	Koira	N21 54 08.89	E85 14 39.93	1 No.	1.00
5	Unforeseen expenditure	Koira	N21 54 08.89	E85 14 39.93	LS	0.44
Total:-						7.88

79. Narayanposhi Iron Mn. Mines of M/s.AMTC (P) Ltd. (349.263) - Sundargarh District/Bonai Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Habitat Improvement measures with fruit bearing and fodder species / Bamboo Plantation / meadow development / ANR/ staggered trenches in forest area	Karo RF	N21 54 08.89	E85 14 39.93	50 Ha.	0.56
2	Equipment for 10 year Flash light 30 nos Megaphone-15 nos Mobile phone with SIM card 5 nos Fire cracker Soler light 25 nos	Koira	N21 54 08.89	E85 14 39.93	1no.	1.00
3	Creation of fire lines and maintenance of old lines / fire fighting equipment / fire fighting squad/ incentive to VSS prevention of fire as encouragement incentive	Koira	N21 54 08.89	E85 14 39.93	1no.	1.10
4	Biodiversity and animals status monitoring & development fo communication network / GIS based maps Satellite maps of GIS domain should be procured from ORSAC every year to know the changing profile of the project area in both dry season and wet season for 10 years preferably using the GIS lab of PCCF (WL), Odisha	Koira	N21 54 08.89	E85 14 39.93	1 no.	2.00
5	Unforeseen & miscellaneous	Koira	N21 54 08.89	E85 14 39.93	1no.	0.50
Total:-						5.16

80. Barsuan - Taldihi -Kalta(ML-130) Iron Mines M/s SAIL (Lease area-2486.383 ha.)- Sundargarh District/Bonai Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	ANR With Stone wall fencing (300 ha)	Kuliposh/ Tamra	N21 39 51.68	E85 03 40.15	300 Ha.	2.77
2	Eradication of weed (200 ha)	Barsuan	N21 51 05.2	E85 06 59.1	25 Ha.	3.40
3	Soil Conservation measures/ M. Check Dams (200 ha)	Barsuan	N21 51 05.2	E85 06 59.1	20 Ha.	1.60
4	N. Counter trench (50 ha) from 3rd years	Barsuan	N21 51 05.2	E85 06 59.1	10 Ha	3.99
5	Fire Consevancey M. Maintenance of fire line (100 km)	Barsuan	N21 51 05.2	E85 06 59.1	300 km	8.69
6	Engagement of fire watcher for 5 months (40 person)	Barsuan	N21 51 05.2	E85 06 59.1	40 person	18.66
7	O. Fire Fighting incentive (40 VSS)	Barsuan	N21 51 05.2	E85 06 59.1	1 No.	8.00
8	Watch tower (concrete)	Barsuan	N21 51 05.2	E85 06 59.1	1 No.	12.00
9	Development of Grass land (50 ha)	Barsuan	N21 51 05.2	E85 06 59.1	10 ha.	2.00
10	Awareness	Barsuan	N21 51 05.2	E85 06 59.1	1no.	3.00
11	Monitoring & evaluation	Barsuan	N21 51 05.2	E85 06 59.1		1.00
12	Habitat Improvement measures: Construction of Check dams 9 year 1-5) to Help retain water, spread moist ground and prevent spread of fire maintenance of check dams, Developmet of Meadows	Barsuan	N21 51 05.2	E85 06 59.1	1	5.00
13	Development of GIS Database on all WLRZ	Barsuan	N21 51 05.2	E85 06 59.1	1	1.00
14	Micro planning for habitat management	Barsuan	N21 51 05.2	E85 06 59.1	1	1.00
15	Fire Control Measures through EDC involment	Barsuan	N21 51 05.2	E85 06 59.1	1	1.00
16	Other Miscellaneous activities	Barsuan	N21 51 05.2	E85 06 59.1	1	1.00
17	Expenses related to Organusation of meeting, Travel etc	Barsuan	N21 51 05.2	E85 06 59.1	1	1.00
18	Annual Review of activities by independent consultant	Barsuan	N21 51 05.2	E85 06 59.1	1	1.50
19	Monitoring of regeneration in forest floor (five plots in five WLRZone)					0.00
20	Survey and mapping of trees used by Gaint squirrel for nesting and feeding					0.00
21	survey and mapping of evidence of carnivores and herbivores					0.00
22	Survey and monitoring of invertebrate diversity					0.00
23	survey and identification Orchid flora with host trees and locations	Barsuan	N21 51 05.2	E85 06 59.1	1	0.50
24	monitoring of vehicles movement and visitor profile	Barsuan	N21 51 05.2	E85 06 59.1	1	0.50
25	Research through local institution/Organization (research personnel: two research fellows (One RF academic qualification in commerce IR and Management ; I RF a Biologist)(per fellw, fellowship+ HRA Rs25,000/- PM with 7% increase every year) with two field assistants (local youth, knowledge of area matriculate (Rs7,000/- PM per person with 7% increase every year); Travel (Rs15,000/- year) and cost of insurance for life and health (Rs. 30,000/- per year with 7 % increase per year); and misc contingencies	Barsuan	N21 51 05.2	E85 06 59.1	1	8.20
26	Elehant approach-proof concrete base around electricity poles to be constructed vy concrete villageers 30 structures / year	Barsuan	N21 51 05.2	E85 06 59.1	1	5.00
27	Support to remove danger from shagging of electricity supply lines	Barsuan	N21 51 05.2	E85 06 59.1	1	1.00
28	reward to villagers for participation in peaceful elephant escort-out operation	Barsuan	N21 51 05.2	E85 06 59.1	1	0.50
29	Assistance for setting up green shops 5 number (2nd year onwards)	Barsuan	N21 51 05.2	E85 06 59.1	1	1.00
30	Assistance for picnic outlets- 5 number (92nd year onwards)	Barsuan	N21 51 05.2	E85 06 59.1	1	1.00
31	Assistance for developing guide trekking routes 2 nos (1st year onwards)	Barsuan	N21 51 05.2	E85 06 59.1	1	1.00
32	Publication of brochures, guide booklets, training of tourist guide camp attendant, camp-coock and other categories person	Barsuan	N21 51 05.2	E85 06 59.1	1	0.50
Total:-						95.81

81.TRB Irom Mines of M/s Jindal Steel & Power Ltd.(Lease area -207.787 Ha.) - Sundargarh District/Bonai Forest Division

SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Habitan Improvement by developing grass lands Plantation of fruit bearing and fodder species in the gaps and barren areas of the suitable govt. and privat lands @ Rs.30,000/- per ha covering 100 ha. (6th year & 7th year)	Toda RF	N21 51 05.2	E85 06 59.1	50 Ha.	0.49
		Toda RF	N21 51 05.2	E85 06 59.1	50 Ha.	0.49
4	Incentive to informants and intelligence collection	Barsuan	N21 51 05.2	E85 06 59.1	1 No.	1.00
6	Unforeseen expenditure	Barsuan	N21 51 05.2	E85 06 59.1	1 No.	1.00
Total:-						2.98

82. San Indpur Iron & bauxite Mines of M/s Rungta Sans (P) Ltd (lease area 147.10 Ha.) - Sundargarh District/Bonai Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Enrichment Plantation over 50 ha with fruit and fodder species (5th year)	Koira	N21 54 08.89	E85 14 39.93	50 Ha.	0.49
2	Fire line/fire watcher/incentive to VSS/Fire prevention equipment	Koira			LS	0.23
3	Village level anti-depredation squad (3) @0.20 lakhs per squad with equipment	Koira			LS	0.31
4	Training, meeting, seminars @ 0.50 per year					0.00
5	Development of communication network / GIS based maps Satellite maps of GIS domain should be procured from ORSAC every year to know the changing profile of the project area in both dry season and wet season for 10 year preferably using the GIS lab of PCCF WL odisha					0.00
Total:-						1.03

83. M/s Visal Metallics (P) Ltd. (Lease area-16.647 ha.) - Sundargarh District/Bonai Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	ANR in dantpat East RF @ Rs.32,466/- per ha with maintenance up to 10th year (4th & 5th year Maint.)	Bonai	N21 49 17.04	E84 87 06.52	10 Ha.	0.10
2	Forest Fire prevention measures inside Buffer Zone including cost of fire fighting equipment, fire line maintenance and awareness programme for 10 year @ Rs.1.0 lakh per year	Bonai	N21 49 17.05	E84 87 06.53	LS	2.00
Total:-						2.10

84. Kanther-Koira Mn. Mines of M/s Rungta Mines (P) Ltd.(73.653 Ha.) - Sundargarh District/Bonai Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	ANR in low scrub hillocks near Sargigarh wirh Barbed wire fencing (5th year maint)	Segasahi	N21 54 08.89	E85 14 39.93	20 Ha.	0.20
2	Unforseen & contingencies	Koira	N21 54 08.89	E85 14 39.93	1 No.	0.20
Total:-						0.40

85. Nadidihi Iron & Mn. Mines, M/s BICo, Ltd (73.855 Ha.) - Sundargarh District/Bonai Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	ANR for resstroation of habitat over 30 ha @ Rs. 21,325 + fencing Rs.13,000/- = Rs.34,325/- per ha (5th year)	Koira	N21 54 08.89	E85 14 39.93	30 Ha.	0.29
2	Enrichment Plantation in Karo-Karampada Corridor 25 ha @ Rs25,000/- per ha	Karo-Karampada	N21 54 08.89	E85 14 39.93	25 Ha.	0.24
3	Tracker for anti-depredation squad 5 nos @ Rs.5,000/- P.M					0.00
4	incentive to VSS 5 nos. for fire protection @ Rs20,000/- each	Koira	N21 54 08.89	E85 14 39.93	1 No.	2.00
5	Awareness promotion	Koira	N21 54 08.89	E85 14 39.93	LS	0.50
6	Unforeseen & miscellaneous	Koira	N21 54 08.89	E85 14 39.93	LS	0.50
Total:-						3.53

86. Teherei Mn. Mines M/s BICo. Ltd. (137.46 ha.) - Sundargarh District/Bonai Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	ANR Hillocks near Sargigarh	Segasahi	N21 54 08.89	E85 14 39.93	50 ha.	0.49
2	Vanasahayak	Segasahi	N21 54 08.89	E85 14 39.93	2 nos.	2.86
3	Seeding of grees in black and scrub/open forest	Koira	N21 54 08.89	E85 14 39.93	1	1.00
4	Incentive to VSS	Koira	N21 54 08.89	E85 14 39.93	1	1.00
5	Biodiversity monitoring & development fo communication network	Koira	N21 54 08.89	E85 14 39.93	1	1.00
6	Awareness promotion	Koira	N21 54 08.89	E85 14 39.93	1	0.20
7	Unforeseen & miscellaneous	Koira	N21 54 08.89	E85 14 39.93	1	0.50
Total:-						7.05

87. Koira Iron Ore Mine, Essel Mining - Sundargarh District/ Bonai Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Grass land development 20 ha @ Rs. 0.30 lakh/ ha with weeding over 2 years	Koira	N21 54 08.89	E85 14 39.93	1	0.00
2	Salt licks = 5 nos @ Rs.0.05 lakh each/ year	Koira	N21 54 08.89	E85 14 39.93	1	0.00
3	Fire fighting incentive (4 VSS) @ Rs. 0.10 lakhs/ year		N21 54 08.89	E85 14 39.93	1	0.40
4	Elephant depredation squads (1) @ Rs. 2.00 lakh/year	Koira	N21 54 08.89	E85 14 39.93	4	2.30
5	Promotion of awareness		N21 54 08.89	E85 14 39.93	1	0.50
6	Contingency unforeseen					0.00
Total:-						3.20

88. Raikela Iron Mines of M/s National Enterprises - Sundargarh District/Bonai Forest Division

SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Anti-Depredation Squad (10) @Rs.1.80 per year x 120 months	Barsuan	N21 51 05.2	E85 06 59.1	1 No.	3.25
2	Fire line 10.00 Km @ 33,000/- per km & maintenance @ Rs.10,000/- per km including making of brush wood piles	Barsuan	N21 51 05.2	E85 06 59.1	10 km	1.56
3	Fire watcher (10) @@Rs 4,500/-x 5 months x 10 year)	Barsuan	N21 51 05.2	E85 06 59.1	1 no.	4.66
4	Elephant Trackers (2 nos) @ Rs.6,000/-x 10 year	Barsuan	N21 51 05.2	E85 06 59.1	2nos.	2.54
5	Safeguard along Road (Signages)	Barsuan	N21 51 05.2	E85 06 59.1	1 No.	0.20
6	Water body (1 nos) Rs.6.00 lakhs in Khandadhar RF including maintenance	Barsuan	N21 51 05.2	E85 06 59.1	1 No.	0.50
Total:						12.71

89. Tantra Mines of M/s Korp Resource Ltd - Sundargarh District/Bonai Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Anti-Poaching/Depredation squad with daily wages watchers/staff/infrastructure etc for 10 year including tracker/ equipments like spot light, crackers etc	Barsuan	N21 51 05.2	E85 06 59.1	2 Nos.	2.24
2	Game tank / salt lick					0.00
3	Awareness Promotion for wildlife conservation and reduction of noise	Barsuan	N21 51 05.2	E85 06 59.1	1 No.	0.25
4	Unforeseen expenditure	Barsuan	N21 51 05.2	E85 06 59.1	1 No.	0.50
Total:-						2.99

90. Raikela & Trantra Iron Ore mining of M/s Penguin Trading Agency Ltd. - Sundargarh District/ Bonai Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Habitat improvement both in project impact area including with fodder & fruit bearing species block plantations / ANR with gap plantation with above species, meadow develement, bamboo plantation/ bamboo clumps silvicultural operation etc, Soil & moisture	Barsuan	N21 51 05.2	E85 06 59.1	1	9.20
2	Assisted Natural Regeneration of qualifier species @ Rs.25,000/- + stone fencing Rs.15,000/- per ha. over 50 ha. (2nd year Maint.)	Barsuan	N21 51 05.2	E85 06 59.1	50 Ha.	0.80
3	Salt Lick (6) @ Rs. 5000/- each	Barsuan	N21 51 05.2	E85 06 59.1	1	0.50
4	Under farm forestry 3 lakh seedlings area to be distributed in peripheral villages to augment food/fodder firewood/timber supply in the region	Barsuan	N21 51 05.2	E85 06 59.1	1	1.42
5	Fire Protection - for 10 year c) fire watcher (3) for 5 month @ Rs.2,700/ Rs.4.0 lakh d)fire line (10km) @ Rs.10,000/- per km + Mintenance Rs.5,000/- per km - Rs.5.50 lakhs or say Rs.5 lakhs e) Fire incentive (5 villagrs) @ Rs.18,000/- each Rs.9.0 Lakh Total- Rs.18.0 Lakhs	Barsuan	N21 51 05.2	E85 06 59.1	1	3.80
6	Anti-Depredation measure-10 years a) Tracker (2) whole time @ Rs. 4,000/- PM..... 9.60 Lakhs b) Solar light (24) @ Rs. 10000/- Rs 2.40 lakhs c) Elephant watch (1) @ Rs. 0.80 lakhs / year Rs. 8.0 Lakhs Total- 20.0 Lakhs	Barsuan	N21 51 05.2	E85 06 59.1	1	5.00
7	Awareness promotion with equipment of multimedia, singnages about wild animals presence, training on alternate livelihood activities and supply of kit/ machines etc					0.00
8	Unforseen & miscellaneous	Barsuan	N21 51 05.2	E85 06 59.1	1	0.50
Total:-						21.22

91. Oraghat Iron Mine of M/s Rungta Sons (P) Ltd. - Sundargarh District/Bonai Forest Division						
SL. No.	Component	Location	Geo-coordinates		Physical (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Assisted natural regeneration for restoration of Habitat	Koira	N21 54 08.89	E85 14 39.93	1	2.62
2	Fireline creation and maintenance/ incentive to VSS/fire watcher	Koira	N21 54 08.89	E85 14 39.93	1	3.00
3	Anti-poaching/depredation squad with daily wage waters/staff/ POL/	Koira	N21 54 08.89	E85 14 39.93	5	5.60
4	Van Sahayak-2nos	Koira	N21 54 08.89	E85 14 39.93	1	2.66
5	Awareness promotion	Koira	N21 54 08.89	E85 14 39.93	1	0.50
6	Unforeseen expenditure					0.00
Total:-						14.38

92. Upgrading the Existing Road from Biramitrapur to Barkote NH-23. - Sundargarh District/Bonai Forest Division

SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Plantation of Fruit & Fodder Species on Both side of Animal Under passes (ANR Mode @ 600 plants per ha) (1st year operation)	East-Dandpart	N21 41 08.27	E84 53 46.8	20 ha.	7.68
2	Creation of water body	East-Dandpart	N21 40 10.8	E84 53 25.0	1 no.	4.00
3	Anti Depredation Squad	Bonai	N21 49 17.05	E84 57 06.53	1	21.00
4	Engagement of motivators, creation of awareness	Bonai	N21 49 17.05	E84 57 06.53	1	0.20
5	Elephant driving equipment, supply of crackers, search lights etc	Bonai	N21 49 17.05	E84 57 06.53	1	0.20
6	Creation of awareness for various activities	Bonai	N21 49 17.05	E84 57 06.53	1	0.20
7	Engagement of fire watchers	Bonai	N21 49 17.05	E84 57 06.53	5	2.33
8	Fuel & Maintenance	Bonai	N21 49 17.05	E84 57 06.53	10	1.10
9	Incentive to forest Fringe Villages	Bonai	N21 49 17.05	E84 57 06.53	1	0.10
10	Fire line tracing	Bonai	N21 40 54.6	E84 53 38.6	10	0.30
11	Fixing artificial Birdnest on both sides of the road for 25.66 KM					0.00
12	Creation of bird bath on both side of the road for 25.66 KM					0.00
13	Fixing artificial Birdnest on both sides of the road for 29.468 ha forest area					0.00
14	Creation of bird bath on both side of the road for 29.468 ha forest area					0.00
Total:-						37.11

93. National Highway Project from Remuli to Rajamunda. - Sundargarh District/Bonai Forest Division						
SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Assisted Natural Reeneration with Gap Plantation (200 plant/ ha) over 100 ha within Khajuridihi PRF (2nd year Maint.)	Khajuridihi PRF	N21 51 24.2	E85 15 50.20	100 Ha.	22.78
2	Anti-poaching-cum protection squad/Fire watchers 5 persons	Koira	N21 54 08.89	E85 14 39.93	10 (Unit).	11.20
3	Logistic such as camping facilities equipment/materials etc	Koira	N21 54 08.89	E85 14 39.93	10 (1 Unit)	3.30
4	Village informers 5 nos	Koira	N21 54 08.89	E85 14 39.93	1 No.	1.00
5	Corpus fund	Koira	N21 54 08.89	E85 14 39.93	1 No.	5.00
Total:-						43.28

94. Construction of Talcher-Bimalgarh New BG Rail link Project, Phase-II from 25.00 Km. to 153.90 Km. by E.Co. Railway. - Sundargarh District/Bonai Forest Division

SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
	Creation of water body	Kuliposh			1 no.	5.60
1	Planting of Fruit Bearing Trees with 1 Km Barbed wire fencing	Kuliposh	N21 47 24.9	E85 01 49.8	1nos.	1.58
2	Planting of Ficus Sp- Cuttings	Kuliposh	N21 47 24.9	E85 01 49.8	100 ha.	1.50
3	Fixation of Artificial Nest				LS	0.54
4	Deployment of Fire Fighting Squad.	Kuliposh	N21 47 24.9	E85 01 49.8	10 (1 Unit)	4.67
5	Deployment of anti-depredation Squad	Kuliposh	N21 47 24.9	E85 01 49.8	1no	21.00
6	Public Awareness	Kuliposh	N21 47 24.9	E85 01 49.8	2 nos.	0.50
7	Provision for Street light (solar)	Kuliposh	N21 47 24.9	E85 01 49.8	2 nos.	2.00
8	Providing alternate Fuel-LPG					0.30
9	Providing VHF Sets / Walki-Talky.					3.00
Total:-						40.69

95. San-Indpur Mines of M/s National Enterprises. - Sundargarh District/Bonai Forest Division						
SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Protection Camp with 10 people @ Rs.4,500/- per month per person x 120 months	Koira	N21 47 24.9	E85 01 49.8	10 person	11.20
2	Fire line 20 km @ RS.33,000/- per km & Maint. @ Rs. 10,000/- per km including making of brush wood piles	Koira	N21 47 24.9	E85 01 49.8	20Km	6.60
3	Fire watcher 20 @ Rs. 4,500/- x 5 months x 10 year	Koira	N21 47 24.9	E85 01 49.8	20 person	9.33
4	Elephant Tracker 4 nos @ 6,000/- x 10 yrs.	Koira	N21 47 24.9	E85 01 49.8	4 person	4.48
5	Promotion of Awareness (Exposure visits Signage, Meeting and seminars Prizes)	Koira	N21 47 24.9	E85 01 49.8	1 No.	1.00
6	Safeguard along road (Signage)	Koira	N21 47 24.9	E85 01 49.8	1no.	0.30
7	Watch Tower in Mendhamaruni PRF with all facilities	Koira	N21 47 24.9	E85 01 49.8	1no.	25.00
8	Biodiversity study to be repeated at an interval of every three years including cost of Camera Trap					0.00
Total:-						57.91

96. Mahulsukha Mn. Mines AMTC Ltd. - Sundargarh District/Bonai Forest Division						
SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Habitat Improvement measures with fruit fodder and cover species/ bamboo plantations/ meadow development/ANR/staggered trenches in forest area (0th Year)	Sarkunda and	N21 51 05.2	E85 06 59.1	30 Ha	10.21
2	Water storage dam 2m high on upper reaches of Sarkunda nala with concrete spill way & earth dyke	Sarkunda Nala	N21 51 05.2	E85 06 59.1	1no.	15.00
3	Salt licks = 5 nos	Barsuan	N21 51 05.2	E85 06 59.1	1no.	0.50
	Rubble Check dams 200 in upper reaches of tributaries Sarkunda nala and soil and moisture conservation measures in forest area to avoid silting up nalas and revive two nalas originating from the ML area	Sarkunda Nala	N21 51 05.2	E85 06 59.1	100 nos.	7.50
	Creation of fire lines and maintenance of old fire lines/fire fighting equipments / fire fighting squads/ incentive to VSS for prevention of fire as encouragement incentive	Barsuan	N21 51 05.2	E85 06 59.1	1 no	2.50
	Tracker 3 nos	Barsuan	N21 51 05.2	E85 06 59.1	3 nos	3.25
	Elephant watch 2 nos with equipment and drive	Barsuan	N21 51 05.2	E85 06 59.1	2 nos.	2.00
	Solar street light 20 nos	Barsuan	N21 51 05.2	E85 06 59.1	20 nos.	4.00
	Van Sahayak 2 nos for protection work	Barsuan	N21 51 05.2	E85 06 59.1	2nos.	2.24
	Signage	Barsuan	N21 51 05.2	E85 06 59.1	1no.	0.20
2	Promotion of awareness	Barsuan	N21 51 05.2	E85 06 59.1	1no.	0.50
3	Unforeseen & misc.					0.00
Total:-						47.90

97. Kamanda Steel Plant M/s Rungta Mines P.Ltd. - Sundargarh District/Bonai Forest Division						
SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	For Maintenaning the stability of the forest and habitat of the surrounding ANR plantation will be raised over 10 ha in Karo RF @Rs.46,118.1/- x 10 ha for 10 years maintenance (0th & 1st year)	Karo RF	N21 54 08.89	E85 14 39.93	10 ha.	2.80
2	Soil Moisture Conservation by creation of water retening dam preferavly in the Karo RF	Karo RF	N21 54 08.89	E85 14 39.93	1	12.60
3	05 nos of fire watchers will be engaged a period of 5 months (Feb to March) @ Rs.9,240/- per month with two fire blowers @ Rs.1,20,000/- each	Koira	N21 54 08.89	E85 14 39.93	1	3.53
4	Fire Protection measures in ZOL of the wildlife project 1 KM fire line @40,000/- and maintenance @ 15,000/- for 9 years	Koira	N21 54 08.89	E85 14 39.93	1	0.40
5	To identify the movement pattern of the wildlife 1 nos of anti-depredation squad (5 persons) will be engaged + vehicle + POL + others incidental charges	Koira	N21 54 08.89	E85 14 39.93	1	13.00
6	Reward to informer/ I.E.C materials	Koira	N21 54 08.89	E85 14 39.93	1	1.00
7	Establishment of a control room /VHF/others equipment /software/app etc. at division HQ to monitor the elephant movement on 24x7 basis which will also act as an early warning system to prevent human elephant conflict	Bonai Division	N21 54 08.89	E85 14 39.93	1	7.49
Total:-						40.82

98. Gomardihi Dolomite Quarry of Tata Steel Ltd. - Sundargarh District/Rourkela Division

Sl. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Artificial regeneration over 50 ha ANR (3rd year)	Gudiali RF			50 Ha.	1.70
2	Deployment of fire watcher	Division			6 Nos. (1 Unit)	2.50
3	Creation of fire line	Division			LS	0.80
4	Provision of Corpus fund	Division			LS	5.00
5	Creation of Awareness	Division			LS	0.50
6	Solar Street Lights & Portable Solar lights					0.00
7	Anti-poaching-cum-Anti-depredatiion squads	Division			1 Squad	10.92
8	Logistic support					0.00
9	Collection of Inteligence to curb Wildlife offences					0.00
10	Monitoring & Evaluation					0.00
11	Provision of POL and contingencies					0.00
Total:-						21.42

99. Rourkela to Raigarh 400KV DC transmission line by PGCIL Ltd. - Sundargarh District/ Rourkela Division

Sl. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3			4	5
1	Anti-depredation squads	Division			10 nos.of squad	11.34
2	Corpus fund -					0.00
3	Solar powered fencing - maintenance					0.00
4	Fire watchers 5nos. X 5 months	Division			5 nos.	2.33
5	Fire control equipments					0.00
6	Salt-lick					0.00
7	Awareness promotion					0.00
8	ANR 3rd yr @ 3384	Datni RF			50 ha	1.79
9	Provision for hardware					0.00
10	Provision for wildlife treatment equipment					0.00
11	Capacity building of forest staff					0.00
12	Solar street light					0.00
Total:						15.46

100. Biramitrapur to Barkote NH-23 - Sundargarh District/ Rourkela Division						
Sl. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Anti-depredation squads	Division	22 13 6.281	84 48 28.008	1 squad (10 person)	14.64
2	Improvement of Forest area on Silvicultural Operation, Climber Cutting in Kukia RF (100 ha x 5 x 303.40)	Kukia RF	21 54 20.031	84 52 25.105	100 ha	3.78
	Plantation of fruit & Fodder Species on Both sides of Animal Under passes. (ANR Mode @600 plants per ha.)	Kukia RF	21 54 20.031	84 52 25.105	LS	1.50
3	Creation of Large water bodies 2 nos					0.00
5	Engagement of Motivators, creation of awareness	N. Champajharan RF	22 13 6.281	84 48 28.008	LS	0.10
6	Elephant driving equipments, supply of crackers, search light	Division	21 52 13.713	84 55 36.187	LS	0.20
7	Creation of awareness through various activities (display signboard)	Banki Range	22 13 6.281	84 48 28.008	LS	0.20
8	Wages of fire watcher 2 nos. for 5 months,	Division	21 52 13.713	84 55 36.187	1 No.	1.89
9	Fire fighting equipment					0.00
10	Incentive to Forest Fringe Village	Division	21 52 13.713	84 55 36.187	LS	0.10
11	Fire line tracing	Banki Range	21 52 13.713	84 55 36.187		0.25
12	Intelligence collection	Banki Range & Biramitrapur Range	21 52 13.713	84 55 36.187	LS	0.10
13	Monitoring Evaluation	Banki, Kuarmunda & Biramitrapur Range	21 52 13.713	84 55 36.187	LS	0.20
Total:-						22.96

101. Rimuli to Rajamunda NH - Sundargarh District/Rourkela Division						
Sl. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Creation & Maint. of waterbodies	Jharbeda RF	22 2 51.636	84 59 41.641	1 no.	1.50
2	Weed eradication & fodder plantation (10 ha ANR mode)	Thelakudar RF	21 59 9.538	84 58 12.403	10 ha	1.20
3	Plantation of fruit bearing trees around the water body, 2500 plants	Thelakudar RF			2500 nos.	0.25
4	Provision of camping	Division	22 13 6.281	84 48 28.008	LS	3.00
Total:-						5.95

102. Expansion of Sambalpur-Sundargarh-Rourkela Road (State Highway-10) from existing 2-laning to 4-laning (4/900 km to 167/400 km) by the Executive Engineer, Sundargarh (R & B) Divn- Sundargarh District/Rourkela Division

Sl. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	1- Preparation and fixing of 100 numbers of artificial nests for Avi-Fauna @ 500/-.					0.00
2	2- Creation and maintenance of Water holes.					0.00
3	3- Providing of Animal confinement Cages.	Division			LS	0.40
Total:-						0.40

103. Construction of Talcher-Bimalgarh New BG Rail link Project, Phase-II from 25.00 Km. to 153.90 Km. by E.Co. Railway - Sundargarh District/Rourkela Division

Sl. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Creation of Water Body- 3 Nos. (Dhanghara RF-2 Nos & Jharbeda RF-1).				1 No.	5.60
2	Planting of Fruit bearing trees with 1 km Barbed wire fencing- 1 ha.				1 ha	2.42
3	Planting of Ficus Sp- Cuttings -500 Nos.				100 nos.	1.50
4	Soil & moisture Conservation (SMC)-100 Nos.				100 nos.	5.60
5	Creation of Grass land- 5 ha.				5 ha.	1.75
6	Fixation of Artificial Nest- 1200 Nos.				1200 nos.	0.46
7	Deployment of fire fighting squad- 1 Nos. (Lahunipada Range)				1 No.	4.60
8	Deployment of anti-depredation squad-1 unit.				1 No.	20.58
9	Protection Camp-1 Nos.				1 no.	20.00
10	Provision for assessories: Search lights 20 Nos. @ Rs.10,000/-				20 Nos.	2.00
11	Trap Camera- 10 Nos.				10 Nos.	2.50
12	Crackers @ Rs.25,000/- per 10 years.				LS	2.50
13	Public Awareness -20 Nos.				2 nos.	0.25
14	Provison for Corpus Funds.				LS	0.50
15	Mobile Veterinary Service Unit- 1 No.				LS	6.14
16	Provision for Street light (Solar)- 4 Nos.				LS	2.00
17	Providing alternate Fuel-LPG-50 Nos.				LS	0.30
18	Logistic Supports: Providing VHF set/Walki-Talky- 15				LS	1.80
19	Providing GPS (Garmin)- 10 Nos.				LS	1.50
Total:-						82.00

104. Gopalpur -Jharsuguda Rail Line Project of SE Railway - Sundargarh District/ Sundargarh Division						
SL. No.	Component	Locations	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	ANR Pltn. 17-18	Gopalpur-100 Hemgir-50			150 Ha.	1.40
2	Provision of Hired Vehicle	Gopalpur Range			1 no.	5.04
3	Corpus Fund	Gopalpur Range			LS	3.00
4	Equipments to deal with Elephant depredation cases, such as supply of Crackers/search Lights.	Gopalpur Range			LS	3.00
5	Logistics such as fuel, Search light, weapons, Campgning materials	Gopalpur Range			1 no.	0.50
6	Anti-Poaching Squad	Gopalpur Range			1 Unit (10 person)	2.35
Total:-						15.29

105. Rourkela-Raigarh 400 KV D/C Transmission line by PGCIL Ltd. - Sundargarh District/ Sundargarh Division

SL. No.	Component	Locations	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Anti-Depredation Squad					0.00
2	Hiring Vehicle					0.00
3	Corpus funds.					0.00
4	Solar power fencing					0.00
5	Fire watcher	Sundargarh/ Ujalpur/ Bargaon Range			5 nos.	2.83
6	Fire Control Equipment (Blower)					0.00
7	WHS	Sundargarh Range Bargaon Range			1	5.96
8	Salt licks					0.00
9	Awareness Promotion	Sundargarh/ Ujalpur/ Bargaon Range			3	1.50
10	ANR -Plantation	Hemgir Range			50 ha.	0.47
11	Capacity building					0.00
12	Solar Street Light					0.00
13	Contingency					0.00
Total:-						10.76

106. Rehabilitation & Upgradation of Tileibani- Sambalpur Section of NH-6 - Deogarh District/Deogarh Division						
SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	planting of fruit and fodder species (3rd year maintenance)	Pradhanpat-5ha, Rambhadevi-5ha	N 21 34 59.7 N 21 29 32.6	E 84 42 24.7 E 84 43 19.6	10 ha 11 ha	0.36
2	Improvement of waterhole	throughout Division			4	0.80
3	Deployment of antidepredation squad (year round)	Deogarh	N 21 32 51.0	E 84 44 22.8	1/2 unit= 5 person	9.68
4	Monkey/bear management unit (8month/yr)	Deogarh	N 21 32 51.1	E 84 44 22.9	1/2 unit= 5 person	5.52
5	cattle immunization programme	Whole Division			3 nos	0.60
6	Activation of VSS and incentive thereof	Whole Division			LS	1.50
7	Public Awarness	Whole Division			LS	0.30
Total:-						18.76

107. Rehabilitation & Upgradation of Binjabahal-Tileibani Section of NH-6 - Deogarh District/ Deogarh Division						
SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Habitat Improvement 1- Block plantation (AR)@ 800 plants per ha. In Bald hill norm (3rd year Maintenance)	Barkote-160 Ha. Pallahara-60 ha.	N 21 33 55.2	85 06 01.0	220 Ha.	4.64
2	2- ANR Gap plantation @ 200 plant/ha. (3rd year maintenance)	Barkote near Pacheripani near kalla section	21 38 32.4 21 32 01.5 21 33 14.6 21 31 46.0 21 26 43.6	84 56 51.3 84 50 40 85 02 33.1 85 17 18.7 85 09 46.2	20 Ha.	7.28
3	3- Water body/Game tank	Badatalia KF	21 38 32.4	84 56 51.3	1 No.	4.00
4	4- Desiltation of existing water bodies.	Whole Division			2 Nos.	4.00
5	Providing modern equipment LED long range rechargeable torch lights etc.	Whole Division			LS	0.85
6	8- Anti-depredation squad	Deogarh	N 21 32 51.1	E 84 44 22.9	1 Unit	18.52
7	Fire Protection: 9- (i) Deployment of fire watcher 5 nos. for five fire months	Deogarh, Barkote, Pallahara	N 21 32 51.1	E 84 44 22.9	3 Unit	9.46
8	(ii) Deployment of fire fighting squad with hired vehicle for five fire months over the plan period	Deogarh, Barkote, Pallahara	N 21 32 51.2	E 84 44 22.10	3 unit	25.24
9	(iii) Purchase of POL for blower	Deogarh Division	N 21 32 51.1	E 84 44 22.9	3 unit	1.65
10	Capacity Building: Training of VSS members, villagers, SHG groups	Whole Division			LS	0.60
11	Awareness camp.	Whole Division			LS	0.80
12	12- Monitoring and Evaluation and GIS based Map preparation of the study area.	Whole Division			LS	0.20
Total:-						77.24

108.Esst. Of 2x600 MW Thermal Power Plant by M/s JITPL in Dirang Village:- Deogarh Division

SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	1 No. of Fire Control Squad deployment during fire season from February to June for 5 Ranges (1 x Rs.150 x 30 x 5 yrs)				1 No.	1.75
2	Water body renovation in the foothills of Tamakia PRF				1 No.	3.00
3	Staggered Trenches , Loose Boulder Structure, Halfmoon Trench Gully plugging by vegetative method for Tamkia RF	Tamkia RF			LS	5.00
4	1 No. Barking deer and other ungulates populated forest blocks (1 x Rs.15,000 x 10)				1 No.	0.45
5	Creation of Corpus fund				LS	25.00
6	Awareness drive and signboards				LS	0.60
Total:-						35.80

109. Talcher Bimalagarh B.G RAIL Link Project - Deogarh District/ Deogarh Division						
SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Creation of Water Body- 4 Nos. (Thianal RF, Pangoli RF).	Thianal RF & Pangoli RF			2	11.20
2	Planting of Fruit bearing trees with 1 km Barbed wire fencing- 1 ha.				1 Ha.	9.09
3	Planting of Ficus Sp- Cuttings -500 Nos.				500 Nos.	1.50
4	Soil & moisture Conservation.				3 No.	5.60
5	Deployment of one fire fighting squad- 2 Nos. (Khamar/Barkote Range)				2 Nos.	11.80
6	Deployment of anti-depredation squad-2 unit (Talcher Range)				2 Nos.	41.16
7	Construction of Protection Camp-2 Nos.				1 No.	20.00
8	Solar fencing to Protection Camp- 2 Km.				2 km	7.60
9	Erection of VHF Tower-2 Nos.				1 No.	3.00
10	Provision for assessories: Search lights 10 Nos. @ Rs.45,000/-				10 Nos.	4.50
11	Binocular/Night Vision- 6 Nos.				6 Nos.	5.40
12	Crackers- 10 Nos.				10 Nos.	2.50
13	Public Awareness -20 Nos.				5 Nos.	0.50
14	Provison for Corpus Funds.				LS	0.50
15	Mobile veterinary Service unit- 1 No.				1 unit	6.14
16	Provision for Street light (Solar)- 8 Nos.				8 Nos.	4.00
17	Providing alternate Fuel-LPG-50 Nos.				50 Nos.	1.50
18	Logistic Supports: Providing VHF set/Walki-Talky- 15 Nos.				5 Nos.	3.00
Total:-						138.99

110. Gopalpur Jharsuguda Railine Porject by S.E Rly. - Jharsuguda District/Jharsuguda Division						
SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	(a) Wages of Anti-Poaching-cum-Anti-depredation squad 5 Persons	Jharsuguda Range	N-21-50-46.0	E-83-59-20.08	1 no.	7.54
2	(b) Logistic such as Fuel, Search Lights, Weapons and Camping materials etc.	Division Office	N-21-49-25.17	E-84-00-45.54	1 no.	0.50
3	Water holes for bird bath					0.00
4	Monitoring and Elephant Tracking (12577.40 x 10 nos. x 12 month)					0.00
5	Anti-depredation equipment					0.00
Total						8.04

**111. Rourkela to Raigarh 400 KV D/C transmission line by PGCIL - Jharsuguda District/
Jharsuguda Division**

SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	(a) (one each in Sundergarh/Rourkela/Jharsuguda Division) each squad having 10 nos. of local youth will be engaged @ Rs. 4500/- per month for 10 years (Rs. 54 lakhs per Division × 3)					0.00
	(b) One hired vehicle (Scorpio) with POL etc to be supplied by PGCIL to Jharsuguda Division @ Rs. 40,000/- per month × 120 months	Division Office	N-21-50-46.0	E-83-59-20.08	1 Unit	6.00
2	Corpus fund (Rourkela - 10 Sundargarh- 10, Jharsuguda-10 lakhs)					0.00
3	Solar powered fencing around crop fields in badly affected villages 10km in each Division @ Rs. 3.00 lakh/Km + Rs. 10,000/- for maintenance for nine years × 3 Division	Belpahar Range	N-21-48-25.90	E-83-30-26.40	2 Rkm	2.00
4	(a) Fire Watchers (Sundergarh - 5), Rourkela-5, Jharsuguda-5 nos. for 5 months @ Rs. 4500/- each.	Belpahar Range	N-21-48-25.90	E-83-30-26.40	1 No.	2.33
	(b) Fire control equipments Rs 5.00 lakh per Division (5.00 lakhs × 3 Division)	Belpahar/ Brajrajnagar Range	N-21-48-25.90 N-21-48-5.42	E-83-30-26.40 E-83-55-13.98	2 Nos.	1.10
5	Water Harvesting Structure @ Rs. 10.00 lakh per WHS, one in each Division					0.00
6	Salt-licks 10 nos, @ Rs. 50,000/- each (Sundergarh-4, Rourkela-4 & Jharsuguda-2 nos.)					0.00
7	Awareness promotion	Belpahar/ Brajrajnagar Range	N-21-48-25.90 N-21-48-5.42	E-83-30-26.40 E-83-55-13.98	5 Nos.	0.50
8	(a) Assisted Natural Regeneration over 200 ha @ Rs. 22,200 ha. (Sundergarh-50 ha, Rourkela- 50 ha and Jharsuguda-100 ha)	Belpahar/ Brajrajnagar Range	N-21-48-25.90 N-21-48-5.42	E-83-30-26.40 E-83-55-13.98	100 Ha.	3.48
	(b) Soil Moisture Conservation over 200 ha (100 ha in Jharsuguda, 50 ha in Rourkela and 50 ha. In Sundargarh Division) 40 man days per ha with 3 years maintenance @ 10 man days per ha.					0.00
9	(a) Radio telemetry studies on elephant movement and habitat utilization pattern with monitoing provision Rs 10.00 lakhs × 3 Divisions					0.00
	(b) Provision for Hardware etc Rs. 10.00 lakhs per Division					0.00
10	(a) Provision for Wildlife teatment equipments (Rs. 8.00 lakhs per Division)					0.00
	(b) Computer with accessories and Xerox machine to be supplied to RCCF's Officer (Rs. 6.00 lakhs for computer and Xerox machine to be procured by PGCIL and supplied to RCCF's Office, Sambalpur)					0.00
	(c) Provision of one DG Set (30 KV) to be procured by PGCIL and supplied to DFO, Jharsuguda					0.00
11	(a) Capacity Building of Forest Staff @ Rs.1.00 lakh per Division					0.00
	(b) Solar Street Light to be provide in selected villages- one per Division @ 15.00 lakhs × 3					0.00
12	Contigencies & Unforeseen					0.00
Total						15.41

112. Samaleswari Coal Project of MC - Jharsuguda District/ Jharsuguda Division						
SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	2nd year maintenance of Habitat improvement by developing grass lands, Plantation fruit bearing and fodder species in the gaps and barren areas of the suitable govt. and Private lands @ Rs.65,000/- per ha. Covering 100 ha + 10 ha. Meadow @ Rs.15,000/- per ha. (maintenance for 7 years)	Brajrajnagar			10 ha.	2.40
2	Soil and moisture conservation measures, check dams on the nallahs, water ways, rivulets etc.					0.00
3	Development of game ponds-2 Nos. each Rs.7 lakh with maintenance					0.00
4	(d) Anti-depredation squads with vehicle @Rs.2 lakhs per including 4 daily wages labourers, POL etc. for 10 years.					0.00
5	Crop manipulation and introduction of depredation resistant species of crops for					0.00
6	(a) Solar fencing and maintenance					0.00
7	(b) Solar lighting, camouflaging to avoid disturbance to animals					0.00
8	Income generation activities (eco-development in the villages)	Brajrajnagar	N-21-48-5.42	E-83-55-13.98	1 No.	0.50
9	Farm forestry and distribution of seedlings to villagers Rs.1 lakh per year for 10 years,	Brajrajnagar	N-21-48-5.42	E-83-55-13.98	1 No.	1.00
10	Awareness promotion Rs.1 lakh per year for 10 years	Brajrajnagar	N-21-48-5.42	E-83-55-13.98	1 No.	0.25
11	Watch tower to observe fires, poaching, ecotourism etc. purposes -2 Nos.-3 lakhs per watch tower.					0.00
12	Monitoring of water, dust and noise pollution for a special team under the supervision to DFO in consultation with Pollution Control Board-1 lakhs per year.	Brajrajnagar	N-21-48-5.42	E-83-55-13.98	1 No.	1.00
13	GIS based maps and posting of pillars around project area Satellite maps on GIS domain should be procured from ORSAC every year to know the changing profile of the project area in both dry season and wet season-1 lakh per year for 10 years + assessment of wildlife status in the area every year.	Brajrajnagar	N-21-48-5.42	E-83-55-13.98	2 Nos.	1.47
14	Compassionate grant contribution, anti-depredation and miscellaneous activities to corpus fund-Rs-1 lakh per year.					0.00
15	Fast moving vehicles for monitoring patrolling including POL for 10 years.	Brajrajnagar	N-21-48-5.42	E-83-55-13.98	1 No.	2.00
16	Fire prevention measures-1 lakh per year	Brajrajnagar	N-21-48-5.42	E-83-55-13.98	LS	0.50
17	Incentives to Informants and intelligence collection.	Brajrajnagar	N-21-48-5.42	E-83-55-13.98	1 No.	0.30
18	Garbage disposal					0.00
19	Pollution study and analysis (Water, air & noise) under supervision Of DFO and guidance by the Pollution Control Board, Bhubaneswar					0.00
20	Engagement of elephant tracker (2 Nos.) for 10 years.					0.00
21	Delineation of corridor and provision for signage and hoardings, Reforestation & relocation of corridors.					0.00
22	Infrastructure for interpretation/aids equipments drinking water facility, purchase of spotlights in crackers, maintenance on-foreseen expenditure etc. for interpretation & depredation control.					0.00
23	Training workshop of villagers and leading youth of locality on wildlife menaces and their management with incentive schemes against activities damaging the habitat such as grazing and fire. It is proposed to award adjoining VSS/EDC through incentive for protecting the forest and conservation the wildlife from grazing and fire @Rs.10,000/- per year (for 10 years -3camps/year + (For training workshop)	Brajrajnagar	N-21-48-5.42	E-83-55-13.98	1 No.	0.50
24	Cost of seeds/ horticultural plants to encourage surrounding villages to drive the pattern of cropping to reduce elephant menace.	Brajrajnagar	N-21-48-5.42	E-83-55-13.98	LS	0.50
25	Saltlick & other wildlife conservation measures					0.00
26	Miscellaneous					0.00
27	Unforeseen expenditure					0.00
Total:-						10.42

113. Talabira II & III (OCP) of M/s NLC India Ltd - Jharsuguda District/ Jharsuguda Division

SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Enrichment of Habitat					0.00
2	Barbed wire Fencing-6 RKM					0.00
3	LBCD (3m Span)	Rajpur PRF			100 Nos.	5.00
4	LBCD (4m Span)	Rajpur PRF			25 Nos.	1.75
5	Planting of Fruit & Fodder plants in ANR with Gap Planting @ 400 plants mode-50 ha.	Katikela RF	N-20-47-25.0	E-84-03-45.0	50 Ha.	19.00
6	Creation of water holes-20 Nos.	Katikela RF	N-20-48-20.0	E-84-04-12.0	10 Nos.	3.00
7	Creation of Water Harvesting Structure	Badkhalia PRF & Mahulmunda PRF	N-21-50-30.0	E-84-05-20.0	1 No.	6.12
8	Protection against Unguarded Well-100 Nos.					0.00
9	Soil & Moisture Conservation-100 Ha.	Katikela RF			50 Ha.	3.50
10	Fireline maintenance	Katikela RF	N-21-48-10.0	E-84-04-12.0	10 RKM	0.47
11	Providing Blowers-5 Nos.	Division Office	N-21-47-20.0	E-84-03-45.0	5 Nos.	3.00
12	Maintenance of Blowers-5 Nos.	Division Office	N-21-49-25.17	E-84-00-45.54	5 Nos.	0.50
13	Fire Watchers-2 Nos.	Katikela RF	N-21-49-25.17	E-84-00-45.54	2 Nos.	0.93
14	Nest (with Bamboo)-300 Nos.					0.00
15	Placing of Roosting poles-80 Nos.					0.00
16	Fixing of Roosting Wires-300 Nos.					0.00
17	Cylindrical Wire mess with Bamboo Stand-400 Nos.					0.00
18	Devlopment of Bird Habitat-733.39 Rkm/Plants No.					0.00
19	Deployment of anti-depredation Squad-1 Unit	Division Office	N-21-50-46.0	E-83-59-20.08	10 Nos.	20.58
20	Construction of a staff Barrack with logistic support-1 No.		N-21-49-25.17	E-84-00-45.54		0.00
21	Animal Rescue Kit-1 set.					0.00
22	Incentive to VSS-10 Nos.	Division Office			1 No.	0.50
23	Awarness Camp-10 Nos.	Division Office	N-21-49-25.17	E-84-00-45.54	1 No.	0.20
24	Printing of IEC materials-10 Annual	Division Office	N-21-49-25.17	E-84-00-45.54	1 No.	0.30
Total:-						64.85

114. Lajkura OC Expansion Coal Project.- Jharsuguda District/ Jharsuguda Division						
SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Improvement of Forest cover by ANR activities along with gap plantation of fodder species over 283.50 ha at Lariapali DPF @ 22,200/- per ha. (With wage rate of 150/day).					0.00
2	Creation of two large water body within the treatment area @ Rs.10.00 lakh.	Lariapali DPF, Rajpur PRF	N-21-46-50.0 N-21-52-18.5	E-84-16-18.0 E-83-51-11.8	2 nos	12.32
3	Creation of alternate habitat for Avi-fauna.					0.00
4	Wages of Fire fighting Squad 5 Nos for 10 years @ 6000/- for 5 months/year.					0.00
5	Hiring of Vehicle and cost of POL for movement of Fire Fighting Squad.					0.00
6	Fire Fighting equipments.					0.00
7	Fire line tracing and maintenance 10 kms per year @ 5000/- per km., (10 x 5000 x 10 years)					0.00
8	Equipments to deal with Animal/Elephant depredation cases and supply of Crackers/Search Lights etc.	Division Office	N-21-50-46.0	E-83-59-20.08	LS	1.00
9	Creation of Awareness through various activities.	Division Office	N-21-50-46.0	E-83-59-20.08	LS	1.00
10	Corpus fund for quick payment of compassionate grants.	Division Office	N-21-50-46.0	E-83-59-20.08	LS	5.00
11	Wages of Anti-poaching-cum-Anti-depredation Squad along with other incidental expenditures.	Division Office	N-21-50-46.0	E-83-59-20.08	1 no	12.68
12	Provision of Boat for patrolling in Hirakud Dam.					0.00
13	Wildlife Crime cell.					0.00
14	Monitoring and evaluation.	Division Office	N-21-50-46.0	E-83-59-20.08	LS	1.00
15	One Watch Tower -cum- Barrack.					0.00
16	Staff Training and Capacity Building.	Division Office	N-21-50-46.0	E-83-59-20.08	LS	1.00
17	Awareness Centre at the Circle Office.					0.00
Total:-						34.00

115. Aluminium Smelter Plan by Aditya Aluminium - Samalpur District/Sambalpur Division						
Sl. No	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Development of Fragmented patch of forest to connect different forest block through ANR practices and plantation of fruit/fodder/palatable species @ 1000 Plant/Ha. @ 50990/ Ha. For 275 Ha. In forest corridor (Annex-1) 200 Ha					0.00
2	(i) 4th year Maintenance 45 Ha. ANR @ 200 Seedlings/Ha	Jharghati- Garpati RF	21-35-13.2	84-07-50.4	45 Ha	0.60
3	(ii) 5th year Maintenance 60 Ha. ANR @ 400 Seedlings/Ha	Tangarpali VF	21-36-51.8	84-09-53	60 Ha.	1.55
4	Fire prevention measure with fire line creation maintenance, fire fighting equipment, incentive to VSS, Fire watcher, squad, etc.					0.00
5	Unforeseen				LS	1.00
6	Biodiversity monitoring & development of communication network / GIS base Map	Division Office	21-27-34.31	83-58-41.02	LS	2.00
7	Measure to improved green covering corridor- in peripheral area, health camps, awareness proportion engagement of motivators, training & capacity building on alternate livelihood & supply of kits/ machine etc. to local village for Sal leaf & mushroom production.	Gumloi	21-36-46.00	84-09-7.1	LS	5.00
Total:-						10.15

116. Talabira I OCP - Sambalpur District/ Samabalpur Division						
SI No	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Forest Protection (Van Sahayak)					0.00
2	Watch & Ward for fire prevention					0.00
3	Public Awareness and Capacity Building	Rengali	21-38-11.6	84-02-38.9	1 Nos	0.30
4	Weed Control					0.00
7	(a) Game Tank					0.00
8	(b) Salt lick for 3 years		21-39-6.6	84-00-26.6	2 Nos	0.40
9	(1) Plantation 4th Year maintenance for 75 ha. @ 200 plant/Ha.(Food & Coverage)	Maulabhanjan RF	21-39-6.6	84-00-26.6	75 Ha.	2.55
10	(2) Seeding of Grass-100 ha. (for 4th years) De-weeding control being & sowing of grass	Ghichamura-Jarmal	21-42-19.4	84-08-49	10 Ha.	1.00
11	Van Sahayak-2 Nos	Rengali	21-38-11.6	84-02-38.9	11 Ha.	1.20
12	Moisture Conservation(Contor trench and Check dam)					0.00
13	Public Awareness and Capacity Building	Rengali	21-38-11.6	84-02-38.9	LS	0.40
14	Fire prevention(5 watchers) for 5 month and Incentive to VSS	Rengali	21-38-11.6	84-02-38.9	1unit with 5 Nos	0.50
15	Anti depredation Squad- 2 persons	Rengali	21-38-11.6	84-02-38.9	2 Nos	0.54
16	Corpus Fund	Division	21-27-34.31	83-58-41.02		1.00
17	Livelihood Improvement and Incentive to VSS/SHG	Gumloi	21-36-46.00	84-09-7.1	LS	1.50
18	Pollution control & developing alternative to plastics through SHG	Division	21-27-34.31	83-58-41.02	LS	1.00
19	Solar Fencing maintenance	Rengali			LS	0.30
20	Unforeseen					0.00
Total:-						10.69

117. 4 Laning of Angul-Sambalpur Section (NH-42) - Sambalpur District/Samabalpur Division						
Sl. No	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3			4	5
1	Planting of food and fodder species (ANR) with 600 plants/per ha. (3rd Year Maint.)	Paltandera Chandirimal (Jujumura), Nua Muhulpali, Hatibari, Bhabanipali, Jhankarpali	21-13-30.9 21-23-34.47 21-22-52.7 21-20-15.0 21-18-02.7	84-08-48.7 84-03-23.41 84-03-53.1 84-07-8.2 84-05-12.6	20 Ha.	2.56
2	Creation of Water Body (WHS)					0.00
3	Deployment of Anti depredation squad	Jujumura	21-14-25.62	84-08-14.07	1 Unit	16.00
4	Creation of Public Awareness	Sadar	21-28-21.61	83-59-41.06	LS	0.20
5	Incentives to VSS	Jujumura	21-23-8.19	84-7-52.5	LS	0.20
6	Publication and Distribution of IEC materials	Sadar	21-28-21.61	83-59-41.06	LS	0.15
7	Sinking of Tube well					0.00
Total:-						19.11

118. 4 Laning of Tilebiani-Sambalpur Section (NH 06) - Sambalpur District/Samablpur Division						
Sl. No	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Elephant Proof trench					0.00
2	Deployment of Anti depredation squad	Padiabahal Range	21-26-45.7	84-09-8.6	1 Unit	16.00
3	Rescue Van and Rescue Kit					0.00
4	Placing of hoardings					0.00
Total:-						16.00

119. Talarira II & III (OCP) of M/s NLC India Ltd. - Sambalpur District/Sambalpur Division

SI No	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Enrichment of Habitat. 2nd year ANR with Gap plantation @200 plants (2nd year Maintenance - 50 Ha. & 3rd year Maintenance-50Ha.	Moulabhanja RF	21-39-30	83-58-15	100 Ha.	5.51
2	Creation of water Harvesting Structure					0.00
3	Soil & Moisture Conservation Moulabhanja RF, Jharghati-Garpati RF 100 Ha.					0.00
4	Fire line maintainance	Moulabhanja RF	21-39-00	83-58-20	10 RKM	0.42
5	Providing Blowers					
6	Maintenance of Blower	Rengali	21-38-11.6	84-02-38.9	5 Nos	0.50
7	Fire Watcher	Rengali	21-38-11.6	84-02-38.9	2 nos	0.94
8	Protection against Ungarded well					0.00
9	Nest. (With bamboo)					0.00
10	Placing of Roosting poles.					0.00
11	Fixing of Roosting Wires	Bheden River Site	21-45-18.8	83-58-58.7	15	0.00
12	Cylindrical Wire mess with Bamboo stand	Bheden River Site	21-45-18.8	83-58-58.7	20	0.00
13	Development of Birds Habitat (2nd Year)	From Bhogara Dunguri to Mines Fringe	21-42-30	83-57-30	8 RKM	0.00
14	Deployment of anti Depredation Squad	Rengali	21-38-11.6	84-02-38.9	1 unit	19.00
15	Construction of a Staff Barrack with logistic support					0.00
16	Construction of a Watch Tower					0.00
17	Animal Rescue Kit					0.00
18	Incentive to VSS		21-44-01.0	83-57-58.0	1 Nos	0.50
19	Awareness Camps	Rengali	21-38-11.6	84-02-38.9	1 Nos	0.20
20	Printing & distribution of IEC materials	Rengali	21-38-11.6	84-02-38.9	1 Year	0.30
Total:-						27.37

120. Rehabilitation and Up-gradation to 4-Laning of Angul- Sambalpur Section (KM112-to 265) NH 42 (Now NH-55) - Sambalpur District/Rairakhol Division

Sl. No.	Components	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Fruit & Fodder Species Plantation (ANR 400 seedlings per ha.(4th year maintenance.)	Tal-Kholgarh	21 8 51.17	84 08 43.23	50 Ha.	0.90
2	Fire Line creation				LS	1.67
3	Deployment of Fire fighting squad	Charmal	21 04 05.79	84 20 25.47	1 No.	8.11
4	Anti depredation squad	Redhakhoh & Charmal	21 04 05.79 21 06 42.14	84 20 25.47 84 12 49.43	2 No.	40.14
5	Public Awareness				LS	0.15
Total:-						50.97

121. Aluminium Smelter Plant & Captive Plant by M/s Aditya Aluminium - Sambalpur District/ Bamra WL Division						
SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Development of fragmented patch of forest to connect different forest blocks through assisted natural regeneration (ANR) practices and plantation of fruit/fodder/palatable species at the rate of 1000 plant per ha. To lure the elephants, @50,990.00 ha. For 275 ha. In the forest corridor (Annexure-1). (75 Ha.) (4th year Maint)	Kahapani RF, Kurmimunda DPF, Addl Kansar RF (Gourenghati), Badrama RF, Kendumunda PRF,			75 ha.	5.69
2	Excavation of staggered trenches inside ANR plantation over 275 ha. as a measure fo soil & moisture conservation (Annexure-VII) (75 Ha.) 2nd year Maint.	Kahapani RF, Kurmimunda DPF, Addl Kansar RF (Gourenghati), Badrama RF, Kendumunda PRF,			75 ha.	1.36
Total:-						7.05

122. Rehabilitation & Upgradation of Bhojpur to Chhatabar Section of NH-200 - Sambalpur District/ Bamra WL Division						
SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Construction/Maintenance of under pass	Bamra (WL) Division			LS	1.00
2	Awareness camps on Environment/Wildlife/Traffic discipline					0.00
3	Add 20% Esclanation:-					1.00
Total:-						2.00

123. Rehabilitation & Upgradation of Tileibani-Sambalpur Section of NH-6- Sambalpur District/ Bamra WL Division						
SL. No.	Component	Location	Geo-coordinates		Unit (In No/Ha/Km)	Allotment (Rs. In lakh)
			Latitude	Longitude		
1	2	3	4	5	6	7
1	Public awareness programme	Both side of NH 6			LS	0.20
2	De-silting of existing water body/ hole in side the sanctuary	-do-			LS	1.75
3	Barricading/Construction of Guard wall around open well with iron mess cover-15 nos.				LS	2.50
4	Placing of Hoardings- 10 nos.				LS	1.00
Total:-						5.45

Annexure III-I

Site Wise details of Vanya Silk Plantation @500 Plants/Ha. Under ANR Plantation

Sl No.	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	Longitude
1	Athmallik	Handapa Range Batipurunapani DPF	10	N 20.989837	E 84.656661
		Bamur Range Dohali KF	10	N 20.936727	E 84.443635
		Madhapur Range Gautampur KF	10	N 20.852827	E 84.375833
		Total-	30		
2	Dhenkanal	Tulasipasi VSS	12	20.93632	85.66292
		Godipokhari VSS	30	20.9573	85.65626
		Total-	42		
3	Cuttack	In Sukinda Range	50	20 57 32.84	85 52 37.71
		In Tomka Range	30		
		Bharandi of Dalijora Range	10	20 33 39.6	85 55 48.1
		Itapur of Jajpur Road Range	10	20 59 27.3	86 07 21.26
		Total-	100		
4	Boudh	Raipur VF	50	N 20.74077222	E 84.29988333
		Pankual VF	50	N 20.72433889	E 84.32982222
		Total-	100		
5	Bargarh				
		Total-			
6	Sundargarh	Itma RF	60	N22 09 01.4	E84 13 00.8
		Gadiajore DPF	40	22.042389	84.150195
		Total-	100		
7	Bonai	Khandadhar PRF	90	N21.773	E85.123
		Bijakuli-Beldihi DPF	10	N21.748	E84.860
		Total-	100		
8	Deogarh	Purnapani	50	N 21.506783	E 85.131576
		Mahulata	50	N 21.539769	E 85.168092
		Total-	100		
9	Keonjhar	Rangadihi Kha	6	21.5290556	85.4022778
		Nitigotha	6	21.668278	85.518306
		Kuanr	7	20.5308861	85.4287750
		Medinipur	15	21.3731111	85.7282222
		Gadadharpur	16	21.3797778	85.7318611
		Manaharpur]	10	21.5306111	85.7794167
		Kapaspada	11	21.5047778	85.8504444
		Badapichulabeda	12	21.5155556	85.6911111
		Baghabasa	20	21.2506250	85.5722194
		Tungurubahal	10	21.4464333	85.3508361
		Siriabahal	10	21.4187111	85.3610833
		Khandabandha	12	21.2230000	85.6190000
		Total-	135		
10	Baripada	Muchiasahi, Dhabadhabani, Bandhasahi, Murgaghutu, Itamundia etc.	25	N21.783355	E86.681309
		Deulia, Purunapani, Aghasole, Rangadiha, Gadgadi	25	N21.678915	E86.754358
		Biridihi	100	N22 9 56.0	E86 41 24.0

		Ichinda	50	N22 18 10	E86 31 29
		Jamukunda		N22 19 28	E86 30 26
		Pokpoka		N22 19 30	E86 30 19
		Total-	200		
11	Rairangpur	Khejuripada	80	22.14815	86.07221
		Jhumkapahadi RF	50	22.2490278	86.3981667
		Brahmani RF Kumbhirmundi	50	22.3369444	86.2115556
		Hatibari RF	20	22.2471111	86.2480833
		Total-	200		
12	Bolangir	Pandarapita	50	N20.66994	E83.46514
		Ganjaudar	50	N20.53292	E82.82308
		Budhachhapar	50	N20.701462	E82.743388
		Total-	150		
13	Khariar	Dharmsagar	20	20.40931	82.6995
		Khaliapada	20	20.64906	82.65717
		Total-	40		
14	Rayagada	Adarmajhi	5	19.364030	83.161633
		Kalakani	3	19.326100	83.226373
		Kalakani	4	19.32511	83.229075
		Kalakani	4	19.312189	83.221790
		Ladakhaman	4	19.480781	83.074665
		Total-	20		
15	Koraput	Laxmipur Alias Nalachua (Kutukajhola)	20	N18.97688	E83.137363
		Jamuguda	20	N18.992100	E83.269730
		Gangapaniguda	20	N18.480922	E82.997463
		Total-	60		
16	Jeypore	Banabeda	30	18.68722	82.49806
		Tanginikote	20	19.04444	82.73364
		Total-	50		
17	Nabarangpur	Sarguli PRF	18	N19 30 30.7	E82 17 20.5
		Kusumi PRF	20	N19. 38181	E82. 21786
		Bhalugongri	10	N19. 766489	E82. 229879
		Telnadi RF	20	N19. 743637	E82. 180947
		Hatigam RF	15	N 20. 02692	E82. 09046
		Gona	7.5	N 19. 922968	E82. 149055
		Sindhiguda	30	N 19. 324745	E82. 77985
		Chatupakna	29.5	N 19 39 18.8	E 82 30 04.4
		Total-	150		
18	Malkangiri	Karkatpalli	20	18.177577	81.799684
		Sudhakhunta	15	18.107283	81.918806
		Nakamamudi	15	18.22654	82.10929
		Kupliguda	20	18.34055	82.03492
		Tadimetla	30	17.87181	81.46808
		Rajulkonda	30	18.08550	82.12800
		Simagudi	20	18.405045	81.905241
		Total-	150		
	Grand Total		1727		

Annexure III-II

Site Wise details of Fodder & Fruit Plantation @500 Plants/Ha. Under ANR Plantation

Sl No	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	Longitude
1	Angul	Pathargarh PRF	50	20.906000	84.837280
		Devinagar PRF	50	21.07023	84.74399
		Kanloi PF	64	21.0906	84.74954
		Kuio RF	50	20.9142	85.07582
		Nanda RF	50	20.78302	85.02161
		Saharagoda,RF	80	20.76543	85.0332
		Rabipur, RF	80	21.00666	85.06664
		Chhendipada RF	100	21.070889	84.868417
		Total-	524		
2	Dhenkanal	Kapilash RF	32	20.40552	85.52475
		Total-	32		
	Cuttack	In Sukinda Range	40		
		In Tomka Range	30		
		Haridapal of Dalijora Range	15	20 41 22.4	85 56 21.8
		Barunia of Dalijora Range	15	20 39 52.6	86 00 13.8
		Total-	100		
4	Puri WL	Patanaikia	12	19.97509444	85.82767222
		Nipania	4	20.03548611	86.14955833
		Total-	16		
5	Nayagarh	Gochha RF C/18	150	19.94470	84.96090
		Total-	150		
6	Boudh	Podhal RF C/4	40	N 20.43044444	E 84.52311111
		Jajpur RF C/3	160	N 20.60861111	E 84.39786111
		Total-	200		
7	Gh. South	Panchabhuti "A" RF Compartment No.4 near Udayapur	50	N19 54 15	E84 50 39
		Kiriamba RF Compartment No.5 near Talasara	50	N19 48 51	E84 51 26
		Kiriamba RF Compartment No.13 near Mareipalli	50	N19 49 53	E84 51 14
		Bandhagochha RF Compt.No.1	50	N19 49 28.5	E84 24 50.7
		Raipada RF Compartment No.5 near Gunduribadi	50	N19 42 18.92	E84 27 13.25
		Badagada 'B' UDPF near Jali	50	N19 6125 71	E84 4754 67
		Merikote UDPF near Serakabandha	50	N19 41 33.76	E84 17 15.22
		Goudagotha UDPF near Dumula	50	N19 37 56	E84 17 48
		Total-	400		
8	Bamara WL	Betjharan RF	15	21 52 33.76	84 31 34.85
		Addl. Kansar RF	15	21 30 18.8	84 23 27.8
		Badkhalia	20	21 31 25	84 19 30
		Tulsidarha	20	21 29 53.76	84 15 22.68
		Devikhol	20	21 20 8.17	84 33 13.11
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		Total-	120		
9	Sundargarh	Dhangergudi RF	25	22.209262	83.719939
		Arjunda DPF	25	21.555000	83.442806
		Tilia DPF	25	22.26352	84.03462
		Bheluantikra DPF	25	21.889267	83.78521
		Total-	100		
10	Rourkela	Sonaparat R.F.	50	N22 10 17.4	E84 51 35.1
		Purunapani RF	50	N22 25 29.0	E84 48 11.8
		Datni R.F.	50	N22 17 42.7	E84 36 45.9
		Total-	150		
11	Bonai	Amrudhi PRF	50	N21.855	E84.009
		Padagoth DPF	50	N21.821	E84.840
		Total-	100		
12	Baripada	Sangadiha	50	N21 48 42	E86 53 54
		Ghanghana (Bisusole)	10	N22 5 11.0	E86 57 42.0
		Palo	20	N22 4 19.0	E86 56 30.0
		Pokapoka	30	N22 19 30	E86 30 19
		Barudihi, Badasahi, Rangadiha, Guabehera, GuhaldihiRautanisahi,	30	N21.720941	E86.731099
		Angargadia	30	N21 614508	E86.793797
		Ashrukhal	30	N21 30 0	E86 24 15
		Ashrukhal		N21 30 2	E86 24 19
		Ashrukhal		N21 30 11	E86 24 16
		Ashrukhal		N21 30 10	E86 24 12
		Ashrukhal		N21 30 6	E86 24 9
		Total-	200		
13	Rairangpur	Chaunradihi	20	22.0887	86.14091
		Kashiabeda	43	22.07888	86.10306
		Salai	50	22.53359	86.039268
	Rairangpur Total	Total-	113		
14	Subarnapur	Butukhaman	50	N20.971778	E84.191289
		Hatilimunda	100	N21.019853	E84.109306
		Total-	150		
15	Bolangir	Ganjaudar	30	N20.53267	E82.82369
		Sankhua	40	N20.94808	E83.52584
		Jaintara	50	N20.42002	E83.156877
		Belgaon	30	N20.31433	E83.30297
		Total-	150		
16	Khariar	Mundapala	10	20.13143	82.71561
		Darlipada	40	20.037857	82.527114
		Total-	50		
17	Sunabeda WL	Bandhapar	5	20.69865	82.43370
		Patora	3	20.73806	82.43444
		Khaliapada	6	20.71386	82.37402
		Bairbhadi	2	20.68281	82.44458
		Badei Att	2	20.65389	82.43539
		Bhaosil	2	20.65228	82.40631
		Kendulamer	5	20.54333	82.53667
		Jabdabanji	5	20.53917	82.51667
		Gadgada	5	20.46972	82.53667
		Nachinisil	5	20.56806	82.48389
		Kebdiam	5	20.49083	82.44944

		Bhumarmari	5	20.48611	82.43500
		Godbhata	5	20.51167	82.47750
		Chakla Nalla	5	20.56583	82.44778
		Jogimunda	5	20.50361	82.46861
		Total-	65		
18	Rayagada	Milkaonga	30	19.316280	83.907710
		Total-	30		
19	Koraput	Kasanguda	20	N18.911261	E82.699303
		Andurguda	20	N18.26916	E82.62159
		Jalaput	20	N18.457664	E82.539382
		Total-	60		
20	Jeypore	Haridaguda	50	19.04169	82.73667
	Jeypore Total		50		
	Grand Total		2760		

Annexure III-III

Site Wise details of RET/Medicinal Plantation @200 Plants/Ha. Under ANR Plantation

SI No	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	Longitude
1	Khordha	Manibandha RF	200	20.257861	85.380333
		Total-	200		
2	Boudh	Damargarh RF	60	N 20.84052778	E 84 .14985556
		Total-	60		
3	Gh. South	Gouduni RF	50	N19 42 21.8	E84 38 49.4
		Pakidi DPF near Narendrapur	50	N 19 31 28.1	E84 40 30.4
		Pakidi DPF near K Nuagam	50	N19 31 58.6	E84 39 08.0
		Ambadabana near Khirida	50	N19 59 2047	E84 59 0303
		Kumarsuni RF near Mangalpur	50	N19 46 34 30	E84 41 11.63
		Karchuli "B" RF Compartment No.3 near Karachuli	50	N19 50 45	E84 51 17
		Sodaka "B"DPF near Kendubadi	50	N19 43 9.7	E84 45 44.1
		Pandiripada RL near Nadiamba	50	N19 48 33.0	E84 55 26.0
		Bandhagochha RF Compartment No.2	50	N19 47 16	E84 25 17
		Raipada RF Compartment No.3	50	N19 710543	E84 486434
		Total-	500		
4	Berhampur	Panikhola	50	19.711972	85.142861
		Total-	50		
5	Parlakhemundi	Ayada	50	N 19 03 19.55	E 84 02 91.11
		Kattaguda	50	N 18 59 49.3	E 83 51 18.8
		Total-	100		
6	Rairakhol	Rasibeda PRF	25	21 08 15.82	84 12 10.70
		Landakot RF C/25-26	50	21 15 16.27	84 20 46.00
		RET Plantation Chadchadi PRF	50	21.17548333	84.73229444
		Rahan RF C.N.5	50	20.946251	84.259046
		Satsama PRF	25	21 09 35	84 07 51
		Total-	200		
7	Bamara WL	(Babuniktimal)	40	21 54 45.65	84 20 33.94
		Binjipali RF (Pudrakund)	40	21 52 1.51	84 27 51.34
		Binjipali RF (Babamatha)	20	21 35 59.04	84 14 14.59
		Badkhalia	20	21 38 37.59	84 12 49.46
		Ushakothi RF Compt No.7	20	21 31 37	84 12 19
		Kisinda	20	21 27 7.04	84 16 43.77
		Kinabaga	40	21 19 56.8	84 20 32.6
		Total-	200		
8	Sundargarh	Bramhani RF	50	N22 18 48.64	E84 2514.72
		Tilia DPF	50	22.2637	84.0348
		Kurumkel RF	50	22.085634	83.792596
		Bheluantikra DPF	50	21.889267	83.78521
		Total-	200		
9	Rourkela	Kapanda KF	2	21. 88185	84.85798
			3	21. 88 8576	84. 85 6233
		Andhari KF	5	N22 21 45	E84 38 45
		Total-	10		
10	Deogarh	Khuludi	50	N 21 22 19.6	E 85 17 43.8
		Total-	50		
11	Karanjia	Kadadiha RF	20	21.55	86.02
		Rasamtala	30	21.780558	86.007636
		Sarubhadi	25	21.76361111	86.09916667
		Sunaposi	25	21.96280556	85.92141667

		Badbil	25	21.49977778	86.20388889
		Khumthan RF	50	21.403666	86.18
		Satkosia RF Compt. No. 10	25	21.3201111	86.184325
		Total-	200		
12	Rairangpur	Khadambeda RF	25	22.16625	86.42569
		Jari RF Kukudimundi	100	22.2104	86.1759
		Kucheibudhi RF	30	22.292222	86.1982222
		Total-	155		
13	Kalahandi North	Gandbasa	25	N20 07 29.6	E82 59 10.1
		Total-	25		
14	Kalahandi South	Pandrapala	25	N19 42 50.48	E82 57 06.06
		Total-	25		
15	Bolangir	Jubamal	50	N20.37122	E82.72616
		Gandhmardan	50	N20 50 38.3	E82 50 28.5
		Hirapur	50	N20.453935	E83.110978
		Luthakend	50	N20.482092	E83.220164
		Total-	200		
16	Sunabeda WL	Chandanpur	15	20.68806	82.53361
		Maraguda	17	20.70389	82.46556
		Bairbhadi	10	20.68281	82.44458
		Badei Att	10	20.65389	82.43539
		Bhaosil	10	20.65228	82.40631
		Kendulamer	15	20.54333	82.53667
		Jabdabanji	15	20.53917	82.51667
		Gadgada	15	20.46972	82.53667
		Total-	107		
17	Koraput	Podagada	50	N18.51370	E82.52120
		Marichamal DPF (Chanan Patch)	20	N18.84339	E82.981578
		Chitalput	20	N18.54351	E82.72752
		Sunki PRF	10	N18.523575	E82.990008
		Total-	100		
18	Jeypore	Mandra PRF	50	19.12558	82.80331
		Total-	50		
19	Nabarangpur	Chhatarabar	10	N19.50394	E82.1635
		Total-	10		
20	Malkangiri	Idikonda	10	17.960275	81.703254
		Total-	10		
	Grand Total		2452		

Annexure III-IV

Site Wise details of Other Misc. Plantation @200 Plants/Ha. Under ANR Plantation

SI No	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	Longitude
1	Angul	Pathargarh PRF	100	20.906000	84.837280
		Devinagar PRF	100	21.07358	84.74621
		Manidhip PRF	150	21.138565	84.692216
		Manidhip PRF	150	21.126067	84.702147
		Kuio Sakasinga RF	40	20.9181	85.0795
		Saharagoda RF	70	20.7697	85.0309
		Badadandasahi RF	50	20.77418	84.99795
		Paranga RF	60	20.8946	85.0314
		Durgapur RF	100	20.930196	84.979696
		Rabipur, RF	180	21.0301	85.08552
		Sadarkhol RF	100	21.26874	84.92987
		Nialu-Lodhajhari-Sapakata, RF	90	21.19722	84.96352
				Total-	1190
2	Athmallik	Dhandatopa Range	50	N 20 47 54.40	E 84 35 40.33
		Kutulisinga RF Compt. No. 4	50	N 20 48 19.95	E 84 42 42.04
		Handapa Range	100	N 20.983222	E 84.657556
		Bamur Range	30	N 20.93377	E 84.50237
		Madhapur Range	50	N 20.852827	E 84.375833
		Total-	280		
3	Dhenkanal	Koi RF	50	20.653916	85.17811
		Dolia RF	50	21.11527	85.46036
		Anantapur RF, Compt. 33(B)	50	20.9898	85.42673
		Maulabhanja RF	50	20.92575556	85.68968056
		Kankadhad RF	40	20.606995	85.532528
		Kadalipal	50	20.86986	85.58283
		Kadalipal	100	20.957	85.79694
		Kandhara RF Compt. No.03	50	20.56003	85.2074
		Total-	440		
4	Athgarh	Ranibania	40	20 33 52.7	85 43 38.7
		Baniabandha	40	20 33 59.6	85 48 42.3
		Khalimati	50	20 28 35.1	85 21 51.1
		Chhanchunia	50	20 27 59.8	85 17 40.3
		Kaduapada	50	20 27 48.1	85 22 02.0
		Guptamanik	50	20 28 57.6	85 16 17.6
		Jadapada	50	20 31 32.2	85 31 47.05
		Jayapur	40	20 32 38.5	85 04 23.8
		Balikiary	50	20 29 57.5	85 03 24.2
		Total-	420		
5	Cuttack	Sagadagula inside Mahagiri DPF of	100	21 02 54	85 59 03
		Samarpitta inside Tomka DPF of	50	21 06 10.77	85 56 30.30
		Burudisahi (Hatikhola) inside	100	21 04 40.45	85 57 01.99
		Tikarpada Inside Daitari DPF	150	21 01 52	85 45 23
		Inside Pachhikote DPF of Jajpur	100	21 01 30.29	86 06 11.95
		At Binchana PF of Dalijora Range	35	20 38 58.0	85 57 37.8
		At Panchavaya PRF of Dalijora	40	20 35 04.0	85 59 31.8
		At Ragadiposi of Dalijora Range	40	20 48 10.1	86 03 51.8
		At Barimula PRF of Dalijora Range	50	20 40 44.4	86 03 11.7
		Near Rankia Ram Mandir inside	350	21 02 05	85 51 00
		Near Tumuni inside Daitary DPF of Sukinda Range	335	21 07 09	85 43 22
				Total-	1350
[228]		Rengal PRF	20	20.12325	85.711666
		Srikrushnapur	75	20.057591	85.283111
		Nakithana	50	19.98871	85.379269
		Ostapada	50	19.9709	85.4158
		Sandhamal DPF	35	19.8915	85.21013
		Bhusandapur	50	19.97296	85.48229

6	Khurda	Chakadapathar DPF	50	18.8753	85.2305
		Rameswar	100	19.99245	85.5239
		Tartua	50	20.2093	85.58522
		Jharan DPF.	50	19.78916	85.11777
		Chulijinka DPF	50	19.80804	85.00546
		Nuagaon	75	20.055	85.33694
		Bhatapada	50	19.83036	85.01748
		Total-	705		
7	Puri WL	Balukahnda	50	19.84553056	85.91836111
		Balighai	30	19.83126111	85.94775278
		Isaneswar	30	19.7858	86.1327
		Liakahia	100	19.857839	86.058528
		Total-	210		
8	Rajnagar WL	Kantiakhai ANR	70	20°-45'-38.8"	86°-59'-33.3"
		Kanchira ANR	30	20°-42'-57.8"	86°-58'-11.1"
		North Mahisamada ANR	50	20°-45'-20.57"	86°-55'-30.16"
		Hetamundia PRF ANR	50	20°-20'-14.0"	86°-45'-42.8"
		Kandarapatia PRF ANR	100	20°-27'-47.0"	86°-43'-48.0"
		Sahadabedi PF ANR	50	20°-05'-01.96"	86°-27'-33.01"
		Jatadharatanda PRF ANR	50	20°-10'-51"	86°-31'-44"
		Nadiakhia PF ANR	50	20°-00'-20"	86°-24'-21"
		Balitutha PRF ANR	20	20°-14'-49"	86°-32'-35"
		Gadaharihpur PF ANR	50	20°-03'-28"	86°-25'-44"
Total-	520				
9	Nayagarh	Hatimunda RF C/7	100	20.23419	85.04739
		Sulia RF C/3	100	20.1185	85.0329
		Sikharapur RF 1 & 2	50	20.2522	85.1477
		Sulia RF C/4	100	20.0975	85.0345
		Bankamunda RF C/1	100	20.4315	84.9558
		Hatimunda RF C/2	50	20.25271	85.00376
		Ratadei RF C/3	100	20.1051	84.8527
		Hatimunda RF C/13	50	20.28009	85.01313
		Sikharapur RF	50	20 16 33.44	85 09 10.60
		Makarapalli PRF	100	20.07105	84.84684
		Gayalasingh RF C/3	100	19.9779	84.9843
		Gochha RF C/1	100	19.923	84.922
		Sulia RF C/7	100	20.1173	84.9906
		Banijhari PRF	150	19.9784	85.0518
		Total-	1250	261.83944	
10	Chilika WL	ANR with Gap Plantation in	50	19.47582	85.10268
		Pital PRF- Casuarina ANR	150	19.47623	85.184514
		Total-	200		
11	City Forest	Mendhasal RF	30	20 16 05.2	85 43 42.1
Total-	30				
12	Phulbani	Uparpada	50	20.3578330	84.1016666
		Kerengeli	50	20.4313888	84.0312222
		Barepanga	50	20.2670000	84.2027222
		Jake	50	20.3220830	84.2175550
		Lendrigaon	50	20.3122500	83.9535270
		Dami	50	20.3604160	83.9509440
		Tundra	50	20.5207770	83.9369720
		Banduli	50	20.4431110	83.9637500
		Brudiguda	50	20.5131110	83.8670270
		Boupanga	50	20.5056660	83.8786940
		Katimaska	50	20.5289160	83.8548330
		Pokasunga	50	19.9128610	84.3505550
		Compt - 2	50	19.9235550	84.3945830
		Budamaha	50	20.1095830	84.2531660
		Bhaliapata RF	50	20.1308610	84.4263888
		Donga RF	50	20.6821000	84.3067000
		Ranipathar RF	50	20.5895000	84.3649000
		Sudhukumpa RF	50	20.5827000	84.2810000

		Bulungi	50	20.4634166	84.2200270
		Baikhhol	50	20.5001110	84.2374440
		Bakadipadar	50	20.4938880	84.1941110
		Kadikumpa	50	20.5608611	84.0607500
		Tadri	50	20.5277220	84.1077220
		Doni	50	20.3573611	84.3124440
		Badabhuin	50	20.4092500	84.2946660
		Kalipadar	50	20.3591388	84.4410000
		Mardigochha	50	20.4110550	84.4414720
		Linepada RF	50	20.3305100	84.3632800
		Sankarakhole RF	50	20.3219500	84.2701600
		Burtanga (S) RF	50	20.3183330	84.4625000
		Total-	1500		
		ANR with Gap Pltn.	150	20-23-35.7	83-47-06.0
		Silki inside Khamankhol RF	50	20-23-13.4	83-48-22.4
		Surat inside Khamankhol RF	100	20-25-01.3	83-45-28.5
		Kanjalagu inside Pokharibandha	50	20-19-45.37	83-44-13.41
		Kamberikia	50	20-16-46.34	83-47-30.22
		Kilaki inside Gatangi DPF	50	20-15-6.7	83-45-11.12
		Dakia	50	20-05-44.6	83-51-56.5
		Dadabadi	25	20.072624	84.138902
		Sadeng	100	19.96716	83.57934
		Baraguda	50	19.97589	83.51911
		Desughati	50	19.95636	83.55126
		Mahabali	50	19 53 07.4	83 37 40.2
		Randang	50	19 52 17.0	83 39 01.2
		Madaguda RF	50	19 55 37.7	83 44 20.1
		Tumudibandha UDPF	50	19 58 20.5	83 45 33.1
		Lankagarh RF	50	20 04 41.5	83 21 57.2
		Budani 'S'PRF	50	20 05 42.2	83 42 44.7
		Budani 'S'PRF	50	20 01 36.5	83 41 33.6
		Mankadakhari in side Bondru RF	50	19 51 23.5	83 45 38.09
		Batitota inside Bondru RF	50	19 49 08.9	83 45 48.0
		Matikeda inside Srirampur "A" DPF	50	19 42 13.2	83 51 41.4
		inside Srirampur "A" DPF	50	19 49 06.5	83 55 30.5
		Pileri inside Srirampur "A" DPF	50	19 46 16.9	83 49 26.4
		Siangabali	50	19 54 58.0	84 12 10.0
		Sikaketa R.F	50	20 00 40.7	84 09 27.6
		Kumbharmunda R.F	50	19 57 34.9	84 01 34.0
		Gerngokia	50	19 57 13.6	83 56 22.1
		Patamaha	50	19 58 24.6	83 55 45.7
		Salus (Sirsipanga)	50	19 59 16.0	83 55 01.0
		Tembuli	50	19 56 22.7	83 55 37.7
		Hatimunda inside Rusimal RF	50	19 43 55.9	84 07 44.8
		Mahagudi	50	19 43 53.7	84 04 07.4
		Mahagudi	50	19 43 44.1	84 04 29.1
		Panasapadar	50	19 43 40.3	84 10 28.8
		Total-	1875		
		Jajpur RF C/3	140	N 20.62119444	E 84.39191667
		Jajpur RF C/4	400	N 20.63033333	E 84.39652778
		Jajpur RF C/6	300	N 20.66344444	E 84.36766667
		Aragarh RF C/4	60	N 20.63867	E 84.52939
		Bankamundi RF C/8	150	N 20.69925000	E 84.26966667
		Bankamundi RF C/4	100	N 20.71306389	E 84.32324444
		Putuna RF C/2	100	N 20.70719444	E 84.09405556
		Putputigarh RF, C/3	50	N 20.61297222	E 83 .78089167
		Budhimal PRF	50	N 20.57500000	E 83.78444444
		Penajor RF C/1	75	N 20.65102778	E 83.85912500
		Sunadei RF	100	N 20.53878889	E 83.70109722
		Palbhata RF	50	N 20.47286944	E 83.77526389
		Badadanda RF	75	N 20.43505000	E 83.73101667
		Total-	1650	ANNUAL PLAN OF OPERATION 2022-23	
13	Baliguda				
14	Boudh				
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15	Gh. South	Kansa DPF	50	N19 33 16.7	E84 35 41.9
		Panchubhuti "C" RF near	50	N19 55 46	E84 52 48
		Kiriamba RF Compt. No.8 near	50	N19 49 58.5	E84 51.40.0
		Kiriamba RF Compartment No.3	50	N19 51 07.32	E84 53 12.40
		Kiriamba RF Compartment No.2	50	N19 50 51	E84 54 01
		Purunapani Daburia PRF near	50	N19 39 32.0	E84 50 58.0
		Khaladimala DPF	50	N19 40 14.5	E84 53 11.9
		Pandiripada RL near Andhari	50	N19 799420	E84 004640
		Pandiripada RL near Khumula	50	N19 47 28.7	E84 53 15.4
		Mundapita RF Compartment No.1	50	N19 45 16.5	E84 21 22.7
		Dhougaon RF Compartment No.2	30	N19 50 08.4	E84 19 53.1
		Dhepaguda RF	30	N19 42 03.1	E84 21 55.2
		Pandakhola RF Compartment No.5	50	N19 50 54.3	E84 16 12.9
		Badagada 'B' UDPF	50	N19 61 3112	E84 47 5513
		Badagada 'A' UDPF near Damapur	50	N19 58 9993	E84 45 472
		Total-	710		
16	Gh. North	Tiliki RF C/1	50	N19.92294	E84.47397
		Kullada RF C/4	50	N19.98194	E84.58197
		Tiliki RF C/2	50	N19.91844	E84.48753
		Baibali RF C/6	50	N19.98556	E84.41814
		Rambha RF C/2	50	N20.11747	E84.51517
		Gallery RF C/13	50	N20.06872	E84.52750
		Kullada RF C/3	50	N19.99733	E84.61211
		Gallery RF C/15	50	N20.02864	E84.54556
		Ragada RF C/5	50	N19.80453	E84.49899
		Vinjhigiri RF C/3	50	N19.75605	E84.43480
		Gallery RF C/16	40	N20.07572	E84.55517
		Dhimirijholi RF C/2	75	N20.13794	E84.57253
		Chandragiri RF C/11	50	N20.09206	E84.61833
		Bramhanasahi RF C/3	50	N20.10142	E84.71667
		Ghogada RF C/3	50	N20.19711	E84.77172
		Ambazhara RF C/16	50	N20.22522	E84.70297
		Ambazhara RF C/12	50	N20.15886	E84.72989
		Chandragiri RF C/5	50	N20.11631	E84.68886
		Ghogoda RF C/2	50	N20.21242	E84.76611
		Paichellia RF C/4	50	N20.12150	E84.77994
J N Prasad RF C/9	50	N19.99578	E84.67453		
		Total-	1065		
17	Berhampur	Betajhari	50	19.262500	84.674722
		Saurabadi	25	19.223333	84.691389
		Mahulapada	50	19.265861	84.437250
		Dhepaguda	50	19.362917	84.667528
		Raiguda	40	19.284083	84.500389
		Uttama	50	19.483583	84.550083
		Jakar	50	19.246556	84.563167
		Nuapalli	50	19.269972	84.501444
		Goudanuagan	50	19.559222	84.952278
		Paldhuapalli	50	19.586444	85.083778
		Samantabagada	50	19.596611	84.846111
		Gambharia	50	19.706167	85.070250
		Badapalli	50	19.530278	85.065583
		Samantarapur	50	19.061417	84.479611
		Masanibada	50	19.128306	84.420722
		Jhagadapalli	50	19.191889	84.384333
		Total-	765		
ANNUAL PLAN OF OPERATIONS 2022-23		Gunduriguda	50	N 19 28 28.5	E 84 23 46.2
		Buroisingi	50	N 18 94 49.46	E 84 01 37.01
		Near Tulasi Padu	50	N 18 49 26.0	E 84 06 3.0
		Maringi	100	N 18 40 05.108	E 84 17 38.9
		Tarabha	50	N 19 12 73.99	E 84 19 96.43
		Bayaguda	50	N 19 22 61.28	E 84 14 10.55

22	Bargarh						
		Total-	0				
22	Bamara WL	Kinabaga	50	22.10148333	84.45397222		
		Fuldumer	50	22.09028056	84.48980556		
		Gardega	50	22.053	84.42075		
		Kutarimal	50	22.11787778	84.31174167		
		Parimunda Niktimal	50	21.99647778	84.39235833		
		Parimunda	50	21.93916667	84.38194444		
		Goiljhumpa	50	22.02011667	84.44985833		
		Kichinda	50	22.04404167	84.47945833		
		Thaurniktimal PRF	180	21.70025	84.39300833		
		Laidaguna PRF	150	21.77336111	84.42991667		
		Laidaguna PRF	50	21.77195278	84.41002778		
		Tureiniktimal	50	21.82173611	84.50625		
		Binjipali RF	100	21.61472222	84.20083333		
		Khajuria RF	100	21.67611111	84.47055556		
		Fatamunda	100	21.69769444	84.23819444		
		Guljipali	50	21.602	84.31666667		
		Tentuliguda	50	21.57637778	84.41685		
		Gantab	50	21.47541667	84.30372222		
		Budhikuten PRF	50	21.45781111	84.23623611		
		Kanibandhali (Patch - I)	40	21.50390833	84.17228056		
		Kanibandhali (Patch-II)	60	21.48833611	84.19861667		
		Pandhanpali	50	21.5575	84.205		
		Badrama RF (Udsung)	50	21.53533333	84.23956667		
		Pandibahal	50	21.54486111	84.27715278		
		Kisinda	50	21.34155	84.34579444		
		Chadarpada	15	21.34780556	84.38922222		
		Uradei	50	21.31163611	84.41758333		
		Panduakhhol	50	21.29783889	84.52632222		
		Kendumunda	35	21.28704444	84.55233611		
				Total-	1780		
		23	Sundargarh	Bramhani RF	200	N22 18 55.34	E84 25 21.79
				Bhursilia RF	50	N22 18 16.61	E84 24 31.65
Itma RF	140			N22 08 30.7	E84 13 00.1		
Athkosia RF	200			22.15511	84.0041		
Bhursipatra (Bharatpur)	110			22.047944	83.941556		
Arjunda, Biswanathpur DPF	100			21.929306	83.759389		
Arjunda DPF	80			21.555000	83.442806		
Hundarkhol DPF	100			21.958667	83.730750		
Budlakhaman RF	75			21.842139	83.65675		
Bheluantikra DPF	25			21.842139	83.785222		
Jamkani RF	200			Gopalpur Section			
Jamkani RF	200			Tiuria Section			
Kurei RF	100			22.22539	84.0325		
Mahulgaon RF	200			22.2154	83.5933		
Tilda	120			22.26352	84.03462		

		Budapahad DPF	385	22.2199	83.6911
		Chattenpali	50	22.9576	83.863107
		Kurumkel	165	22.082423	83.791355
		Total-	2500		
24	Rourkela	Ergeda R.F	50	N22.12972	E84.91589
		Duurgapur R.F	50	N22 14 12.6	E84 53 34.5
		Harapali RF	50	N22 19 34.6	E84 50 13.6
		Jugsai RF	50	N22 16 08.2	E84 45 08.5
		Bhaisamunda RF	50	N22 02 37.0	E84 48 43.1
		Kamarpahad RF	50	N22 16 24.8	E84 47 01.1
		ANR Pltn. at Jharbeda RF	150	N22 02 7.90	E85 00 6.60
		ANR Pltn. at Mahura RF	50	N22 02 04.5	E84 55 37.9
		Kuradhi RF	50	N21 59.15	E84.53.31
		ANR plnt. S.Chirobeda RF	50	N22 11 28.3	E85 02 01.8
		ANR plnt. Bagdega RF	50	N22 20 31.7	E85 04 00.9
		ANR plnt. N.Chirobeda RF	50	N22 12 36.5	E85 00 00.6
		ANR plnt. N.Chirobeda RF	50	N22 12 23.9	E84 59 14.5
		ANR plnt. N.Chirobeda RF	50	N22 13 18	E84 59 3
		Jharbeda RF	50	N22 13 34.67	E85 02 52.64
		ANR Gudhiali R.F.	50	N22 12 7.5	E84 32 57.3
		Chhatam RF	100	N 22 03 25.1	E 845 31 52.8
		Kumaria Compt.	50	N 22 10 48.1	E84 41 13.8
		Haldipani R.F.	50	N 22 09 17.8	E84 42 34.5
		Haldipani R.F.	100	N 22 07 28.1	E 84 39 4.9
Andhari RF	50	N22 23 36.8	E84 40 49.1		
Jaidega RF	50	N22 20 15	E84 40 15		
		Total-	1300		
25	Bonai	Nagaria PRF	40	N21.773	E85.123
		Sirigida RF	60	N22.034	E85.548
		Bhabanipahar PRF	70	N21.848	E85.242
		Gonua	70	N21.888	E85.359
		Khajuridihi PRF	20	N21.830	E85.274
		Sarkunda PRF	60	N21.847	E85.231
		Ulundajharan DPF	30	N21.823	E84.862
		Dalki-Rajanbeda	30	N21.701	E84.729
		Raikela	40	N21.947	E85.213
		Rankei DPF	60	N21.978	E84.677
		Amrudhi PRF	80	N21.855	E84.009
		Budapahar	70	N21.766	E85.097
				Total-	630
26	Deogarh	Paudi RF near Gurusang	100	21.5473896	85.1661997
		Kankarkhol PRF near Kankarkhol	30	N 21 .336025	E 84.692931
		Kundheigola PRF near Dallak	40	N 21 13 23.0	E 84 53 18.2
		Kunjam RF	50	N 21 14 18.93	E 85 1221.05
		Charigochhia RF	50	N 21 19 07.29	E 8512 05.07
		Old Paudi RF near Dudipani	100	N 21 31 15.0	E 85 15 41.00
		Sarabeda PRF near Jokapani	50	N 21 28 28.9	E 85 18 02.4
		Total-	420	21.5473896	
27	Keonjhar	Atei RF (Comp No.33 & 34)	200	21.3723056	86.0849444
		Atei RF	100	21.486694	85.965861
		Raikala RF	50	21.8253611	85.6078861
		Barabanka RF	50	21.3411111	85.6302778
		Samakoi RF	50	21.3516667	85.3625000
		Kuanr DPF	50	20.5308861	85.4287750
		Total-	500		
28	Baripada	Biridihi	20	N22 9 19.0	E86 40 12.0
		Kadada	30	N21.629802	E86.742017
		Banasahi	50	N22 196677	E86.60861
		Raghunathpur	50	N21 51 25.6	E87 04 09.0
		Budheirana, Dinabandhupur,	50	N21 50 20.30	E86 44 15.58
		Total-	200		
[234]		Mahulisuli	30	21.9113889	89.85833333

29	Karanjia	Pokamunda	25	21.79386111	85.95152778
		Pahadur	10	22.0306	86.0142
		Kunjiam	25	21.97361111	85.92333333
		Mulapal	25	21.4785	86.24891667
		Khudisila	50	21.42572222	86.22238889
		Satkosia RF Compt. No. 15	50	21.37652778	86.2377778
		Satkosia RF Compt. No. 14	50	21.37652778	86.23297222
		Total-	265		
30	Rairangpur	Khadambeda RF	25	22.16625	86.42569
		Chaunradihi	30	22.07888	86.10306
		Bhuyanbasa	118	22.10713	86.17142
		Dantusahi	50	22.14893	86.20447
		Dubulabeda	50	22.1775	86.0375
		Near Hatbadra Hospital	20	22.23433	86.15927
		Sorgoda	60	22.105352	86.200254
		BhItaramda	40	22.120907	86.193337
		Karanjharan Dhusra RF	75	22.1863889	86.2995
		Hatibari RF	30	22.2471111	86.2480833
		Dahupani DPF	50	22.4187778	86.2821111
		Jari RF Ambapani	50	22.3206	86.3143
		Radho RPF, Jampani	25	22.4062222	86.2326389
		Kucheibudhi RF	50	22.292222	86.1982222
		Gambharia, Kantasola & Bhursa	100	22.338686	86.143293
				22.337753	86.133987
		Ranisahi	50	22.525517	86.087055
		Kumurum	50	22.556718	86.055545
		Amlabeda	27	22.233112	86.023599
		Kasiagoda	50	22.471322	86.151255
Dubulabeda	50	22.435983	86.2099213		
Total-	1000				
31	Balesore WL	Barajadeuli	20		
		Balaramgadi	20		
		Mitrapur RF	10	21.534071	86.794654
		Devgiri RF	10	21.361792	86.514226
Total-	60				
32	Keonjhar WL	Baranga RF	200	21.039563	86.081225
		Atei RF	200	21.278089	86.055182
		Rebana RF	100	21.266606	85.729008
		Atei RF	200	21.27778	85.9725
		Rebana RF	200	21.099052	85.879135
		Rebana RF	200	21.18261	85.842672
		Rebana RF	50	21.114126	85.782152
		Rebana RF	50	21.232631	85.708523
Total-	1200				
33	Kalahandi North	Kutenpadar	50	N19.81936	E83.08273
		Sargiguda	50	N20.026938	E83.079775
		Tentulipada	50	N20.023582	E83.051423
		Panchkul	50	N19.76944	E83.24389
		Kundeijharan	50	N20 12 30.5	E83 20 04.8
		Dumermunda	50	N20 10 57.2	E83 16 29.9
		Singjharan	50	N20 14 34.4	E83 17 07.8
		Bijkhaman	50	N20 16 44.5	E83 19 24.1
		Kinerkela	50	N20 15 51.9	E83 17 24.0
		Patharla	50	N20 08 46.7	E83 09 23.1
		Deulisulia	50	N20 19 28.0	E83 41 17.0
		Taprang RF	50	N20 11 10.3	E83 34 07.6
		Sitarampali	50	N20 18 16.0	E83 29 53.8
		Samarkata	150	N20 01 35	E83 23 28
		Pujiladu	100	N20 09 41	E83 30 38
		Budhipadar	100	N20 07 59	E83 33 44
		Katjanipadar	100	N19 59 20	E83 24 06
		Malendrapur	50	N20 06 50.6	E82 56 18.1

		Betrajpali	50	N20.10415	E82.92126
		Banjipadar	50	N20 04 29.6	E82 51 10.6
		Kandakhali	50	N20 04 41.1	E83 03 00.8
		Tingipadar	50	N20 03 27.6	E82 50 13.8
		Dudkel	50	N20.05748	E82.823893
		Tendopani	50	N20 02 10.2	E82 50 40.9
		Kholpala	50	N20 09 14.8	E82 56 49.4
		Bhatipada	50	N20 08 9.7	E82 53 23.9
		Bordi	50	N20 08 35.5	E82 53 55.1
		Gandbasa	75	N20 07 29.6	E82 59 10.1
		Burfa	50	N20 06 26.3	E82 59 35.5
		Gadlajharan	50	N19 58 09.2	E82 53 48.7
		Bagbahal	50	N19 58 62.3	E82 55 55.6
		Putiachura	50	N20 58 46.0	E82 55 69.5
		Total-	1875		
34	Kalahandi South	Kudeikhunti	50	N19 46 10.8	E83 19 58.5
		Gandhni	50	N19 42 07.0	E83 21 15.0
		Kendu Guda	50	N19 39 24.2	E83 15 33.0
		Talangsuri	50	N19 43 24.7	E83 16 23.1
		Rayalguda	50	N19 47 01.7	E83 16 39.6
		Karamaska	50	N19 45 47.1	E83 20 56.9
		Jharbandhapada	100	N19.52389	E82.88961
		Barsikona	100	N19.67000	E82.94028
		Jatangpada	200	N19 35 27.12	E83 03 26.19
		Mohangiri	150	N19 32 21.27	E83 12 05.50
		Kiapadar	75	N19 45 19.8	E83 02 42.1
		Sagada	75	N19 44 54.0	E83 02 42.1
		Karlapat	50	N19 39 24.0	E83 08 41.0
		Ghumar	100	N.19 25 31.32	E. 82 42 02.53
		Pabli	150	N.19 25 43.24	E. 82 42 43.38
		Bhalujore	100	N.19 21 18.33	E. 83 43 26.14
		Bhitar Pondi	60	N.19 20 37.49	E. 82 45 49.01
		Pondi	60	N.19 22 05.31	E. 82 46 14.44
		Kalduda	70	N.19 25 13.1	E. 82 53 13.70
		Khaligad	50	N 19 33 48.2	E 82 39 25.9
		Kandagarh	100	N 19 36 07.0	E 82 35 19.0
		Golamunda	100	N19 49 54.0	E83 02 13.0
		Ratanpala	50	N19 46 11.0	E82 59 32.0
		Pandrapala	60	N19 42 50.48	E82 57 06.06
		Pariagarh	50	N19 54 47.1	E82 58 31.9
		Total-	2000		
35	Subarnapur	Baslat	100	N20.90333	E83.61944
		Chahatakhola	50	N20.89361	E83.635278
		Dahimal	100	N20.838566	E83.711065
		Tileimal	50	N20.834368	E83.707366
		Budhakhama	50	N20.601722	E83.615292
		Nuamunda	100	N20.548018	E83.598853
		Charbhata	50	N20.556285	E83.623217
		Bandhapali	50	N20.571578	E83.591859
		Satrupali	50	N20.777546	E83.752366
		Pipilipali	50	N20.84694	E83.850278
		Sukhilasar	50	N20.556787	E83.665689
		Bishnupur	50	N20.928004	E84.004430
		Dadarpali	50	N21.022197	E84.041069
		Redam	50	N20.978019	E83.974413
		Brahmanipali	50	N21.083544	E83.917075
		Kharapura	50	N21.132255	E83.962815
		Gindilamal	50	N21.103667	E83.885384
		Jaunrabhaunra	50	N21.06345	E83.887063
		Budhijharan	50	N21.131578	E83.870053
		Jharbahali	50	N20.986205	E83.851600
		Pipalkata	50	N21.008394	E83.898736

		Khemaloe	100	N21.002560	E83.887230
		Jharpathar	100	N20.949775	E84.191792
		Butukhaman	50	N20.946044	E84.199531
		Purnapani	100	N20.960100	E84.193717
		Thakurpur	40	N20.916944	E84.257222
		Gariamunda	50	N20.92000	E84.251944
		Bhaludunguri	100	N21.024144	E84.102683
		Hatilimunda	50	N21.005531	E84.104775
		Bhandar	100	N21.04191	E83.75383
		Total-	1890		
		Badbanki	50	N20.42282	E82.75185
		Dandra	50	N20.405179	E82.922896
		Bijakhaman	100	N20.63342	E83.47186
		Chhatriapali	100	N20.76389	E83.41264
		Kanakpur	50	N20 36 17	E83 24 54
		Gandhmardan	50	N20 48 22.7	E82 49 17.3
		Chandli	100	N20 43 06.1	E82 47 38.3
		Bagbel	50	N20.51864	E82.78383
		Kameimunda	50	N20.42050	E82.79511
		Barla	50	N65.18667	E82.76547
		Mahulpati	50	N20.54547	E82.77414
		Talbhata	50	N20.64811	E82.86867
		Bharuamunda	50	N20.694653	E82.833015
		Rengali	50	N20.63116	E82.85456
		Bharuapada	50	N20.59853	E82.83754
		Pandridungri	50	N20.93414	E83.60172
		Sankhua	50	N20.952475	E83.491844
		Santika	50	N20.90033	E83.48049
		Thakarapali	50	N20.822751	E83.352524
		Saledamk	50	N20.364313	E83.118382
		Muribahal	50	N20.400648	E83.024534
		Jaintara	50	N20.437058	E83.117855
		Govindpur	50	N20.42408	E83.140199
		Goelmara	50	N20.61672	E83.15819
		Chitkamal	50	N20.78567	E83.05350
		Guniabahal	50	N20.83431	E83.24056
		Brahmanipali	50	N20.86281	E83.15047
		Gunchadihi	50	N20.87589	E83.24353
		Ghatuldunguri	100	N20.546558	E83.249799
		Jhimanpali	50	N20.455374	E83.240229
		Mursing	50	N20.535992	E83.359397
		Sialbahali	50	N20.516403	E83.362305
		Dharapgarh	100	N20.39008	E83.21069
		Badmal	50	N20.38703	E83.26389
		Bhatipada	50	N20.37569	E83.16653
		Total-	2000		
		Kenduguda	50	20.263004	82.649293
		Palsipani	50	20.415333	82.704524
		Kotamal	40	20.177018	82.761292
		Kotamal	50	20.383866	82.612035
		Mahulpada	50	20.21583	82.53472
		Sargadi	50	20.27069	82.80606
		Mantratari	70	20.21692	82.698
		Dabri	50	20.209103	82.71069
		Dharamsagar	30	20.40931	82.6995
		Baglore	50	20.20111	82.55639
		Salepada	50	20.286377	82.638698
		Malpada	50	20.46399	82.57622
		Dhanrabhata	50	20.47564	82.57051
		Babupali	50	20.66110755	82.6762208
		Pandrapathar	50	20.63383	82.66543
		Sihnamunda	50	20.61696	82.64802

37	Khariar	Khaliapada	30	20.64906	82.65717
		Jhalbahal	60	20.84537222	82.583225
		Bhera	30	20.761233	82.455122
		Mundapala	90	20.13143	82.71561
		Darlipada	40	20.037857	82.527114
		Karlapani	50	20.073879	82.675607
		Badhunjore	50	20.1201709	82.8178037
		Jampani	50	20.0675	82.53888889
		Kaseipani	50	20.00968	82.69323
		Dhingiamunda	70	20.16965	82.5511
		Liad	50	20.12911	82.79988
		Tankamal	50	20.08258333	82.46222222
		Ranimunda	50	20.17733	82.56643
		Nuamalpada	50	20.03444444	82.50527778
		Karlapani	50	20.065676	82.67513
		Pandaripani VF	50	21.014785	82.664275
		Bhalukona	50	20.89261111	82.62369444
				Total-	1660
38	Sunabeda WL	Chandanpur	35	20.68806	82.53361
		Maraguda	33	20.70389	82.46556
		Bandhapar	45	20.69865	82.43370
		Patora	47	20.73806	82.43444
		Khaliapada	44	20.71386	82.37402
		Bairbhadi	38	20.68281	82.44458
		Badei Att	38	20.65389	82.43539
		Bhaosil	38	20.65228	82.40631
		Kendulamer	30	20.54333	82.53667
		Jabdabanji	30	20.53917	82.51667
		Gadgada	30	20.46972	82.53667
		Deolpathar	50	20.54722	82.52306
		Nachinisil	45	20.56806	82.48389
		Bardi Aat	50	20.61611	82.48917
		Kebdiam	45	20.49083	82.44944
		Bhumarmari	45	20.48611	82.43500
		Godbhata	45	20.51167	82.47750
		Ghatsil	50	20.52389	82.41528
Chakla Nalla	45	20.56583	82.44778		
Jogimunda	45	20.50361	82.46861		
		Total-	828		
39	Rayagada	Perpa	100	19.253763	83.146568
		Panchali	50	19.145436	83.129659
		Kaliapadar	50	19.170498	83.133498
		Kilkajodi	50	19.176860	83.199570
		Baharkutumi	50	19.174340	83.197150
		Pukesh	50	19.126000	83.017500
		Bariapada	50	19.497199	83.370805
		Naringitola	50	19.534014	83.332034
		Gugurmandi	50	19.508674	83.253362
		Dantaling	50	19.397927	83.379137
		Kansarikhala	50	19.511948	83.345330
		Keutoguda	50	19.297054	83.370905
		Bodapadu	100	19.345310	83.349056
		Kottaguda	100	19.415967	83.329399
		Rachapaka	100	19.075917	83.535043
		Kodupadu	50	19.196401	83.382080
		Karajholla	100	19.113130	83.173080
		Kosakona	50	19.129985	83.262277
		Jolingi	50	19.145941	83.341357
		Chinariguda	50	19.030969	83.853200
		Tandikana	50	19.260458	83.626024
		Budamundi	50	19.199600	83.894081
		Dhepaguda	50	19.859310	83.586030

		Chatikona	100	19.439190	83.462790
		Total-	1500		
40	Koraput	Deshnayakguda	50	N18.858065	E82.760291
		Podeiput	50	N18.53400	E82.53040
		Bidaghati	30	N18.4956	E82.3908
		Bidaghati Extn.	20	N18.4936	E82.3913
		Raisili R.F (Sorispader)	80	N18.948623	E83.074888
		Bandikar PRF (Pandakapader)	80	N19.007677	E83.170357
		Champi R.F (T.Champi)	80	N18.993284	E83.021846
		Bhalupadar	50	N18.799970	E83.038630
		Paradiamba	50	N18.888590	E83.094080
		Almonda	50	N18.866850	E83.312210
		Rebatiguda	50	N18.847640	E83.380420
		Chintaliguda	50	N18.517381	E82.973168
		Podapadar	50	N18.577478	E82.797977
		Mandarguda	50	N18.746445	E82.835284
		Mali Bhimdol	75	N18.44730	E82.73279
		Padwa	75	N18.62376	E83.15425
		Ambapoda	50	N18.557859	E82.484407
		Anumanjar	50	N18.49589	E82.54128
		Changudipoda	50	N18.589028	E82.598055
		Total-	1040		
41	Jeypore	Bhejaguda	150	18.77207	82.48244
		Nuaguda	50	18.78278	82.29001
		Lakhmaliaguda	50	18.84960	82.29414
		Banabeda	20	18.68722	82.49806
		Gajulpadar	50	18.89531	82.26461
		Puki	50	18.87892	82.25358
		Siribeda	50	18.82533	82.16517
		Ooimariguda	50	18.81539	82.19333
		Keraotal	50	18.77669	82.18747
		Bicholkotta	50	18.74861	82.54306
		Bada Jeevna	50	82.94393	82.50269
		Ghatgumar PRF	50	18.79167	82.56028
		Lthaguda	60	19.44198	83.03677
		Sangabadi	90	19.49098	83.06840
		Mohantypur	50	19.042345	82.40594
		Raniguda PRF	60	19.028112	82.377411
		Malchama RF	100	18.980591	82.242219
		Bhatapani	50	18.88965	82.284387
		Jholaguda	50	18.961057	82.326012
		Nuaguda	50	18.99116	82.30971
		Kanaguda	50	18.98095	82.31808
		Saralguda	50	82.37482	82.37482
		Tanginikote	30	19.04444	82.73364
		Mandra PRF	50	19.13050	82.79950
Chikima	50	19.01536	82.49294		
Benasur	40	19.02483	82.61356		
		Total-	1450		
42	Nabarangpur	Patraguda	50	N19.36983	E82.49067
		Jagannathpur	50	N19.186455	E82.757752
		Moharaguda	50	N19.36754	E82.48892
		Kusmi PRF	80	N19.44173	E82.18617
		Miriminda PRF	40	N19.38236	E82.21922
		Jhaliaguda RF	50	N19.48824	E82.39897
		Begigam RF	50	N19.42550	E82.49144
		Godegam PRF	50	N19.42514	E82.33597
		Maidalpur PRF	100	N19.47172	E82.62142
		Telnadi RF	80	N19.743637	E82.180947
		Badni	100	N19.582666	E82.439764
		Kuhudi	100	N19.732911	E82.561191
		Chandrapurna	15	N19.653169	E82.509952

		Hatigam	85	N 20.02692	E82.09046
		Naktisimada	50	N 20.008417	E82.018488
		Gona	50	N 19.922968	E82.149055
		Total-	1000		
43	Malkangiri	Nuaguda	50	17.976110	81.700280
		Machhaghathi	50	17.986670	81.783060
		Teaguda	50	18.085104	81.870342
		Porluguda	40	18.105825	81.919570
		Badliguda	40	18.070720	81.878730
		Phagurkonda	40	18.219400	81.747522
		Bapanpally	40	18.128252	81.853397
		Damguda (Podia)	40	18.156634	81.629751
		Old Niliguda	40	18.253497	81.605375
		Manyamkonda	30	17.878360	81.659380
		Nakaguda	40	17.920360	81.620520
		Ramvaram	50	17.870220	81.501910
		Kamalapuram	40	17.862500	81.519440
		Kenduguda	50	18.003419	81.9585960
		Kadam Jhola	50	18.05522	82.2070000
		Datunguda	80	18.03499	81.9604200
		Hataguda	50	18.098739	82.2219440
		Ghatiguda	80	18.045704	81.9556190
		Enugurei	50	18.061242	81.9920310
		Nilapari	40	18.23530	82.13250
		Kanangi	40	18.215058	82.151871
		Matamguda	40	18.242235	82.146389
		Nuagaon	35	18.215238	82.072911
		Teaguda	25	18.373594	82.149022
		Kamalapadar	50	18.59033	82.28412
		Badniput	40	18.618281	82.254854
		Godiali	30	18.573155	82.225842
		Anlaguda	50	18.66046	82.024534
		Kutiguda	20	18.202433	81.93119
		Jhileriguda	50	18.461748	81.897137
		Pitatung	40	18.487127	81.995604
		Goiparbat	80	18.412639	81.910911
		Monuskonda	50	18.394148	81.972777
		Total-	1500		
	Grand Total		43768		

Annexure-III-V

Site wise details of Economic Plantation (Timber/High Value species except Teak) @1600 Plants/Ha under AR Plantation

SI No	Name of Division	Location	Area	Geo-coordinates	
				Latitude	Longitude
1	Puri WL	Isaneswar	5	19.87466432	86.1365493
		Total-	5		
2	Chilika WL	Karakhola PRF- AR Plantation@1600plants per ha	10	N-19 ⁰ 35'34.76" N-19 ⁰ 35'25.44" N-19 ⁰ 35'19.29"	E-85 ⁰ 06'25.98" E-85 ⁰ 06'24.72" E-85 ⁰ 35' 19.29"
		Total-	10		
3	Sundargarh	Sikajore RF	30	22.288204	83.96946
			30		
4	Rairangpur	Kherna RF near Khejuripada PWC	5	22.14811095	86.079206
		Salai RWC	10	22.53481	86.041367
		Total-	15		
5	Subarnapur	Bandhapali	15	N20.78625	E83.74536
		Dablong	25	N20.93797	E83.64002
		Total-	40		
6	Bolangir	Jubamal	5	N20.37013	E82.73086
		Dhulusar	20	N20.72656	E83.31842
		Banjipali	15	N20.48989	E82.80328
		Bakbahal	10	N20.48494	E82.80547
		Bangabahal	20	N20.953299	E83.565746
		Muribahal	20	20.380042	83.011802
		Siskela	10	N20.34252	E83.33522
		Total-	100		
	Grand Total		170		

Annexure-III-VI

Site wise details of Indigenous Species Plantation @1600 Plants/Ha under AR Plantation

SI No	Name of Division	Location	Area	Geo-coordinates	
				Latitude	Longitude
1	Dhenkanal	Talcher Border	20	21.07222222	85.18375
		Khalapal RF	20	20.97671	85.29597
		Total-	40		
2	Athgarh	Athgarh	10	20 29 55.0	85 43 43.21
		Kulailo	10	20 34 20.0	85 40 23.0
		Total-	20		
3	Cuttack	At Godimagura of Dalijora Range	40	20 43 29.1	86 02 36.7
		At Arhua of Dalijora Range	5	20 44 13.0	86 05 57.0
		At Haripur of Sukinda Range	5	20 53 20.28	85 55 58.97
		At Baliposi of Sukinda Range	10	20 53 47.43	85 56 02.49
		Sukinda Range	45		
		Tomak Range	30		
		Patharpada of Jajpur Road Range	7	20 55 33.2	86 13 46.0
		Ashokjhar of Jajpur Road Range	3	20 59 31	86 06 35
		Jajpur Road Range	10		
		Total-	155		
4	Khurda	Pangarsingh	20	20.27527	85.4988
		Duburi	20	20.2805	85.48394
		Naraganga	20	20.29341	85.46942
		Total-	60		
5	Nayagarh	Pokharigochha RF C/6	5	20.2448	84.778
		Baisipalli Ext. IV	8	20.47996	84.80589
		Ragadimada RF C/5	3	20.2378	84.9158
		Total-	16		
6	Chandaka WL	Near Dist Border	15.625	20° 21' 55.23"	85° 41' 31.53"
		Near Nuakua (Saurabila)	12.5	20° 19' 56.12"	85° 40' 06.10"
		Golagada	6.25	20° 20' 51.55"	85° 39' 20.25"
		Near Behentasahi	9.375	20° 19' 48.84"	85° 40' 14.53"
		Near District Border	9.375	20° 21' 57.92"	85° 41' 16.64"
		Near Dukhi sukhi padia	9.375	20° 23' 03.12"	85° 39' 04.14"
		Near Baliguda	9.375	20° 21' 34.69"	85° 40' 05.35"
		Near Pathanagula	9.375	20° 23' 11.90"	85° 44' 37.36"
		Near Maneisahi	9.375	20° 23' 06.70"	85° 44' 26.33"
		Near Pitagadia Watch Tower	9.375	20° 23' 12.06"	85° 44' 22.21"
		Near Baunsaberena	9.375	20° 23' 18.52"	85° 44' 18.03"
		Near Firikinali	25.00	20° 23' 28.78"	85° 44' 28.15"
		Near Dhobanandha	18.75	20° 23' 18.78"	85° 44' 35.42"
		Deras	3.125	20° 18' 36.43"	85° 40' 48.29"
		Haridamada	6.25	20° 13' 27.49"	85° 39' 22.59"
		Hajabandha	12.5	20° 14' 49.46"	85° 39' 43.97"
		Doriah	3.125	20° 15' 30.18"	85° 36' 57.40"
		Palaspur	12.5	20° 14' 49.46"	85° 39' 43.97"
		Patakhala	3.125	20° 14' 49.46"	85° 39' 43.97"
Guptapada	9.375	20° 16' 42.79"	85° 40' 16.19"		

		(SBP-720) Near Bhuasuni	9.375	20° 14' 49.46"	85° 39' 43.97"
		Khadikhani	21.875	20° 20' 855	85° 46' 583"
		Sundarapur	13.75		
		Bharatpur	1.875		
		Total-	250		
7	Phulbani	Ganjuguda PRF	10	19.9980270	84.2406380
		Sikabadi RF	10	19.9671944	84.2937770
		Pukulingia RF	5	20.1543000	84.3901100
		Talarimaha PRF	5	20.2321300	84.3749500
		Total-	30		
8	Baliguda	Siringia	5	20-09-52.2	84-08-08.08
		Poasa	10	19 43 27.9	84 02 51.9
		Tetepader	5	20 00 28.4	83 52 14.8
		Total-	20		
9	Berhampur	Manikpur	5	19.064361	84.547250
		Total-	5		
10	Jharsuguda	Katabaga V.F	2.5	21- 47- 51.53	83- 56-13.85
		B.B.B P.R.F	2.5	21-58-20.01	84-20-18.12
		Total-	5		
11	Bargarh				
		Total-	20		
12	Bamara WL	Sagra	25	21 9 29.1	84 28 26.7
		Laidaguna PRF (Ramjhali)	15	21 45 47.94	84 22 43.36
		Thekubudi KF	10	21 46 14.84	84 23 15.39
		Lamra PRF	25	21 39 35.1	84 17 37.4
		Total-	75		
13	Sundargarh	Dhanubans RF	70	Patch-I N 25 58 38.1 Patch-II N 21 58 34.8 Patch-III N 21 58 15.2	E 83 32 14.5 E83 32 16.0 E 83 32 17.9
		Total-	70		
14	Rourkela	Jibikaposh	10	N21 51 14.7	E84 52 41.8
		Total-	10		
15	Bonai	Mahulpada	25	N21.766	E85.097
		Dharanidharpali	5	N21.975	E85.172
		Total-	30		
16	Deogarh	Gundiapali KF near Gundiapali	20	N 21 25.7	E 84 42 29
		New Paudi Rf near Jalaha	10	N 21 35 55.00	E 85 15 19.00
		Total-	30		
17	Rairangpur	Baneikala DPF RWC	17	22.068628	86.195632
		Kherna RF near Khejuripada PWC	16	22.14811095	86.079206
		Asna PWC	10	22.373852	86.199048
		Total-	43		
	ANNUAL PLAN OF OPERATION 2022-23	Salapada VF	4	21.194545	86.130556
		Basarpur VF	4	21.163626	86.113979

18	Keonjhar WL	Bailo VF	4	21.190402	86.134401
		Khailo VF	4	21.1727	85.96248
		Kathapal VF	4	21.1751102	85.9825
		Tampo VF	4	21.127653	86.188929
		Salapada Vol. (B) VF	8	21.188842	86.092588
		Barigaon VF	3	21.181653	86.11794
		Madanpur VF	5	21.154214	86.0994
		Rebana VF	15	21.147819	85.780026
		Total-	55		
19	Kalahandi North	Bandajore	20	N20.10504	E82.92258
		Total-	20		
20	Kalahandi South	Kelia	20	N 19 54 39.7	E 82 52 08.8
		Total-	20		
21	Subarnapur	Khagsakana	20	N20.848158	E83.715256
		Kandhpali	15	N20.877778	E83.590556
		Padhanpali-i	10	N20.92633	E84.018410
		Padhanpali-ii	15	N20.923800	E84.016140
		Butukhaman	15	N20.968572	E84.193592
		Kundopal	50	N21.014558	E84.104308
		Total-	125		
22	Bolangir	Chaulia	15	N20.37760	E82.88861
		Muribahal	10	N20.441176	E82.704487
		Total-	25		
23	Khariar	Amhera VF	10	20.32953	82.64131
		Dharamsagar	10	20.40336	82.69125
		Chalandungri VF	5	20.58247	82.71135
		Siliarybahara VF	15	20.706161	82.394943
		Bahaldihi VF	5	20.823512	82.669663
		Jhitki VF	20	20.98239	82.608963
		Darlipada	15	20.030368	82.526053
	Khariar Total	Total-	80		
	Grand Total		1204		

Annexure-III-VII

Site wise details of Indigenous Species Plantation @1000 Plants/Ha under AR Plantation

SI No	Name of Division	Location	Area	Geo-coordinates	
				Latitude	Longitude
1	Dhenkanal	Anlaberani	20	20.83350833	85.54863889
		Suniamaru	10	20.88216	85.55786
		Suniamaru	10	20.88212	85.55784
		Kankili	10	20.871617	85.415212
		Kankili	10		
	Total-	60			
2	Khurda	Duburi	10	20.2805	85.48394
		Champagarh	20	19.9724	85.426
	Total-	30			
3	Puri WL	BalukhandaCompt No. IV	50	19.82563612	85.87041111
		BalukhandaCompt No. V	50	19.81956667	85.87314444
		Balukhanda Compt No. VI	50	19.82885833	85.87924722
		BalukhandaCompt No. VII	50	19.82139722	85.87961667
		BalukhandaCompt No. VIII	50	19.833075	85.88845278
	Total-	250			
4	City Forest	Mendhasal RF	10	20 16 22.2	85 43 42.1
	Total-	10			
5	Boudh	Aragarh RF	10	N 20.627531	E 84.594455
		Arakhapadar RF	20	N 20.56416667	E 84.62472222
		Dapla RF	7	N 20.74944444	E 83.76555556
		Bagat RF	3	N 20.76638889	E 83.76777778
		Budhisukha	10	N 20.45686111	E 84.47133333
		Maskuli	5	N 20.49616667	E 84 .41952778
		Podhal RF	30	N 20.45172222	E 84.50047222
		Mankadakesera RF	9	N 20.78983333	E 84.92288889
		Dhungiapadar RF	6	N 20.73330556	E 83.95007500
	Total-	100			
6	Gh. South	Malijhar-II DPF	10	N19 36 15.2	E84 33 29.5
	Total-	10			
7	Bonai	Mendhamaruni	30	N21.809	E84.914
	Total-	30			
8	Baripada	Nuasahi	5	N21.635281	E86.696654
		Gunjasahi	5	N21 53 04	E86 49 50
		Baliasahi	5	N22.178972	E86.629759
		Gandipani	5	N22.227371	E86.631414
		Kalama	5	N21 35 838	E86 56 315
	Total-	25			
9	Bolangir	Kameimunda	20	N20.42317	E82.79617
		Suliamal	20	N20.87217	E83.21492
	Total-	40			
10	Rayagada	Ladakhaman	10	19.479888	83.065625
		Ranikota	10	19.377630	83.186362
		Limadar	15	19.272283	83.103221
		Perpa	15	19.270002	83.149494
		Bankambo	15	19.092319	83.074851
		Dhangididhar	10	19.399848	83.122000
		Gobarghati	15	19.194876	83.184816
		Patalamba	10	19.518605	83.355613
	Total-	100			
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11	Koraput	Ambagao	30	N18.780211	E82.939150
		Bandikar PRF (Pandakapader)	15	N19.007741	E83.170495
		Chanabada PRF	15	N18.98805	E82.93644
		Metabera	15	N18.537578	E83.019666
		Sarabati	15	N18.524090	E82.75929
		Kitwa	30	N18.46045	E82.67340
		Kalapoda	30	N18.60022	E82.48150
		Total-	150		
12	Jeypore	Ganrabeda	5	18.874180	82.294200
		Musapadar	20	18.692541	82.341662
		Jatiaguda	10	18.7067	82.3694
		Putpadar	5	18.740222	82.206944
		Dandabadi	5	18.740222	82.206944
		Baliguda	10	19.007021	82.266167
		Kotriguda	10	18.880681	82.295181
		Rexakonadi	10	19.054754	82.241862
		Chandabeda	10	19.004167	82.754722
		Mandra PRF	10	19.132278	82.810139
		Benasur(Compensatory)	5	19.024694	82.615306
		Total-	100		
13	Nabarangpur	Banka Sargi RF	10	N19.36400	E82.57328
		Barli RF	10	N19.52389	E82.56344
		Bhalugongri	10	N19.766489	E82.229879
		Baghabeda	10	N19.838088	E82.208657
		Kawadongri	10	N 19.95138	E82.25573
		Total-	50		
14	Malkangiri	RSC-6	5	18.123825	82.067360
		Badaput	10	18.145715	82.061392
		Dhuliput	40	18.09167	82.287220
		Daliamba	30	18.13694	82.305000
		Pilakusumi	10	18.304373	82.138005
		Total-	95		
	Grand Total		1050		

Annexure-III-VIII

Site wise details of Phasi Plantation @1600 Plants/Ha under AR Plantation

SI No	Name of Division	Location	Area	Geo-coordinates	
				Latitude	Longitude
1	Boudh	Karadapada VF	10	N 20.66060556	E 84.18417500
		Sindurpur VF	20	N 20.76258333	E 84.85188889
		Kharabhuin VF	5	N 20.59010833	E 84.53484167
		Badajharamunda VF	10	N 20.66805556	E 83.73833333
		Sanmanamunda VF	5	N 20.73820556	E 83.81695000
		Total-	50		
2	Gh. South	Sarabadi	10	N19.695482	E84.456666
		Bajraguma	10	N19 704454	E84.500389
		Total-	20		
3	Rairangpur	Gundurria DPF RWC	5	22.07599	86.212485
		Total-	5		
4	Subarnapur	Sarasmal	10	N21.12694	E83.65222
		Total-	10		
	Grand Total		85		

Annexure-III-IX

Site wise details of Rver Rejuvenaion Plantaion @1600 Plants/Ha under AR Plantation

SI No	Name of Division	Location	Area	Geo-coordinates	
				Latitude	Longitude
1	Cuttack	Sahadasuni of Jajpur Road Range	10	21 02 51.8	86 12 58.6
		Ranapal of Jajpur Road Range	10	20 56 56.3	86 17 04.3
		Total-	20		
2	Puri WL	Samerei Sasan Bhargabi River	10	20.098735	85.866121
		Kushabhdara River, Dhigalo	10	20.02972222	86.00555556
		Total-	20		
3	Subarnapur	Panimura	25	N20.585091	E83.645303
		Kartang	20	N20.915591	E83.785817
		Total-	45		
	Grand Total		85		

Annexure-III-X

Site wise details of Baldhill Plantaion @1600 Plants/Ha under AR Plantation

SI No	Name of Division	Location	Area	Geo-coordinates	
				Latitude	Longitude
1	Athgarh	Baniabandha RF	30	20 64 48.1	85 77 32.4
	Athgarh Total	Total-	30		
2	Nayagarh	Kurala DPF	15	19.997748	84.889033
		Bagadihi RL	10	20.408104	84.867685
		Hanuman Mundia RL, Kismat Ichhapur, Khalisahi	20	20 16 55.85	85 10 20.45
		Total-	45		
3	Phulbani	Majhipada	10	20.3792770	84.1040830
		Total-	10		
4	Baliguda	Siringia	5	20-09-52.2	84-08-08.08
		Poasa	10	19 43 27.9	84 02 51.9
		Tetepader	5	20 00 28.4	83 52 14.8
		Garang	10	19.88133	8.56534
		Similipadar	10	19.9293667	83.57217
		Dupi	10	19-53-57.4	83-38-58.3
		Sikaketa	10	20 00 31.1	84 09 46.1
		Pokari	10	19 55 54.1	83 58 2.6
		Mundigarh 'A' DPF	5	20 01 20.5	83 40 33.3
	Baliguda Total	Total-	75		
5	Boudh	Kirla RF	10	N 20.80680278	E 83.83437778
		Total-	10		
6	Gh. South	Suliaguda DPF	10	N19 38 37.5	E84 33 23.6
		Kantakhola DPF	10	N19 42 35.9	E84 33 45.7
		Total-	20		
7	Berhampur	K.Khududi	10	19.234972	84.574917
		Kathagada	20	19.615000	85.105528
		Badakharida	10	19.563750	84.844333
		Total-	40		
8	Parlakhemundi	Ramagiri	10	N 19 09 47.9	E 84 30 21.6
		R.Udayagiri	10	N 19 13 77.017	E 84.13 34.975
		Dungapani	10	N 19 58 46.05	E 84 13 23.9
		Total-	30		
9	Sambalpur	Bald Hill	30	N-21- 33- 23.07	E-83- 57- 57.02
		Total-	30		
10	Sundargarh	Mudarkhet	10	N 22 04 09.5	E 83 37 30.0
		Total-	10		
11	Rourkela	Andhari KF	10	N22 23 30	E84 41 35
		Katepur Beat	10	N22 28 52.02	E85 02 46.80
		Total-	20		
12	Deogarh	Talabahali K.F.	10	N 21.359892	84. 627923
		Naulipada K.F.	10	N 21 .353473	E 84.679417
		Total-	20		
13	Keonjhar WL	Baranga RF	10	21.078823	86.048674
		Total-	10		
	ANNUAL PLAN OF OPERATION 2022-23	Pajpata	10	N19.87977	E83.24590

14	Kalahandi North	Dhamankhunta	10	N19.998462	E83.260496
		Gajbahal	10	N20 22 34.3	E83 30 58.0
		Pendramal	20	N20 05 37.3	E83 02 26.0
		Borguda	10	N19 59 66.7	E82 50 36.2
		Total-	60		
15	Kalahandi South		10	N19.667904	E82.962932
		Derguda	10	N19.56208	E82.92244
		Pabli	20	N. 19 22 52.32	E. 82 43 40.92
		Chandpur	10	N.19 21 11.59	E. 82 47 10.33
		Tasiguda	15	N.19 27 06.05	E.082 54 26.08
		Kumdidongar	10	N 19 46 36.0	E 82 43 57.0
		Sankarpala	25	N19 45 12.4	E82 57 20.0
	Kalahandi South Total	Total-	100		
16	Subarnapur	Dubula-BH	20	N20.579119	E83.620668
		Khemaloe	15	N21.004728	E83.885394
		Total-	35		
17	Bolangir	Sindhekela	13	N20.23106	E82.87650
		Gandharla	10	N20.19682	E82.88951
		Sindhekela	7	N20.255335	E82.904626
		Sindhekela	5	N20.238951	E82.945575
		Gudkhpala	20	N20.55794	E83.55225
		Telapali	20	N20.60319	E83.56142
		Dumdumi	10	N20.86972	E83.47425
		Total-	85		
18	Khariar	Dabri	10	20.328936	82.637411
		Chacharabhata	10	20.085861	82.700509
		Total-	20		
19	Rayagada	Talarambha	10	19.482360	83.245157
		Argenda	10	19.427319	83.305039
		Keskapadi	10	19.125480	83.232830
		Sanapodia	20	19.288996	83.442628
		Sankesh	20	19.182736	83.313222
		Thutibar	15	19.207491	83.118198
		Kichikhal	15	19.242007	83.216380
		Sikakona	15	19.292145	83.219409
		Keshkeri	15	19.308094	83.188362
		Jalakhura	10	19.342061	83.171473
		Panasaguda	10	19.376614	83.197571
				Total-	150
20	Koraput	Bhitar Bhejaput	20	N18.751286	E82.914364
		Sargighati R.F	20	N19.15700	E83.92500
		Dumdangar	20	N19.085920	E83291030
		Godraguda	10	N18.891530	E83154240
		Metabera	10	N18.539575	E83.022760
		Subaie	10	N18.610487	E82.781646
		Sarabati	10	N18.525744	E82.764552
		Khinbar	20	N18.43511	E82.77422
		Ghatiguda	10	N18.43833	E82.79000

		Andurguda	20	N18.44882	E83.04602
		Total-	150		
21	Jeypore	Dhanibalsa	20	18.65910	82.31482
		Kathapada	10	18.6816	82.3432
		Kalothjodi	10	18.69333	82.25939
		Chandabeda	10	19.00744	82.74758
		Chandabeda	10	19.00925	82.74803
		Ambadaguda	10	19.13472	82.82003
		Total-	70		
	Grand Total		1020		

Annexure-III-XI

Site wise details of Fodder & Fruit Plantaion @1600 Plants/Ha under AR Plantation

SI No	Name of Division	Location	Area	Geo-coordinates	
				Latitude	Longitude
1	Dhenkanal	Kapilash RF	10	20.40552	85.52475
	Total-		10		
2	Phulbani				
	Total-		0		
3	Rourkela				
	Total-		0		
4	Rayagad				
	Total-		0		
	Grand Total-		10		

Annexure-III-XII

Site wise details of Casurina Plantaion (in Protected areas only) @2500 Plants/Ha under AR Plantation

SI No	Name of Division	Location	Area	Geo-coordinates	
				Latitude	Longitude
1	Puri WL	Tikina	10	19.5142	86.116
		Palanka	10	19.743996	85.675692
		Chapamanika	20	19.737871	85.660313
		Total-	40		
2	Rajnagar WL	Jatadharatanda PRF (Casuarina) AR Plantation	6	20°-12'-31"	86°-34'-07"
		Hetamundia PRF (Casuarina) AR Plantation	6	20°-19'-11"	86°-43'.44.0"
		Total-	12		
3	Chilika WL	Berhampura PRF - Casuarina Plantation @2500plants per Ha	30	19.625894	85.413007
		Rambhartia PRF-Casuarina Plantation @2500plants per Ha	20	19.673428	85.53179
		Total-	50		
4	Berhampur				
		Total-	0		
5	Balesore WL	Hanskara PRF	15		
	Balesore WL	Barajadeuli	25		
		Total-	40		
	Grand Total		142		

Annexure-III-XIII

Site wise details of Mangrove @2500 Plants/Ha under AR Plantation

SI No	Name of Division	Location	Area	Geo-coordinates	
				Latitude	Longitude
1	Puri WL	Kadua river	8	19.91137778	86.21553611
		Total-	8		
	Grand Total-		8		

Annexure-III-XIV

Site wise details of Mangrove Plantation (Hypocotyle) @4445 Plants/Ha under AR Plantation

SI No	Name of Division	Location	Area	Geo-coordinates	
				Latitude	Longitude
1	Rajnagar WL	Jogidhanakuda PRF AR	100	20°-19'-11.0"	86°-41'-23.0"
		Sunei-Rupey AR	20	20°-39'-41"	86°-53'-12"
		Beri (West Orasahi) AR	10	20°-35'-58.9"	86°-51'-38.9"
		Maharabanka(Kathuaganda) AR	10	20°-35'-25.3"	86°-50'-48.1"
		Total-	140		
2	Bhadrak WL	Garmal PRF	8	20.79333	86.91694
		Gopabandhunagar	7	21.035	86.85944
		Total-	15		
	Grand Total-		155		

Annexure-III-XV

Site Wise details of Miyawaki Plantation @8000 Plants/Ha.					
Sl No.	Name of Division	Location	Qty.	Geo-coordinates	
				Latitude	Longitude
1	Cuttack	At Pataranga of Jajpur Road Range	2	20 57 27.63	086 07 29.16
2	Khordha	Taratua	2	20.20272	85.59133
3	City Forest	Brajabiharipur	1	20.486525	85.816342
	Total-		5		

Annexure-III-XVI

Site wise details of ANR Plantation @ 200 Plant/Ha 2nd Year maintenance

Sl	Name of Division	Location	Area in Ha.	Geo-coordinates	
1	Angul	Balanga-4	100	20.702222	84.988111
		Katada-4	50	20.882944	84.846000
		Simlipathar-2	50	20.952270	84.815780
		Devinagar PRF	50	21.052730	84.798060
		Kankurupal RF	50	21.115310	84.918670
		Mandargiri RF	100	20.791498	85.004029
		Seepur RF	50	21.181110	85.187830
		Sunaposi KF	50	21.250250	84.944500
		Durgapur Danda RF	50	21.116278	85.080306
		Badakathia RF	50	20.997694	84.991833
		Total-	600		
2	Dhenkanal	Maulabhanja RF	150	20 50 09.0 20 55 43.0 20 56 44.9	85 39.44.9 85 39 5.0 85 39 04
		Khalpal RF	200	20 57 08.3 20 57 05.0	85 15 50.2 85 15 48.0
		Anlaberani RF	50	20 49 57.5	85 32 46.01
		Kankili RF	50	20 51 57.42	85 26.13.38
		Total-	450		
3	Cuttack	Inside Dalijora RF near Bhaliaduburi of Dalijora Range	50	20 39 26.9	85 52 08.6
		Panchavaya PRF of Dalijora Range	50	20 35 17.0	85 59 26.0
		Sundaria PF of Dalijora Range	50	20 43 23.0	86 09 09.0
		Kantigadia PRF of Dalijora Range	75	20 41 48.0	86 10 22.0
		Bajragiri PRF of Dalijora Range	50	20 41 59.0	86 13 06.0
		Dalijora RF near Banjhama of Dalijora Range	100	20 39 34.0	85 51 18.0
		Karanji PRF of Dalijora Range	125	20 40 54.0	85 54 30.0
		Bamanagar(Mahagiri DPF) of Sukinda Range	30	21 01 42	85 50 26
		Sendhapadia(Mahagiri DPF) of Sukinda Range	40	21 01 04	85 48 28
		Pumudia(Mahagiri DPF) of Sukinda Range	20	21 01 07	85 50 34
		Rankia(Mahagiri DPF) of Sukinda Range	20	21 01 02	85 50 57
		Chatkiposi(Mahagiri DPF) of Sukinda Range	20	21. 014021	85.821435
		Kenduakana(Mahagiri DPF) of Sukinda Range	50	21 02 23	85 55 12
		Gurujanga(Daitari DPF) of Sukinda Range	50	21 3 59.15	85 46 22.33
		Ostopal(Daitari DPF) of Sukinda Range	50	21 4 3.33	85 48 16.96
		Kumutibahali(Mahagiri DPF) of Sukinda Range	50	21 5 54.39	85 44 24.36
		Panasia(Mahagiri DPF) of Sukinda Range	50	21 0 58.9	85 47 36.1
		Nagada(Daitari DPF) of Sukinda Range	120	21 8 27.77	85 43 10.17
		Nagada(Daitari DPF) of Sukinda Range	200	21 8 27.77	85 43 10.17
Samrpita inside tomka DPF	50	21 6 12.10	85 56 19.97		
Kendupura Inside Daitari DPF	50	21 04 10.17	85 51 55.32		
Durgapur Inside Mohagiri DPF	100	21 04 07.0	85 58 24.8		
		Total-	1400		
4	Khurda	Chakadapathara DPF	50	19 52 31.1	85 13 49.8
		Champagarh DPF.	50	19 47 33.41	85 04 45.67
		Chulijhinka DPF.	50	19 49 22.28	85 01 02.28
		Jharan DPF.	50	19 49 06.01	85 04 59.03

		Nuapada B R.F.	50	19 59 25.31	85 23 52.87
		Mal RF, C/15	50	19 56 52.00	85 09 15.94
		Total-	300		
5	Puri WL	Compartment No.IV,VI,VII of Balukhanda RF	75	19 49 29.21	85 51 57.20
		Compartment No.XIII & XIV of Balukhanda RF	75	19 50 47.53	85 55 07.69
		Total-	150		
6	Rajnagar WL	Jambo PF	30	20 24 16	86 43 42
		Kantilo RF	20	20 29 01	86 42 03
		Suniti PRF	10	20 28 36	86 43 37
		Nadiakhia	100	20 00 13.48	86 24 22.42
		Balitutha	20	20 14 32.47	86 32 08.34
		Jatadhari Tanda PRF	30	20 09 01.56	86 30 1.54
		Kansaripatia PRF	40	20 19 00	86 42 25.0
		Total-	250		
7	Nayagarh	Hatimunda RF	150	20 13 54.70	85 04 08.60
		Ratadei RF C/2	50	20 08 0.48	84 50 59.69
		Ragadimada RF C/3	50	20 13 35.48	84 53 17.59
		Palva RF	100	20 11 11.0	84 55 11.3
		Dengabahada RF	150	20.381356	84.800416
		Bankamunda RF	100	20.413312	84.92724
		Sapua RF	200	20 14 15.09	85 06 46.01
		Gochha RF C/14	50	19 96 31.46	85 128498
		Gochha RF C/18	150	19 56 43.00	84 57 11.00
		Total-	1000		
8	Chilika WL	Karakhola PRF	75	19 34 32.81	85 08 11.77
		Sanaghati PRF	50	19 27 37.92	85 06 48.48
		Sunakhala DPF	75	19 50 18.84	85 16 59.00
		Total-	200		
9	City Forest	Mendhasal RF (Bhubaeswar Range)	50	20 16 28.7	85 43 44.9
		Total-	50		
10	Phulbani	Krandibali E RF(Near Damapada)	100	20 24 12.2	84 02 44.5
		Bandhagada B RF(Near Chadeipali)	100	20 16 17.4	84 10 29.5
		Nuapadar RF(near Nuapadar)	100	20 18 36.4	84 01 03.0
		Gochhapada RF(near Lohra sahi)	100	20 27 37.6	84 00 57.2
		Balandapada South PRF (Near Pahiraju)	100	20 26 10.0	83 53 23.7
		Katingia PRF(Betikala)	50	20 12 23.8	84 24 12.2
		Jobedi RF(Near Jobedi)	50	20 11 14.1	84 23 47.5
		Gadingia RF(Near Gadingia)	50	20 11 56.5	84 25 09.1
		Padangi RF(Near Sindrigaon)	50	20 08 15.1	84 13 53.6
		Padangi RF(Near Kalungia)	50	20 10 02.3	84 11 25.5
		Paburia PRF(Near Penabida)	50	20 12 13.2	84 16 44.0
		Linepada RF(Near Malansuga)	50	20 13 48.2	84 21 33.7
		Linepada RF(Near Tirikotta)	50	20 19 46.8	84 21 40.1
		Linepada RF(Near Panabadi)	50	20 18 26.1	84 20 0.7
		Tudubali RF(Near Uparsahi)	50	20 13 48.2	84 18 30.3
		Gumagada RF (Dubaghati)	100	20 22 16.8	84 17 30.0
		Katringia PRF(Dhipapada)	50	20 30 26.5	84 03 07.8
		Kalabagh RF(Krandipadar)	50	20 32 7.9	84 07 0.9
		Brutanga North RF (Kalipadar)	50	20 21 33.0	84 26 27.9
		Brutanga North RF (Gurandi)	50	20 22 21.2	84 26 53.2
		Khajuripada RF (Mundabrudi)	50	20 27 34.8	84 26 24.5
		Khajuripada RF (Dareju)	50	20 27 14.3	84 26 21.5
		Phulbani PRF (Panaspadar)	50	20 29 43.5	84 15 25.8
		Dakpala A RF (Damigaon)	50	20 28 37.7	84 13 3.1
		Total-	1500		

11	Baliguda	Babejar	50	20 24 57.6	83 41 43.2
		Kirangaon	50	20 23 30.3	83 44 20.8
		Satamaska	50	20 12 27.3	83 46 16.1
		Manikuti	50	20 08 02.1	83 54 16.5
		Japimaska	50	20 10 36.7	83 53 51.3
		Midiapanga	50	20 06 57.7	83 50 23.5
		Kurunguli	25	20 10 50.8	84 04 25.8
		Gunjibadi	25	20 05 36.4	84 08 30.9
		Makabali	50	20 03 38.2	84 09 48.6
		Bandudi	50	20 08 57.6	84 08 19.7
		Naunbali	50	20 10 26.4	83 59 09.1
		Takimaha inside Pokari R.F	50	19 56 50.2	83 59 30.8
		Karipanga Inside Adaki PRF	50	20 00 09.2	84 03 48.6
		Janabadi inside Pangali D DPF	50	19 49 51.0	84 03 26.7
		Midiaguta inside Pangali A DPF	50	19 52 46.5	84 03 01.6
		Bugimaha	50	19 54 18.9	84 06 00.3
		Kaliguda	50	20 02 14.7	84 12 05.2
		Sundarpanka	50	19 42 25.1	84 4 55.2
		Poiguda	50	19 40 32.4	84 3 38.2
		Brahmunigaon	50	19 40 4.7	84 4 14.6
		Putudumaha	50	19 39 40.4	84 1 40.4
		Baghapada	50	19 39 47.9	84 7 41
		Budanai S PRF	50	20 02 14.0	83 41 41.8
		Kalisapadar (Madaguda RF)	50	19 56 38.2	83 43 15.8
		Budanai S PRF	50	20 05 01.7	83 45 32.6
		Bandangpada RF	25	19 56 09.3	83 43 36.5
		Dubing (Tumudibandha UDPF)	25	19 57 18.1	83 45 54.8
		Talangpadar	50	19.9166	83.62974
		Birighati	100	20.006291	83.57027
		Sanakumudi	50	19.947495	83.61025
		Mundimaska	50	19 51 14.1	83 33 42.1
		Gugurmaha	40	19.998427	83.568505
		Jharighati	40	19.8822	83.71393
Kalsiguda	40	19.70467	83.72389		
Mandelmaha	40	19.82325	83.79289		
Talamadhuguda	40	19.83133	83.76832		
Bearmaha	50	19 47 18.9	83 53 13.3		
Deredi	50	19 43 16.3	83 51 48.2		
		Total-	1800		
12	Boudh	Majhisahi VF	100	20 71 02.65	84 25 14.56
		Aragarh RF C-8	50	20 40 29.2	84 32 55.1
		Mundeswar PRF	50	20 33 36.2	84 38 21.5
		Mundeswar RF C-39	100	20 34 57.5	84 30 59.7
		Panchara RF C-3	50	20 43 24.73	84 02 35.12
		Kankali RF	50	20 47 34.4	83 51 57.2
		Penajore RF C-9	100	20 40 28.97	83 56 11.70
		Sindurbhadi RF C-2	100	20 42 8.1	84 02 56.1
		Subarnagiri RF C-13	50	20 38 12.74	84 05 37.13
		Mundeswar RF C-1	100	20 25 27	84 33 30
		Podhal RF C-7	50	20 25 12	84 29 50
				Total-	800
		Kendulpalli in Suliaguda DPF	60	19 38 22.9	84 34 28.8
		Ramnapalli in Gouduni RF	50	19 42 29.7	84 39 05.1
		Asureipalli in Gouduni RF	50	19 43 00.6	84 39 55.0
		Panchmapalli in Machhakhai DPF	40	19 42 09.6	84 36 06.8
		Raipada RF	50	19 42 09.0	84 27 25.0
		Goudagotha UDPF	50	19 37 38.0	84 17 17.0

13	Gh. South	K.Dhougam	50	19 38 43.0	84 27 60.0
		Kiriamba RF, Compt. No.5	60	19 51 09.5	84 54 08.5
		Kiriamba RF, Compt. No.9	40	19 50 13.2	84 52 03.8
		Kiriamba RF, Compt. No.3	50	19 52 12.0	84 54 59.0
		Gallery RF C/5	50	19 58 59.7	84 32 37.7
		Gallery FR C/1	50	20 01 06.0	84 29 36.2
		Darpangia RF C/9	50	20 02 16.0	84 27 38.0
		Rambha RF C/1	50	20 05 02.8	84 29 51.3
		Kullada RF C/1	50	19 57 49.0	84 36 08.0
		Gallery RF C/14	50	20 03 50.9	84 32 14.7
		Vinjigiri RF C/3	50	19 45 12.1	084 29 47.3
		Kalimaba RF C/4	50	19 51 13.0	84 35 22.8
		Tiliki RF C/3	50	19 53 46.5	84 33 10.8
		Dimirijholi RF C/1	50	20 07 15.1	84 32 12.5
		Total-	1000		
14	Berhampur	Makhanpur	50	19 07 31.1	84 29 57.2
		Tinigharia	50	19 08 54.8	84 28 01.5
		Gangapur	50	19 00 28.3	84 28 08.2
		Bengaisahi	50	19 09 06	84 22 45.6
		Dutiasahi	50	19 07 04.2	84 23 44.2
		Jarimundra	50	19 33 39.1	85 03 41.2
		Khallikote	40	19 35 14.1	85 03 19.3
		Khajapalli	40	19 41 32.0	85 04 28.0
		Lunighara	25	19 16 58.5	84 42 16.0
		Ramadiha	25	19 13 44	84 38 41
		Ambagam	50	19 15 22.8	84 27 08.5
		Birabarapalli	50	19 17 55.9	84 31 17.3
		Batamahulpada	50	19 18 10.3	84 38 10.8
		Damodarpur	50	19 18 29.3	84 29 30.5
		Total-	630		
7	Parlakhemundi	Ankarada	50	18 99 79.57	83 81 23.29
		Buruda	50	18 81 62.34	83 94 28.35
		T.Govindapur UDPF	100	19 30 32.31	84 25 10.13
		Mahulapada in P.Govindapur UDPF	50	19 33 50.10	84 19 59.22
		Dhepaguda in Chandragiri RF	100	19 22 14.40	84 20 55.10
		Dhadiamba in Jodamba B RF	50	19 20 17.04	84 15 37.57
		Sariapalli	50	18 49 22.2	84 16 08.0
		Magada	50	18 18 54.5	84 15 15.9
		Souraguda	50	19 01 35.5	84 07 30.6
		Devagiri RF	50	18 91 22.22	84 06 58.33
		Tarava	50	19 12 80.97	84 19 24.0
		Bhamarapur	50	19 08 56.5	84 05 62.6
		Bhurudi	30	19 49 38.35	84 12 79.53
		Hadupadar	30	19 44 10.5	84 12 8.13
		Chanchadapalli	40	19 47 43.8	84 04 32.2
		Puttar Guma	50	18 98 85.40	84 24 98.27
		Kekising	50	18 02 38.96	84 27 90.37
		Poipani	50	19 11 34.1	84 20 3.0
		Raising UDPF	50	19 18 71.02	84 32 20.72
		Total-	1000		
1	Jharsuguda	Rajpur PRF	50	21 52 56.34	83 49 34.63
		Dhawjamura PRF	50	21 58 11.00	84 11 43.00
		Lambdungri PRF	50	21 52 16.73	84 18 40.93
		Pikol DPF	100	21 79 50.63	83 76 47.53
		Total-	250		

2	Sambalpur	Lumdunguri RF	50	21 30 18.97	84 04 24.46		
		Jaduloisingh-Gundaghar RF	50	21 20 08.62	84 03 06.82		
		Total-	100				
3	Rairakhol	Landakot R.F	50	21 11 07.90	84 17 25.02		
		Kholgarh R.F	50	21 05 40.37	84 22 29.90		
		Hatidhara R.F	50	21 04 25.56	84 27 55.02		
		Sagjori PRF	100	21 07 15.11	84 01 07.17		
		Sanrengali PRF	20	20 58 39.26	84 16 40.77		
		Tal RF	30	21 02 24.72	84 17 32.54		
		Tal RF Compt No. 3	50	20 59 53.9	84 16 0.2		
		Lampaphuli	50	21 10 28.27	84 28 54.67		
		Landakote(GCP)	50	21 15 12.68	84 20 57.95		
		Hiraloi	50	21 19 43.34	84 18 56.46		
				Total-	500		
4	Bargarh	Jhanjpahad PRF	50	21 11 02.6	83 16 48.7		
		Kadalijharan PRF	100	20 56 31	82 58 14		
		Mahadasini PRF	100	20 54 8.4	83 17 1.8		
		Guthurla PRF	100	20 55 55	83 11 01		
		Kamalapadar B PRF	50	20 54 06	83 13 35		
		Buchipatra PRF	50	20 57 21.8	83 17 56.0		
		Jhanjpahad PRF	80	21 07 00	83 02 11		
		Adhual PRF, Cheliamal	100	21 00 59.9	82 51 35.1		
		Jhanjpahad PRF	50	21 11 02.6	83 16 48.7		
		Kadalijharan PRF	100	20 56 31	82 58 14		
		Mahadasini PRF	100	20 54 8.4	83 17 1.8		
		Guthurla PRF	100	20 55 55	83 11 01		
		Kamalapadar B PRF	50	20 54 06	83 13 35		
		Buchipatra PRF	50	20 57 21.8	83 17 56.0		
		Jhanjpahad PRF	80	21 07 00	83 02 11		
		Adhual PRF, Cheliamal	100	21 00 59.9	82 51 35.1		
				Total-	1260		
5	Bamara WL	Bandhabar RF (Near Birdabahal of Jurajam beat)	100	22 4 31.44	84 25 41.28		
		Salohi DPF	40	21 55 53.64	84 24 4.17		
		Kuntrabahal DPF (Near Dumerbahal)	50	21 58 45.92	84 29 25.45		
		Bandbarar Rf Near Demundunguri Mainaguda Site	30	22 4 24.97	84 23 26.81		
		Parimunda DPF	40	21 56 45.33	84 23 49.03		
		Mundkata ANR Plantation	40	21 54 29.23	84 26 26.64		
		Langposh- Baliturei	30	21 52 14.91	84 30 18.46		
		Pravasuni RF,	50	21 34 14.2	84 29 6.0		
		Kanibandhali PRF	40	21 29 36.3	84 11 44.8		
		Total-	420				
1	Sundargarh	Dheknapani RF	100	21 48 30.9	083 41 49.9		
		Chotbhanga	50	22 01 37.9	83 57 16.5		
		Rajpur RF	50	22 12 22.0	84 05 32.0		
		Kiralaga RF	100	22 21 13.3	84 08 36.7		
		Peruabhadi	50	22 14 39.4	84 08 23.1		
		Tiklipara	50	22 10 29.36	84 16 37.89		
		Banjikachar DPF	50	22 08 05.2	83 42 29.1		
		Dhangergudi RF	100	22 13 43.1	83 45 00.6		
		kadomal DPF	100	22 07 09.8	83 49 19.3		
		Kulabira DPF	50	22 04 33.85	83 48 34.8		
		Jamkani	200	22 05 55.3	83 36 25.8		
				Total-	900		
				Jagdishpur VF	50	22 15 59.1	84 43 27.2
Jugsai RF	30			22 15 48.5	84 41 24.9		
Tainser DPF	50			22 04 39.7	84 47 13.1		

2	Rourkela	Rutkupati RF	100	22 07 01.8	84 44 53.8
		Balanda DPF	50	22 11 26	84 44 36
		South Chirobeda RF	100	22 10 04.00	84 55 34.00
		North Chirobeda RF	100	22 11 18.14	84 55 17.75
		Ergeda RF	100	22 07 42.46	84 55 00.46
		Ghagari RF	20	22 21 47.26	84 40 49.00
		Jharbeda RF	150	22 03 49.0	85 02 35.0
		Mahura RF	100	22.029846	84.932323
		Mahura PRF	50	22.083829	84.934546
		Jharbeda RF	50	22.05478	84.963511
		Topkurlu Compt.	50	22 05 16.0	84 36 47.4
		Chhatam RF	50	22 05 23.2	84 34 54.9
		Haldipani RF	50	22 11 39.06	84 40 53.84
		Datni RF	50	22 17 22.70	84 34 33.60
		Gudgudjore	100	22 330.2	84 849.9
mahipani RF	100	22 18 08.0	85 04 08.2		
mahipani KF	50	22 18 12.7	85 04 49.4		
		Total-	1400		
3	Bonai	Raipiri RF	150	21 52 17.0	84 37 23.3
		Amrudhi PRF	100	21 53 43.87	85 02 10.35
		Soleguda RF	200	21 56 56.1	84 37 44.0
		Kunjar RF	50	21 54 55.16	84 37 47.27
		Total-	500		
1	Baripada	Bartana RF	50	21 41 19.80	86 55 55.91
		Jamukunda	100	22.31547	86.50839
		Dighi RF	50	22.17912	86.6308
		Kutling (Fuljhari RF)	30	21 36 01.0	86 30 32.0
		Dhaundia RF	30	21 37 15.0	86 44 08.0
		Total-	260		
2	Karanjia	Satkosia RF compt No-8	50	21 19 49	86 10 42
		Satkosia RF compt No-16	50	21 21 21.4	86 15 24.4
		Satkosia RF compt No-19	50	21 24 11	86 14 7.1
		Satkosia RF Compt No-9	50	21 19 49.8	86 13 32
		Goudiabahali RF	50	21 24 36.7	86 10 34.4
		Satkosia RF compt No-10	50	21 19 13.5	86 11 23.1
		Banamunda RF	50	21 26 57.0	86 14 57.4
		Mahuliasoli RF	50	21 54 41.0	85 51 30.0
		Total-	400		
3	Rairangpur	Jari R.F.	50	22 21 48.6	86 18 56.2
		Gorumahisani RF near village Badadara	30	22 17 46.7	86 14 07.1
		Naskari RF	30	22 18 16.3	86 15 00.0
		Gorumahisani RF near village Kukurjaharan	30	22 17 30.9	86 15 32.3
		Dahupani DPF near village Jhulan	50	22 25 07.6	86 16 55.6
		Gorumahisani RF near village Sitalsahi	40	22 15 18.7	86 16 41.3
		Tiring R.F.	100	22 31 56.7	86 04 47.0
		Bankamundi RF near Tapagutu	100	22 27 30.8	86 07 36.9
		Ramghar-Asurghaty RF near Dumatandi village	50	22 29 03.1	86 08 00.7
		Bhitaramda DPF near potkadihi village	50	22 24 15.8	86 14 03.7
		Badampahar R.F. near village Hatisikuli	65	22 8 42.7	86 12 16.2
		Badampahar R.F. near village Bhitaramda.	40	22 6 58.4	86 11 35.9
		Badampahar R.F. near village Kantasola	40	22 4 51.7	86 8 45.1
		Badampahar R.F. near village Chaunradihi	40	22 4 31.5	86 8 8.3
		Jaidhanposi DPF near village Pahadpur	25	22 6 45.9	86 7 23.7
Badhatnabeda DPF near village Badhatna beda	60	22 4 50.4	86 0 3.3		

		Khadambeda R.F.	50	22 09 49.5	86 25 21.6
		Sanbalichua V.F	50	22 09 30.9	86 28 23.8
		Total-	370		
4	Balesore WL	Inside Kuldiha RF	50	21.426333	86.593022
		Total-	50		
5	Keonjhar WL	Santoshpur RF-BTN-Iv (compt. No. 16)	503	21.355362	86.103246
		Atei RF-SGP-iv(compt. No. 57)	809	21.314651	85.988025
		Rebana RF-DNT-iv (compt. No.6)	688	21.281542	85.697603
		Total-	2000		
1	Kalahandi North	Kharsel	100	20 05 16.7	83 03 24.4
		Tendopani	50	20 02 39.3	82 50 47.2
		Grindol	50	20 03 01.3	82 48 46.9
		Bokrasil	100	19 58 05.0	82 43 31.8
		Dumria	150	20 07 20.6	82 58 54.7
		Kantamal	50	20 09 12.5	82 56 30.6
		Sadel B RF	50	20 14 05.1	83 24 18.0
		Sadel A RF	50	20 12 08.9	83 30 34.0
		Taparang RF	50	20 10 06.2	83 36 12.3
		Podgudi PRF	50	20 16 45.3	83 29 37.6
		Taparang RF	50	20 12 50.2	83 34 35.6
		Lundrubaru	100	20 04 49.7	83 33 42.3
		Budalguma	100	20 00 22.4	83 23 24.6
		Karaladangar	100	20 00 13.6	83 21 39.9
		Kamarda	100	20 00 46.3	83 26 20.5
		Kamarda	50	20 01 38.9	83 26 02.5
		Sirliguda	50	19 51 05.0	83 08 24.0
		Ampada	50	19 52 30.4	83 06 37.3
		Turpi	100	20 02 07.8	83 04 23.5
		Gunang	50	19 59 09.0	83 17 23.3
		Ghupti	50	20 00 19.3	83 15 34.7
		Ranikata	50	19 31 32.3	83 08 03.4
		Kolgaon	50	19 31 32.3	83 08 03.3
		Gubhapada	50	19 53 51.7	83 14 16.6
		Bijkhaman	100	20 15 39.1	83 18 59.2
		Kantesir	150	20 13 33.2	83 16 13.1
		Singharan	100	20 13 38.3	83 18 04.2
		Thapen	50	20 15 46.2	83 21 39.8
		Dumermunda		20 11 28.2	83 15 38.5
		Gokuleswar	100	20 06 09.0	83 14 26.1
Sourapadar	100	20 12 27.7	83 18 03.5		
Boringpadar	100	20 03 48.0	83 19 50.0		
Kundeijharan	150	20 13 47.7	83 20 17.6		
		Total-	2500		
2	Kalahandi South	Tumrikhol	300	19.431322	82.70612
		Totapada	200	19.400876	82.730813
		Bhalujore	200	19.36842	82.725074
		Padepadar	200	19.334379	82.829717
		Kutru	300	19 34 40.1	82 35 45.8
		Dabriguda	100	19 35 03.7	82 35 53.2
		Banamalipur	100	19 51 35.9	83 00 23.13
		Jharbandh RF	100	19 48 40.6	83 04 48.8
		Pariagaon (Pariagarh RF)	60	19 54 05.4	82 58 23.9
		Bijepur PRF	100	19 33 49.3	83 14 38.1
				Total-	1660
		Hatilimunda	100	20 59 57.49	84 7 29.93
		Gudguda	100	21 2 25	84 4 41
		Sangrampur	100	20 56 20	84 11 22

3	Subarnapur	Kasalpur(Jhikinal)	100	20 55 54	84 11 49
		Pitamahul	100	20 55 36	84 13 32
		Chauhanpur	50	20 54 29.66	84 12 36
		Thakurpur	50	20 50 31	84 17 54
		Sindhasan RF	50	21.147598	83.887416
		Sindhasan RF	50	21.086415	83.867192
		Gheekundi RF (Jeypore)	50	20 55 44.088	83 59 15.57
		Baslat	100	20 54 11.70	83 37 21.60
		Jamkhol	50	20 52 13.00	83 42 43.00
		Ranisarda	50	20 52 17.00	83 34 54.00
		Kharjhura	50	20 46 45.00	83 45 07.00
				Total-	1000
4	Bolangir	Uparjhar	50	20 33 06.0	83 32 25.5
		Ghudkapala	50	20 36 18.6	83 30 07.1
		Kharlikani Matkhai	50	20 39 42.0	83 27 20.5
		Budalagen RF	50	20 46 43.6	83 22 12.2
		Sarpani R.F. & VF	50	20 26 38.9	82 42 33.7
		Kalinili R.F.	50	20 25 28.77	82 45 13.04
		Gourgout VF	50	20 30 44.9	83 33 02.7
		Sunaadiki RF	50	20 33 35.1	83 24 30.8
		Gandhamardan RF	100	20 52 47.6	82 54 23.6
		Gandhamardan RF	50	20 51 47.4	82 52 58.8
		Gandhamardan RF	50	20 49 55.9	82 49 40.1
		Kapasia RF	50	20 51 18.3	82 58 11.1
		Gandhamardan RF	100	20 46 38.4	82 47 12.6
		Gandhamardan RF	100	20 48 56.2	82 49 01.4
		Raju RF	50	20 30 39.9	82 45 59.1
		Patpani RF	50	20 31 33.3	82 43 08.1
		Sargul	50	20 24 45.1	82 52 13.6
		Bakbahl RF	50	20 28 02.3	82 45 46.9
		Lami RF	50	20 32 58.1	82 46 12.9
		Mahanilaha	100	20 34 24.7	82 48 31.9
		Kandagarh	50	20 35 20.04	82 46 46.82
		Bhalukuna	50	20 35 59.36	82 44 06.87
		Masina	100	20 40 40.51	82 45 38.92
		Pipalbahal	50	20 37 06.9	82 48 02.2
		Bharuamunda	50	20 41.937	82 49.061
		Bender	50	20 38.971	82 49.766
		Dhaurakhman	100	20 37 51.52	8251 04.90
		Kurlumal	50	20 42.292	82 51.395
		Pandkimal	50	20 41.130	82 52.611
		Sandhimunda	50	20 40.350	82 55.658
		Rengali	150	20 40.084	82 55.899
		Pathargarh	50	20 53 25.1	83 27 30.5
		Barapahad	50	20 53 12.0	83 35 27.4
		Bhandarbanji	50	20 48 15.0	83 14 51.0
		Babejuri	200	20 25 11.1	83 04 00.4
		Govindpur	50	20 27 11.0	83 06 53.8
Belbanji	50	20 22 44.8	83 04 39.1		
Chikinibahali	50	20 21 40.7	83 07 04.2		
Kiribanji RF	100	20 33 36.0	83 11 19.0		
Changaria RF	50	20 45 50.4	83 05 47.5		
Kharsel RF	50	20 50 44.0	83 03 27.8		
Kusumkani RF	50	20 47 19.0	83 00 59.0		
Dharapgarh	100	20 24 03.85	83 12 54.26		
		Total-	2800		

5	Khariar	Khandapada	50	20 03 02.0	82 29 45.1
		Tankamal	50	20 03 10.8	82 28 13.3
		Phulchi	50	20 06 17.3	82 29 32.2
		Karlapani	50	20 04 26.0	82 40 42.1
		Kokpadar	50	20 01 52.0	82 44 09.1
		Patialpada	50	20 01 24.4	82 41 43.8
		Dumerbahal	50	20 10 40.4	82 29 30.5
		Bodabahali Pada	50	20 08 21.2	82 27 47.10
		Jhagrahi	20	20 31 12.43	82 34 49.58
		Kirekela	50	20 23 55.16□	82 36 18.84
		Kamarkhol	50	20 20 34.22□	82 35 0.41
		Margaon	50	20 19 33.67□	82 37 33.78
		Dharamsagar	50	20 25 35.9□	82 41 09.10
		Tulsipada	50	20 10 16.07	82 44 4.81
		Hatpatada PRF	50	20 22 48.36	82 42 36
		Dharamsagar	50	20 25 35.9□	82 41 09.10
		Tulsipada	50	20 42 40.68	82 44 4.81
		Mahulkote	30	20 42 40.68	82 44 4.81
		Kuimunda	50	20 20 44.02	82 28 23.05
		Sahajpani	50	20 20 15	82 29 28.03
		Bhamraj	50	20 13 15.85	82 26 40.35
		Charkachar	50	20 15 29	82 26 11
		Dhobei	50	20 17 21.01	82 31 58.04
		Jampani PRF	50	20 54 46.1	82 37 30.9
Dhamanpuri	50	20 44 27.24	82 32 43.59		
Gidhnipani	50	20 50 14	82 21 57		
		Total-	1250		
6	Sunabeda WL	Near Pethapali	50	20 43 34.0	82 24 35.7
		Sagun Dongari	50	20 39 23.8	82 24 45.7
		Gatibeda	50	20 31 39.2	82 29 26
		Kurkuta	50	20 33 49	82 32 52.3
		Michhapali	50	20 33 11.2	82 31 06
		Chereichuan	50	20 32 21	82 24 28.8
		Rajakendu	50	20 39 17.5	82 26 19.0
		Phulwari	50	20 41 02.0	82 29 05
		Dhutichuan	50	20 26 42	82 31 38
		Kholigaon	50	20 24 5	82 26 58
		Kebdiam	50	20 29 12	82 25 39.0
		Ulat	50	20 43 43.0	82 29 29
		Kendumathan	50	20 35 59	82 32.16.0
		Mundapala	50	20 41 53.0	82 24 38.15
		Near Chuapada	50	20 39 52.28	82 24 18.8
		Rajakendu	50	20 39 15.5	82 26 19.0
		Near Phulwari	50	20 41 02.0	82 22 15.0
		Arenjhola (Jharlama)	50	20 37 06.0	
				Total-	900
		Kodupadu	50	19.198410	83.330086
		Bada Lukuti	50	19.089515	83.457603
		Baisingh	50	19.159150	83.460540
		Pusubadi	50	19.218082	83.302113
		Kumango	50	19.187321	83.256276
		Kotaganda	100	19.192161	83.308294
		Kutingguda	100	19.132480	83.196430
		Sana Kutuli	100	19.097400	83.193340
		Pipalpadar	100	19.108260	83.177110
		Titijholla	100	19.144430	83.305620
		Mirabali	150	19.097875	83.555615

1	Rayagada	Jumudi	100	19.146575	83.608746
		Sikapadar	50	19.509950	83.374020
		Podachuan	50	19.427673	83.278747
		Kondakora	50	19.396762	83.275056
		Panasaguda	50	19.416740	83.275914
		Dantlingi	50	19.398715	83.382220
		Rinjabadi	50	19.409873	83.387627
		Boripai	50	19.335256	83.272762
		Pungabeda	50	19.320383	83.355026
		Minakhunti	150	19.314264	83.205088
		Badamatru	250	19.326944	83.230000
		Jerka	100	19.381932	83.259705
		Kaliapada	100	19.170440	83.136510
				Total-	2000
2	Koraput	Bidaghati PRF	50	18.832071	82.651853
		Panasput PRF	50	18.815325	82.801711
		Sargighati RF	50	19.05781	83.84712
		Kurjumali RF	50	18.54295	82.58166
		Palur RF	50	18.948683	83.164818
		Chinaloda PRF	50	18.818610	83.180900
		Nandapur PRF	50	18.561942	82.751665
		Jubarajguda PRF	50	18.528571	82.850784
		Bhimdol RF	50	18.2355.0	82.4209.0
		Andraguda RF	50	18.1803.4	82.3831.1
		Anumanjar PRF	50	18.50641	82.54085
		Ghodabeda PRF	50	18.56990	82.48096
				Total-	600
3	Jeypore	Lakhmaliaguda	50	18.8603	82.2983
		Kupuliguda	50	18.7612	82.3106
		Majhiguda RF	20	18.7770	82.2493
		Bagjholla (Dhondrakhol RF)	50	18.7938	82.1931
		Ghodaghat B PRF	50	18.9075	82.2521
		Kadlimunda	50	18.9472	82.3732
		Asana	50	18.9017	82.3304
		Hatikhal	50	18.8587	82.2543
		Dangarchinchi	25	18.8040	82.5310
		T Sanganaguda	25	18.7933	82.5453
		Phampuni	50	18.8922	82.4832
		Sangabadi	25	18.8938	82.6383
		Ghatagumar	25	18.8336	82.6108
		Pothanguda Chitra RF	30	19.0835	82.4005
		Raniguda	30	19.0273	82.3769
		Ambogaon prf	40	19.0469	82.2129
		Demaguda	100	19.0360	82.7083
		Jodaput	30	19.0435	82.5344
		Kathargada RF	20	19.1123	82.7410
		Total-	770		
4	Nabarangpur	Mundaguda RF	150	19 23 1.05	82 30 56.8
		Phatakote RL	50	19 19 10.72	82 34 17.28
		Kusumi PRF	100	19 27 20.0	82 11 04.5
		Attigam	50	19 15 17.8	82 14 30.6
		Parsubeda VSS	50	19 31 01.9	82 16 34.5
		Janiguda	100	19 25 49.8	82 29 23.7
		Simla RF	50	19 25 48.0	82 33 17.7
		Jamuguda	50	19 29 23.4	82 32 04.3
		Beheda RL	50	19 48 39.74	82 7 53.98
		Beheda RL	25	19 47 54.56	82 8 10.57

		Singisari RF	50	19 32 29.47	82 9 1.62
		Torenga RF	100	19 29 31.2	82 9 28.4
		Batajhara	100	19 49 23.2	82 22 57.8
		Kasipani	100	19 44 48.7	82 31 40.3
		Jodapara	50	19 55 86.1	81 56.277
		Total-	1075		
5	Malkangiri	P.Madakaguda	35	18.61756	82.23918
		Meka	50	18.54967	82.07787
		Sarangpalli	30	18.66082	82.14482
		Bangurupoda	50	18.10406	82.14575
		Lambasing	50	18.0869	82.1305
		Dantunuguda	40	18.09142	82.17506
		Tekpadar	40	18.041668	82.135768
		Bodaput	40	18.13944	82.20861
		Badakonda	30	18.0852	82.05607
		Bidalpakna	40	18.18306	82.29972
		Mahupadar	30	18.28819	82.06552
		Ambaguda	30	18.17439	82.02385
		Alekhguda	30	18.25968	82.11464
		Alma	30	17.88000	81.42750
		Koyaguda	40	17.92481	81.65082
		MV-113	20	18.00674	81.56115
		Sargiguda	20	18.49068	82.01674
		Gangala	40	18.43824	82.08223
		Jharapalli	40	18.44434	81.89322
		Dhunsuliguda	50	18.28352	82.02282
		Idikonda	30	17.9788	81.7274
		Rajulkonda	30	18.01489	81.80452
		Enchimetla	50	18.1217	81.62668
Daduguda	40	18.22558	81.72897		
Pamgeta	30	18.1875	81.55646		
		Total-	915		

Annexure- III-XVII

Site Wise details of AR Plantation 2nd Year Maintenance

Sl No.	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	Longitude
1	Dhenkanal	Barabanka (N) RF	20	20.887528	85.352639
		Dolia RF	20	21.084417	85.417361
		Kankili RF	7	20.886539	85.385261
		Kandhara RF Compt.22	25	20.518278	85.356667
		Total-	72		
2	Rajnagar WL	Sanatumbi PRF	30	20.335833	86.704722
		Badatumbai PRF	30	20.328333	86.678611
		Saralikuda PRF	40	20.316667	86.706944
		Jatadhari Tabda PRF	20	20.365086	86.559089
		Akashdia PF	10	20.044978	86.429492
		Total-	130		
3	Bhadrak WL	Garmal PRF	15	20.797130	86.914960
		Kudakanthi	2	20.868527	86.821515
		Balijhara	5	21.803800	86.356735
		Kurigaon	2	20.914582	86.405618
		Taraga	2	21.025138	86.353069
		Total-	26		
4	Boudh	Benamunda	10	20.655189	84.058833
		Panchara RF C-2	8	20.773611	84.964500
		Total-	18		
5	Gh. South	Kalasuta in Machhakhai DPF	10	19.711778	84.612722
		Badagada A UDPF	5	19.638333	84.316944
		Badagada A UDPF near Biripada	4	19.636750	84.370500
		Sandhachulia RF	5	19.705920	84.709830
		Kiriamba RF, Compt. No.11	5	19.837528	84.837083
		Total-	29		
6	Berhampur	Sindurapur	10	19.221500	84.615444
		Bhusapadara	10	19.197667	84.677972
		Total-	20		
7	Jharsuguda	J Pandikimal	5	21.511339	84.149619
		Total-	5		
8	Bargarh	Ghadghadimal PRF	20	20.900917	83.290472
		Total-	20		
9	Rourkela	Paragposh	10	21.864556	84.956944
		San Purunapani	10	21.970833	84.981667
		Banki VF	10	22.081180	84.899600
		Mandiakudar	5	22.222103	84.693383
		Datni RF	5	22.289639	84.576000
		Bangurkela Tungri 10 ha	10	22.276767	84.965217
		Total-	50		
10	Bonai	Fuljhar KF	20	21.718278	85.109361
		Total-	20		
11	Baripada	Asanabani RF	5	21.797778	86.924722
		Sansanadi	10	22.193963	86.620683
		Kuamara RF	10	21.629167	86.729167
		Total-	25		
		Badara	7	22.288222	86.205500
		Dangapani	15	22.405028	86.236056
		Badmouda	13	22.331194	86.259611

12	Rairangpur	Bhitaramda DPF near Sapghera village	10	22.423500	86.250250
		Tarana (Khadiasahi VF)	10	22.248083	86.012111
		Hatbadra RF PWC	10	22.169028	86.117333
		Kherna RF	15	22.153056	86.079083
		Total-	80		
13	Balesore WL	Inside Kuldiha RF	20	21.440556	86.587500
		Total-	20		
14	Kalahandi North	Batirmunda	20	20.080389	83.029278
		Baijalpur	10	20.034139	82.825222
		Podgudi PRF	30	20.295278	83.510278
		Tundla	20	20.294444	83.351667
		Nagihori	20	20.119250	83.586639
		Total-	100		
15	Kalahandi South	Kelia	30	19.915083	82.886333
		Total-	30		
16	Subarnapur	Sergeda	30	20.940556	84.193056
		Bandhpali	40	20.790567	83.732533
		Total-	70		
17	Bolangir	Raju RF	20	20.515611	82.757111
		Babejuri	20	20.416639	83.049583
		Total-	40		
18	Khariar	Chandopala	10	20.395736	82.700975
		Dudkajhola	50	20.253889	82.525278
		Boirbhadi VF	10	20.875000	82.619833
		Total-	70		
19	Koraput	Jhodiguda Rev. Forest	15	18.842872	82.704333
		Kakirimali DPF	20	18.948530	83.032780
		Chinaloda PRF	20	18.808627	83.293070
		Demomali PRF	20	18.690304	82.946672
		Bhimdol RF	20	18.254500	82.443200
		Baghadangar PRF	20	18.589170	82.491110
		Total-	115		
20	Jeypore	Sundarjodi	5	18.755613	82.286609
		Tanginiguda (Community Orchards)	10	18.701163	82.389694
		Purunapani	15	18.674931	82.379083
		Lenja	20	18.715210	82.537317
		Ambhogandli	10	18.765700	82.162400
		Ghodaghat 'B' PRF	10	18.909881	82.246449
		Dudumpadar	10	18.912900	82.281400
		Batasana	10	19.162328	82.427543
		Chiliguda	15	19.031124	82.377678
		Singhguda	25	19.121919	82.501037
		Jhafrapadar	15	19.036060	82.725190
		Champapadar	10	19.079167	82.738111
		Total-	155		
21	Nabarangpur	Kusumi PRF	10	19.459861	82.195028
		Rajoda RF	10	19.231389	82.269528
		Batar PRF	10	19.374556	82.404167
		Singisari RF	20	19.540806	82.151139
		Chiragam	10	19.764833	82.478139
		Kabakamata	10	19.946056	82.100889
		Total-	70		

22	Malkangiri	Khalpadar	20	18.108310	82.151590
		Boiguda	10	18.278060	82.131900
		Datunguda	10	18.069900	82.152920
		Sarkubandha	20	18.079780	82.152660
		Iswarguda	20	18.115510	82.230770
		Bardabandha	10	18.103960	82.205660
		Badakonda	20	18.062400	82.021050
		Sirlimeta	10	18.154000	82.252580
		Jadiguda	20	18.119555	82.284734
		Nuaguda	20	To be submitted	To be submitted
		Butiguda	20	To be submitted	To be submitted
			Total-	180	

Annexure -III-XVIII

Site Wise details of Baldhill 2nd Year maintenance

Sl No.	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	Longitude
1	Athmallik	Badahula Parbata	20	20 54 03.6	84 43 53.9
		Total-	20		
1	Khurda	Rameswar DPF	10	19 57 33.43	85 28 36.01
		Total-	10		
2	Nayagarh	Kurala DPF	10	19 59 42.52	84 52 26.54
		Baranala Pahada, Khata No. 27 Plot No. 66/192, Kisama - Pahada	10	20 21 49.30	84 57 24.90
		Kalikaprasad RL	20	20 14 04.66	85 15 16.36
		Total-	40		
3	Chilika WL	Jhinkaria DPF	10	19 27 16.38	85 06 01.33
		Total-	10		
1	Phulbani	Archangi B RF(Near Tengeri)	10	20 20 51.4	84 28 54.0
		Total-	10		
2	Gh. South	Kalasuta in Machhakhai DPF	10	19 42 22.8	84 36 42.9
		Gangapur Revenue Hill	10	19 39 59.6	84 36 55.4
		Total-	20		
3	Berhampur	Panipata	10	19 10 18.2	84 25 10.1
		Rajkishorepur	10	19 13 00.7	84 30 07.1
		Total-	20		
1	Rourkela	Bad-marain KF	6	22 02 58.8	84 47 50.1
		Teliposh DPF	5	22 16 55.9	84 46 42.0
		Jalangabira RF	10	22 21 25.36	84 43 40.20
		Paniasal	10	22 28 34.0	85 02 32.0
		Total-	31		
1	Baripada	Baunsiapat VF	10.00	22 16 8	86 36 35
		Total-	10		
1	Kalahandi North	Budhimunda	10	19 54 27.4	82 43 31.6
		Gokuleswar	10	20 03 17.3	83 12 58.8
		Gokuleswar	20	20 09 24.4	83 09 06.2
		Patiguda VF	10	20 12 59.1	83 32 03.4
		Abujbahal	10	20 23 58.3	83 29 12.2
		Kandh Bandopala	20	19 54 24.9	83 06 16.1
		Chenagaon	15	20.140411	83.12311
		Gunang	15	19 49 07.9	83 12 42.1
		Total-	110		
2	Kalahandi South	Panchkudi	20	19 46 55.0	83 23 17.0
		Pendhushi	20	19 41 44 89	82 91 31 07
		Samapala	20	19 66 46 09	82 97 23 53
		Kumudasil	20	19.388118	82.865107
		Tasiguda	20	19.434708	82.899604
		Upper Chobri	20	19.362841	82.851795
		Kenduguda	20	19.379961	82 58 34.9
		Uchhala	10	19.577482	82.709569
		Kumudidongar (Badghumer)	20	19 47 00.8	82 44 15.0
		Naikaniguma	10	19 35.627	82 47.678
				Total-	180

3	Subarnapur	Chandli	65	20.9 06 07	84.1 29 04
		Total-	65		
4	Bolangir	Dedgaon Dangar	10	20 15 15.3	82 54 16.4
		Sindhekela Dangar	10	20 14 18.0	82 56 47.5
		Kuskela Dangar	20	20 11 14.5	83 02 18.9
		Paruabhadi Dangar	10	20 14 38.2	82 52 30.6
		Suapada	20	20 25 16.5	83 08 57.0
		Daitarimunda VF	20	20 47 09.3	83 08 40.3
		Saraspita VF	20	20 42 26.7	83 18 52.4
		Gourgout -Bhaludunguri	10	20 30 23.7	83 32 54.9
		Total-	120		
5	Khariar	Sardhapur	10	20 12 26.5	82 47 25.1
		Total-	10		
1	Rayagada	Kurumulumunda	10	19.111130	83.212580
		Minapai	15	19.081100	83.204730
		Kuakhal	15	19.204349	83.265557
		Dantilingi	15	19.399913	83.374323
		Tardali	10	19.316830	83.300776
		Jamboguda	15	19.393746	83.320064
		Paik supel	10	19.413755	83.040555
		Sunger	10	19.463701	83.108720
		Rughapadar	20	19.433346	83.141139
		Karanjaguda	20	19.352426	83.221126
		Bhitardarba	10	19.380000	83.272778
		Near Thutibara Colony	20	19.208620	83.130170
		Badapukel	20	19.195560	83.166100
		Near Kichikhal	20	19.243930	83.211000
		Near Upper Kodinga	10	19.048611	83.063813
		Near Tikiri	10	19.189680	83.091000
		Hakuspanga	15	19 39 38.1	83 46 12.0
		Pandramunda	15	19.829140	83.560900
		Telengapadar	15	19.677190	83.629760
		Bandhuguda	10	19.748180	83.480330
		Rukunibori	10	19.835580	83.484930
		Adajamu	15	19.890100	83.453180
		Jamjodi	10	19.802710	83.482020
		Gadabali	15	19.595870	83.826956
		Bauribeda	15	19.579430	83.814530
		Sartali	15	19 32 10.9	83 28 15.2
		Bandhuguda	15	19 25 7.2	83 30 33.5
		Bhaliapadara	15	19.335300	83.393300
Jambuguda	20	19.049966	83.735438		
Okiguda	20	19.076600	83.863750		
Kharadangar	10	19.437448	83.820088		
		Total-	445		
2	Koraput	Janthaput Guduri	5	18 22 58.6	82 39 52.3
		Total-	5		
3	Jeypore	Bapaniguda	20	18.7318	82.5406
		Andori	20	18.6498	82.3496
		Mankad Dongor	10	18.7085	82.2479
		Phupugaon	20	19.0550	82.3670
		Banuaguda	10	18.8897	82.4090
		Kosaguda	15	19.0701	82.5110
		Kosibhatta	15	19.0001	82.6855
		Total-	110		

Annexure - III-XIX

Site wise details of Bamboo Plantation @ 400/plant/Ha 2nd Year maintenance

Sl No.	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	Longitude
1	Angul	Kurudu PRF	20	20.450600	84.564700
		Total-	20		
2	Athmallik	Bamboo plantation at Hatidhara	30	20 45 53.5	84 40 10.16
		Total-	30		
1	Phulbani	Krandibali East RF(Near Tunur sahi)	25	20 21 00.3	84 06 07.3
		Brutanga South RF(Near Archangi)	20	20 23 06.5	84 29 39.37
		Badagada PRF(Near Kukurkuta)	10	19 53 50.0	84 23 51.7
		Total-	55		
2	Baliguda	Lankagarh RF	10	20 03 59.9	83 37 31.3
		Khadapanga	10	19.94756	83.61022
		Bandiguda	10	19.82858	83.82036
		Total-	30		
3	Gh. South	Badagada A UDPF	5	19 40 30.0	84 19 27.0
		Total-	5		
4	Gh. North	Kullada RF C/1	30	N19 57 50.8	E84 36 16.2
		Gallery RF C/2	30	N19 59 31.7	E84 29 16.2
		Ambazhara RF C/13	30	N20 11 55.5	E84 43 22.9
		Total-	90		
5	Berhampur	Nuagaon	15	19 13 0.9	84 39 17.6
		Chikitigada	15	19 12 41.5	84 37 9.0
		Mathakhola	10	19 31 57.7	85 0 6.9
		Boripadar	20	19 11 48.7	84 30 15.7
		Total-	60		
6	Paralakhemundi	Ambiliamba in P.Gobindapur UDPF	20	19 31 29.91	84 20 28.20
		Luduludia in Chandragiri RF	20	19 20 48.08	84 24 46.20
		R.Udayagiri	25	19 16 81.59	84 15 19.13
		Parimala	20	19 24 47.49	83 99 82.09
		Total-	85		
1	Jharsuguda	Goyalmura PRF	20	21 55 16.79	84 13 45.47
		Badkhalia PRF	20	21 49 1.62	84 05 55.86
		Total-	40		
2	Sambalpur	ChhamundaKusumura RF	50	21 20 12.08	84 08 19.36
		Total-	50		
3	Rairakhol	Rahan RF	100	20 57 11.33	84 15 15.48
		Rahan RF Comt. Np-4	100	20 57 19.00	84 15 05.0
		Hatidhara RF	100	21 07 22.90	84 27 27.02
		Total-	300		
4	Bargarh	Bamboo Plantation Dechuan RF	30	21 38 08.9	83 33 57.4
		Adhual PRF, Gandpali	50	21 04 16.9	82 55 24.6
		Total-	80		
5	Bamara WL	Add. Kansar RF (Near Bandhabhuain)	50	21 30 52.39	84 20 46.06
		Total-	50		
1	Rourkela	N.Sukuda RF	50	22 22 39.0	85 04 50.9
		Total-	50		

1	Balesore WL	Tenda	10	21.48242	86.70111
		Total-	10		
1	Bolangir	Pipalbahal	50	20 37.566	82 47.230
		Samara RF	30	20 29 40.81	083 23 18.59
		Bonda Kalijharan	20	20 41 12.7	83 23 59.4
		Total-	100		
2	Khariar	Mahulpada	20	20 18 53.71	82 34 21.4
		Redhamal	75	20 20 6.29	82 31 32.3
		Total-	95		
3	Sunabeda WL	Sunabeda	20	20 31 50	82 27 08
		Dabri(Cherechuan)	15	20 31 14	82 32 14
		Sial Padhar	20	20 37 50	82 25 47
		Dabtadongri	15	20 39 39.99	82 25 29.15
		Total-	70		
1	Jeypore	Nuaguda (Digapur)	20	18.8191	82.4615
		Kaudiaguda	10	18.7820	82.2697
		Jhodonga	20	18.8545	82.4402
		Majhiguda RF	40	18.7794	82.2493
		Malipadar	20	18.8219	82.1807
		Brahamandei	20	18.9126	82.4003
		Ghotorla RF	15	19.0289	82.4155
		Malchama RF	15	19.0040	82.2553
		Kenduguda	10	19.1138	82.7125
		Sargipadar	10	19.0285	82.6977
				Total-	180
2	Malkangiri	Gompakonda-B (RF)	20	To be submittd	To be submittd
		Dhanurjayguda (VF)	15	18.10893	82.20913
		Majhiguda (VF)	10	18.07583	82.05687
		Total-	45		

Annexure-III-XX

Site wise details of Miyawaki Plantation of 2nd Year Maintenance

Sl No.	Name of the Division	Location	Target in Ha. (1600)	Geo Co-ordinates	
1	Dhenkanal	Jiridamali RF	2	20-57-08.5	85-34-01.2
	Total		2		
2	Jharsuguda	Jharsuguda Town Ship Area	2	N-21-50-46.0	E-83-59-20.8
3	Sambalpur	Potapali VF	1	21 26 55.56	83 55 31.07
4	Rairangpur		1		
	Total		1		
5	Koraput	Manabar	1	N18 82 52	E82 70 68
6	Jeypore	Boipariguda	1	18.7630	82.4233
		Kaliaguda	1	19.1366	82.5550
		Penangi B	1	18.8780	82.5714
		Kundra	1	18.8914	82.3932
	Total-		4		
7	Nowrangpur	Papadahandi RF	1	N 19 19 35.98	E 82 31 32.87
8	Malkangiri	Motu	1	17.83333	81.40450
	Grand Total		13		

Annexure-III-XXI

Conservation of RET Species plantaion (200 plants/ ha) 2nd Year Maintenance

Sl No	Name of the Division	Location	Area in Ha.	Geo Co-ordinate	
1	Rayagada	Niyamagiri URF	20	19.65035	83.47318
		Kankuibadi RF	10	19.33122	83.59146
		Singili RF	20	19.34465	83.61266
		Machakhunti RF	20	19.0802	83.75984
		Ambabadi Rf	20	19.16617	83.89696
		Kujendri RF	20	19.1494	83.75077
		Rugudibi PRF	20	19.23600	83.63300
		Total-	130		

Conservation of RET Species plantaion without Gap(200 plants/ ha) 2nd Year Maintenace

Sl No	Name of the Division	Location	Area in Ha.	Geo Co-ordinate	
1	Rayagada	Anguru RF	20	19.271144	83.337514
		Total-	20		
2	Gh. North	Mujagada Galary RF c/5	20	N 19 59 33.4	E 84 32 22.8
		Total-	20		

Annexure-III-XXII

3rd Year Maintenance of ANR Plantation @ 200 Plant/Ha

SI No.	Name of Division	Location	Area in Ha.	Go coordiats	
				Latitud	Logitud
1	Angul	Para PRF	100	20.84475	84.82097222
		Katada RF Comptt-I	50	20.88959	84.79356
		Similipathar RF Comptt-03	50	20.945062	84.830145
		Bramhanbil RF	100	21.03829	84.95328
		Durgapur RF □	50	20.937563	84.97888
		Kurudu PRF, Compt 1 □	50	20.74779	84.92929
		Kanheijena RF	50	21.03566667	85.11058333
		Langalkhol RF	50	21.10625	85.22872222
		Badakathia RF	50	21.03005556	85.02022222
		Biripal RF	50	21.25025	84.9445
		Total-	600		
2	Athmalik	Nuagaon RF Compt No-4&5	100	20 50 19.19	84 27 06.6
		Kutulisinga RF Compt No-4	50	20 47 03.0	84 37 42.1
		Total-	150		
3	Dhenkanal	Godabulua RF	100	20 34 48.37	085 39 36.48
		Kandhara RF	50	20.57722	85.26676
		Koi Rf	150	20 39 03.6	85 10 56.3
		Nischinta RF, near Chadakamara	50	20 47 9.6	86 1 11.6
		Jiridamali RF	100	20 58 22.5	85 37 09.3
		Ranjagarh RF near Baradakota	200	21 06 42.2	85 40 44.7
		Bhiarpur RF	100	200 54 08.5	850 48 15.2
		Tipilei	100	20 56 52.1	85 42 31.5
		Balibo RF	150	200 55 07.8	850 53 04.2
		Total-	1000		
4	Athgarh	Deobhuin RF, Compt. No. 5	50	20 30 13.10	85 09 85.50
		Deobhuin RF, Compt. No. 2	100	20 33 14.80	85 08 21.70
		Deobhuin RF, Compt. No. 9	50	20 32 42.85	85 10 28.80
		Deobhuin RF, Compt. No. 12	50	20 31 33.90	85 11 02.60
		Deobhuin RF, Compt. No. 16	50	20 34 30.10	85 11 46.50
		Karada RF, Compt. No. 2	50	20 28 05.4	85 22 51.4
		Belapada RF	50	20 24 19.3	85 24 33.9
		Talachandragiri RF, Compt. No. 1	50	20 27 56.1	85 14 58.2
		Haladiaseni RF, Compt. No. 4	100	20 29 04.9	85 19 53.5
		Baudabanakhandi RF	100	20 28 51.5	85 40 00.6
		Kalichaballav R.F	100	20 29 52.5	85 29 00.6
		Sorisapala RF	50	20 30 01.3	85 31 37.3
		Subasi RF	50	20 31 57.5	85 44 33.4
		Adala RF	50	20 33 16.2	85 40 11.5
Khalakhala RF	100	20 29 55.3	85 42 55.0		
		Total-	1000		
5	Cuttack	Oaujhar inside Dalijora RF	70	20 38 17.7	85 50 24.7
		Rangamatia near Dalijora RF	80	20 37 46.4	85 52 30.1
		Barimula PRF	50	20 40 08.8	86 03 10.1
		Kolha PRF	50	20 42 27.2	85 54 41.5
		Kalakala PRF	50	20 41 21.9	85 57 55.5
		Mahavinayak RF	50	20 42 25.8	86 05 40.4
		Nalida PRF	50	20 41 50.9	86 00 56.3
		Panchavaya PF	50	20 35 19.3	85 59 49.8
		Karanji PRF	50	20 39 22.4	85 54 20.7
		Total	500		

1	Khurda	Mal RF C/19	50	19 57 56.9	85 13 12.7
		Bhusandpur DPF	50	19 56 36.49	85 26 37.58
		Kunjari DPF	50	19 53 23.4	85 20 11.9
		Rengal PRF	50	20 06 51.4	85 42 27.0
		Mandalsingh DPF	100	20 8 39.0	85 12 24.8
		Total-	300		
2	Nayagarh	Palva RF C/1	50	20 12 10.0	84 51 45.0
		Hatimunda RF C/14	50	20 17 6.30	85 00 13.70
		Palva RF C/7	50	20 09 37.40	84 55 16.72
		Ratadei RF C/2	50	20 08 0.48	84 50 59.69
		Ragadimada RF C/3	50	20 13 35.48	84 53 17.59
		Gochha RF C/8	50	19 54 56.00	84 59 46.00
		Gochha RF C/18	50	19 56 43.00	84 57 11.00
		Banijhari PRF	100	19 58 7.46	85 04 53.92
		Gochha RF C/14	50	19 96 31.46	85 128498
		Gochha RF C/10	100	19 56 34.08	85 02 20.59
		Malati Pahada	100	20 04 09.31	85 08 4.80
		Sukaramala PRF	50	20 05 0.94	85 12 04.98
		Matia Extn.	50	20.371951	84.910997
		Naradigochha - Matia Extention	100	20 39 71.39	84 93 60.76
		Sikharapur RF	100	20 14 15.09	85 06 46.01
		Total-	1000		
3	Chilika WL	Nandighar DPF	35	19 28 43.61	85 05 46.69
		Talakhola PRF	100	19 34 28	85 06 37
		Total-	135		
4	Puri WL	Restoration of FANI ravaged area in Balukhanda-Konark Sanctuary in Liakhia PRF	50	19 52 21.73	86 01 17.44
				19 52 20.16	86 01 28.93
				19 51 38.32	86 01 21.91
				19 51 41.37	86 01 23.31
		Total-	50		
5	Rajnagar WL	Jatadharatanda PRF	50	86 31 30.45	20 10 46.39
		Marichipur P.F (Nadiakhia)	30	20 18 45.98	86 28 52.25
		Total-	80		
1	Phulbani	Gumagada RF (near Pakanagaon)	75		
		Gumagada RF(near Bhuktakanali)	50	20 24 48.9	84 15 32.8
		Gumagada RF(near Gumagada)	75		
		Dadaki RF (near Singapada)	100	20 28 27.8	84 09 24.0
		Mallikpada RF (near Hatimasa)	100	20 28 07.8	84 07 22.1
		Ganjuguda PRF(near Pradhanpada)	100		
		Kahjuripada RF (near Kunda)	100	20 26 39.7	84 25 49.8
		Dakpala B RF near Mularujangi	100		
		Ranipathar RF,(Compt-08 near Krandimaska)	75	20 31 4.4	84 18 28.1
		Ranipathar RF,(Compt-6 near Ranipathar)	75	20 33 53.9	84 22 14.5
		Donga RF (near Kakendri)	50	20 36 30.4	84 19 38.1
		Ragaguda PRF(near Ragaguda)	100		
		Brutanga S RF (near Pakhalakhia)	100	20 18.86 4	84 25.84
		Gochhapada RF (near Taragabali)	100	20 24 03	84 06 54.2
		Gochhapada RF (near Bisipadar)	100	20 24 51.1	84 11 51.1
		Bandhagada A PRF (near Taladandikia)	100	20 45 00.7	84 11 42.7
		Nuapadar RF (Near Nuapadar)	150	20 18 32.8□	84 00 40.2
		Gerupada E RF(near Gerupada)	50	20 18 23.6	84 06 33.2
		Baghanadi RF (near Penapanga)	100	20 28 38.6	83 56 26.0

		Baghanadi RF(near Burungibali)	100	20 27 57.8	84 02 09.7
		Balandapada S PRF (near Kalampadar)	100	20 26 25.2	83 49 41.4
		Gochhapada RF (near Balampadar)	100	20 23 44.5	84 11 51.4
		Gutingia B RF	100	20 13 40.6	84 13 01.9
		Retudi	50	20 07 32.1	84 25 00.8
		Pradhanpada	50	20 13 48.2	84 23 53.8
		Sikabadi PRF (near Gudrisahi)	100	19 59 12.1	84 17 16.0
		Karada PRF (near Achintapur)	50	19 56 12.5	84 16 48.5
		Ganjuguda PRF(near Dumudupanga)	50	20 02 25.6	84 15 34.8
		Lendrikiya RF (near Pukimaha)	100	19 59 19.6	84 15 20.4
		Total-	2500		
2	Baliguda	Terlemaha	75	19 39 21.7	84 06 24.1
		Mahagudi RF	75	19 42 41.2	84 02 50.0
		Katingia	50	19 38 26.1	84 13 24.7
		Sadapanga	50	19 57 32.2	84 03 46.8
		Muchhudipanga	100	19 45 06.9	84 02 22.4
		Morenj	50	19 57 27.8	83 55 3.2
		Jimarigaon	100	20 09 58.7	83 53 02.8
		Pokharibandha	50	20 18 27.2	83 43 42.5
		Padasahi	50	20 13 53.4	83 50 4.0
		Bataguda	50	19 51 09.0	83 42 22.0
		Bondaka	50	19 48 29.02	83 42 08.7
		Bondiguda	50	19 50 36.9	83 50 08.0
		Sraliguda	50	19 45 25.0	83 43 59.0
		Landabali	50	19 54 47.7	83 44 49.7
		Jarna	50	20 05 03.9	83 36 01.7
		Balki	50	20 04 10.1	83 41 40.6
		Batabadi	50	20 01 32.0	83 42 27.0
		Samisaru	50	19 52 53.50	83 34 50.10
		Bariguda	50	19 51 49.8	83 40 26.3
		Kadapana	50	19 55 13.1	83 36 56.3
		Batipada	50	19 58 24.7	83 35 40.7
		Munduti	100	19 56 30.6	83 33 55.9
		Siringia	50	20 09 30.9	84 08 53.3
		Pidiki	75	20 04 14.0	84 09 32.4
		Pirigada	25	20 06 09.8	84 05 38.6
		Kubermunda	50	20 10 14.8	83 57 55.5
		Total-	1500		
3	Boudh	Jamukhol RF Compt. No. VIII	100	20 39 25.3	84 14 40.4
		Nagarjuna RF Compt. No. II	100	20 43 41.83	84 11 25.84
		Sindurbhadi RF C/3	70	20 43 57.5	83 59 38.4
		Penajore RF C/2	100	20 40 02.5	83 54 32.1
		Mundeswar RF Comt. No. 21, 22	100	20 33 10.59	84 30 06.60
		Mundeswar RF Comt. No. 39	100	20 34 29.92	84 30 23.74
		Aragarh RF Comt. No. 5		20 38 16.95	84 31 32.81
		Aragarh RF Comt. No. 9	50	20 40 48.13	84 30 32.83
		Arakhapadar RF Comt. No.4	50	20 33 50.40	84 37 47.40
		Sanakalarakotha V.F.	50	20 35 54.9	83 41 30.2
		PutputigarhR.F Compt no -4, near Dumalpakhal	100	20 35 41.6	83 48 48.2
		Sulia R.F	50	20 41 50.4	83 48 44.8
		Padhel RF, Compt. No. 3	50	20 30 57.2	83 46 51.8
		Podhal RF, C/10	80	20 24 53.1	84 29 40.1
		Total-	1000		

4	GH. North	Darpangia RF C/9	50	20 02 17.3	84 27 38.5
		Gallery RF C/11	50	20 03 08.1	84 30 24.1
		Tiliki RF C/4	150	19 53 02.28	84 30 53.6
		Kalimaba RF C/2	50	19 50 01.4	84 33 49.0
		Kalimaba RF C/4	50	19 54 42.7	84 32 39.0
		Ragada RF C/5	50	19 49 27.5	84 30 02.2
		Vinjigiri RF C/1	50	19 46 50.9	84 30 36.9
		Dumudumi West	50	19 47 24.7	84 34 01.9
		Chandragiri RF C/3	50	20 08 21.1	84 37 11.4
		Gallery RF C/23	50	20 00 55.6	84 34 45.3
		Ghogada RF C/5	100	20 11 24.2	84 47 39.1
Total-		700			
5	Gh. South	Banabali, Gadagada DPF, Aska Range	100	19 38 43.3	84 40 21.5
		Khirida, Mallijhara I DPF, Aska Range	50	19 587666	84 565994
		Ramapali, Chapudia DPF, Aska Range	50	19 41 28.0	84 31 50.4
		Kirtipur, Aska Range	50	19 539479	84 69829
		Hatigada, Aska Range	50	19 32 57	84 29 33
		Kiriamba RF, Compt. No.6 , Buguda Range	60	19 51 27.7	84 53 19.1
		Kumarsuni RF, Buguda Range	30	19 49 41.20	84 41 40.50
		Tangarai RF, Buguda Range	30	19 46 29.2	84 41 29.3
		Panchubhuti A RF, Buguda Range	30	19 57 38.5	84 51 25.1
		Kadapada RF, Buguda Range	30	19 54 44.03	84 46 58.08
		Kadapada RF, Buguda Range	30	19 54 40.0	84 46 44.1
		Kiriamba RF, Compt. No.10 , Buguda Range	30	19 49 14.1	84 48 55.0
		Nigiri RF, Buguda Range	30	19 52 29.1	84 44 33.8
		Kiriamba RF, Compt. No.03, Buguda Range	30		
		BadaIchhapur, Pandiripada RL, Polasara Range	50	19 46 51.0	84 57 16.0
		Sunadei, Purunapani Daburia PRF, Polasara Range	50	19 40 18.0	84 51 21.0
		Balarampur, Badagada A UDPF, Badagada Range	50	19 37 00.52	84 26 43.02
		Dhanapur, Badagada Range	50	19 39 20.09	84 19 35.24
Barapada, Badagada A UDPF, Badagada Range	50	19 30 48.87	84 23 43.41		
Ora , Badagada B UDPF, Badagada Range	50	19 41 27	84 27 57		
Total-		900			
6	Berhampur	Nuapada	50		84 40 38.1
		Baniamari	50		84 40 12
		Mitrapur	40	19 16 19	84 40 44
		Malakutapalli	50	19 27 14.6	84 39 57 .7
		Karakhali	50	19 14 17.0	84 36 47 .0
		Gati Ambagam	50	19 15 17.0	84 26 54 .0
		Birabarapalli	40	19 15 17.0	84 26 54 .0
		Mathura-2	40	19 22 15.6	84 31 19 .4
		Burubandha	50	19 24 35.3	84 29 38 .9
		Moreibadi	100	19 17 51 .3	84 37 05.4
		Pipiliguda	50	19 27 45.0	84 32 29.0
		Nimapalli	50	19 27 40.8	84 31 44 .5
		Sanaghati (Sanaghati DPF)	20	19 33 03.1	85 05 07.4

		Mareinuagam (Bhallery, comp-5)	30	19 43 12.3	85 07 47.8
		Narayani (Bhallery, comp-12)	25	19 41 03.1	85 10 11.4
		Jatiakhola (Jogia-1)	25	19 30 12.0	85 01 53.6
		Mahulabada	50	19 08 18.6	84 30 55.9
		Kenduguma	50	19 10 04.7	84 22 41.4
		Dabada-50 Ha	50	19 02 03.1	84 29 06.8
		Raogaon	50	19 04 34.7	84 28 54.2
		Phatakasingi	30	18 59 45.1	84 28 24.1
		Puriasahi	50	19 01 51.0	84 24 46.1
		Total-	1000		
7	Paralakhemundi	Betingi	50	19 30 23.1	84 20 59.2
		Near Markada village	150	18 49 55.42	84 06 59.59
		Near Burjiguda	50	18.821299 84.138395	18.821596 84.139838
		Nalaghat	75	19.472757	83.986574
		Adava	75	19 30 00.5	84 10 33.4
		Near Bhaliaganda inside Ratanga UDPF	50	19 12 39.09 84 09 58.04	19 10 46.56 84 12 19.08
		Near Ringisingi inside Leoba UDPF	50	19 03 55.82 84 10 59.83	19 06 17 84 08 56
		Near Kapilipadar inside Chapulikirima UDPF	50	19 16 46.95 84 02 35.47	19 14 26.91 84 05 21.08
		Near Taramangada inside Kijanga W UDPF	50	19 07 13.06 84 01 22.01	19 05 9.44 84 04 6.73
		Dambapur	50	18 57 09.75 84 09 31.65	18 57 13.64 84 09 29.83
		Soura Bhaliasahi	50	19 00 42.84 84 09 05.11	19 00 42.84 84 09 05.11
		Tureisahi	50	18 53 40.32 84 16 12.42	18 53 17.254 84 16 10.302
		Sekharapur	50	18 48 05.26 84 20 19.73	18 48 3.27 84 20 19.59
		Kanakata	50	19 11 35 04 84 21 24 03	19 13 41 1 84 15 51 0
		Kurtala	50	19 14 17 09 84 18 46 07	19 13 41 1 84 15 51 0
		Dungdung	50	18 94 99 38 84 33 08 87	19 56 36.67 84 19 22.99
		Badamasing	50	18 94 30 02 8435 00 81	18 95 39 13 84 22 37 20
		Majhisahi	50	18 05 46 54 84 23 98 32	19 04 27 262 84 16 17 043
		Chanchadakhata	50	19 14 75 42 84 32 0 88	19 04 27 262 84 16 17 043
		Laxmipur	50	19 14 485 84 26 09 68	19 04 27 262 84 16 17 043
		Dabaraguda	50	19 26 50 61 84 18 81 12	19 24 07 82 84 19 42 39
		Total-	1200		
1	Jharsuguda	Katikela RF	50	21 47 14.77	84 04 41.78
		kandakuda DPF	50	21 54 44368	83 51 56.27
		Ullap PRF	50	21 51 0.10	83 52 34.20
		Jhargaon B	50	21 84 25.90	83 30 26.40
		Mahulmunda PRF	50	21 49 37.60	84 12 02.52

		Total-	250		
2	Sambalpur	Dumerchuan-Mundher RF	100	21 19 45	84 05 08
		Jharghati-Garpati RF	50	21 35 27	84 07 38
		Tabloi-Deogaon RF	50	21 12 2005	83 59 46
		Chhamunda-Kusamura RF	50	21 19 47	84 09 51
		Total-	250		
3	Rairakhol	Redhakhol Range/ Kholgarh RF	100	21 06 34.54	84 23 05.70
		Redhakhol Range/ Hatidhara RF	50	21 07 18.0	84 24 13.5
		Charmal Range/ Berhampura PRF	50	21 04 24.02	84 10 48.0
		Charmal Range/Charmal KF	50	21 06 00	84 14 10.7
		Naktideul Range/ Rail RF	100	21 06 56.0	84 35 02.2
		Naktideul Range/ Landimal RF	50	21 14 13.04	84 36 23.04
		Badmal Range/Mochibahal PRF	200	21 08 28.17	84 08 02.65
		Total-	600		
4	Bargarh	SDBR RF	100	21 28 57.1	83 23 53.3
		SDBR RF	100	21 28 57.7	83 24 04.2
		Dechuan RF	100	21 609445	83 530315
		Padhanpali VF	100	21 18 13.0	83 24 30.8
		Maleikhaman RF	100	21 13 50.0	83 15 10.0
		Ghess PRF	100	21 11 38.3	83 15 59.1
		Gandhamardan PRF	200	20 56 43.8	82 59 33.1
		Adwal PRF	100	21 00 16.1	82 51 44.2
		Gandhamardan PRF	100	20 56 22.5	82 55 49.9
		Total-	1000		
5	Bamara WL	Ushakothi RF Compt No.17	50	21 26 44.25	84 18 43.71
		Binjipali RF Compt No.6	50	21 35 19.4	84 14 31.3
		Udsung Titobahal KF	50	21 33 21.78	84 13 45.48
		Kinabaga B DPF	50	21 59 54.54	84 30 57.2
		Pravasuni RF	50	21 39 41.32	84 29 15.97
		Kurmimunda DPF	50	21 52 41.46	84 20 39.5
		Total-	300		
1	Sundargarh	Runga RF	50	22 19 14.9	84 16 47.8
		Gireldungri RF (Athkosia)	40	22 13 47.0	83 58 14.4
		Jorajam RF(Athkosia)	50	22 10 28.4	83 54 54.0
		Budajharan RF(Athkosia)	50	22 12 07.7	83 59 21.1
		Litiapani DPF	100	22 11 57.2	83 41 13.8
		Kurumkel RF	100	22 06 33.0	83 46 07.0
		Dhangergudi	60	22 12 01.4	83 46 30.2
		Jamkani RF	150	22 04 46.5	83 39 37.0
		Dheknapani	100	21 48 57.1	83 43 59.0
		Kalijapathar DPF	50	22 18 25.7	84 23 09.2
		Panchora (Nuagaon DPF)	50	22 15 51.38	84 23 57.48
		Kharika munda RF	50	22 13 39.59	84 12 61.55
		Runga RF (Kumbahal)	100	22 13 39.59	84 12 6.18
		Runga RF (Ranibuda)	50	22 14 36.91	84 13 20.67
		Total-	1000		
2	Rourkela	S. Chirobeda	150	22 09 50.7	84 55 35.0
		Rutkupedi RF	150	22 09 14.9	84 48 27.7
		S. Champajharan RF	100	22 04 20.0	84 56 52.7
		Jharbeda RF	100	22 03 58.6	85 02 48.2
		Chatam RF	50	22 06 17.0	84 37 18.7
		Chatam RF	50	22 09 16.7	84 32 44.1
		Haldipani RF Sagjore Compantment	50	22 11 37.7	84 41 74.2
		Bagdega RF	80	22 19 35.2	84 59 11.5
		Lindidiri RF	70	22 22 09.5	85 03 20.2

		S. Chirobeda RF	50	22 12 04.5	85 01 56.2
		Jhandapahad RF	50	22 20 3 93	84 32 12.25
		Ghagari RF	50	22 21 52.8	84 41 52.6
		Banglopahad RF	50	22 22 55.9	84 56 45.1
		Total-	1000		
3	Bonai	Raipiri RF	200	21 51 11.36	84 34 51.15
		Amrudhi RF	50	21 53 10.24	85 02 34.99
		Lunga RF	20	21 41 49.66	85 02 06.39
		West Dandapat	30	21 40 48.98	84 51 14.37
		Bhadimara PRF	20	21 43 02.19	84 45 57.43
		Kantamuda	100	21 55 00.00	84 31 30.00
		Balai	50	21 57 54.00	84 37 00.00
		Sarkunda RF & PRF	80	21 51 28.83	85 11 07.95
		Toda RF	50	21 52 17.77	85 11 34.37
		Total-	600		
4	Deogarh	Khajuria RF	100	21 42 23.4	84 39 12.2
		Kundheigola PRF near Kapagola	30	21 13 36.7	84 52 27.4
		Kankarkhol PRF near Chandposhi	30	21 22 06.9	84 44 31.4
		Rambhadevi RF near Jharamunda	30	21 25 2.041	84 49 36.594
		Tarang PRF	30	21 16 47.3	84 36 10.8
		Kankarkhol PRF near Similita	30	21 19 49.528	84 47 52.129
		Rabanakucha, Barkote	100	21 39 17.33	84 48 12.03
		Pradhanpat RF near Kantapali	50	21 35 43.9	84 46 35.1
		Tamkia RF near Jamardihi	100	21 29 27.8	85 14 55.1
		Malyagiri RF near Rohira	50	21 20 18.7	85 14 21.4
		Malyagiri RF near Boitasarei	50	21 19 02.6	85 15 45.6
		Total-	600		
5	Keonjhar	Basantapur R.F-Keonjhar Range	50	21 31 43.47	85 40 18.22
		Raghunathpur-Keonjhar Range	50	21 36 26.4	85 43 03.6
		Belda R.F-Keonjhar Range	50	21 42 06	85 40 00
		Jadipada R.F-Keonjhar Range	50	21 46 29.4	85 39 49.7
		Raikala R.F-Keonjhar Range	100	21 50 56.44	85 37 1.69
		Padmapur RF near Bhalupahadi--Patna Range	100	21 43 06.5	85 47 49.6
		Poipani RF near Dhobapitana--Patna Range	50	21 35 38.3	85 46 40.7
		Masinabila RF- Ghatgaon Range	50	21 28 49.5	85 52 48.7
		Nalapanga RF- Ghatgaon Range	50	21 24 39.1	85 42 46.1
		Ghatgaon Rf- Ghatgaon Range	50	21 23 00	85 53 00
		Total-	600		
1	Baripada	Singimara VF	100	22 01 33	86 55 45
		Total-	100		
2	Karanja	Jambani RF	100	21 52 29.5	85 51 29.3
		Digposi RF	50	22 5 14.7	85 49 52.8
		Jamunti RF	75	21 58 53.5	85 48 52
		Kenjhara RF	25	21 41 49	86 3 27.4
		Paudia RF	50	21 46 37.2	86 5 40.1
		Taramara RF	50	21 27 37.9	86 9 14.4
		Bisipur RF – I	50	21 43 11	86 7 6
		Badbil RF	50	21 29 50.1	86 12 0.8
		Purunapani RF	50	21 34 35.1	86 6 20.3
		Jadbil RF	50	21 36 41.1	86 6 6.8
		Noda RF	50	21 17 25	86 11 7
		Satkosia RF Compt. No. 20	50	21 25 22.1	86 13 6.2
		Goudiabahali RF	50	21 24 55	86 11 9
		Satkosia RF Compt. No. 14	50	21 22 28.6	86 13 20.7

		Total-	750		
3	Rairangpur	Ramghar Asurghaty	50	22 14 16.84	86 14 24.72
		Total-	50		
4	Balasore WL	Kalajudi (Baradiha)	50	21.848833	87.128806
		Arabandha	20	21.341944	86.405626
		Total-	70		
5	Keonjhar WL	Santoshpur RF Coupe No. BTN-III Compt.17	250	210 20 29.13	860 6 33.35
		Atei RF Coupe No. SGP-III Compt.56	450	210 18 24.81	850 57 29.33
		Rebana RFCoupe No. DNT-III Compt.5	300	210 15 28.12	850 41 31.07
		Rebana RF Coupe No. PRS-III Compt.41	300	210 9 53.92	850 53 48.57
		Palaspal PRF Coupe No. SNP-III Compt.	200	210 16 37.14	850 46 9.38
		Total-	1500		
1	Kalahandi North	Bhatangpadar	50	19 52 01.2	83 15 11.3
		Suknabhata	50	19 59 35.0	83 19 32.0
		Sinjharan	50	19 54 23.6	83 06 03.3
		Khangarguda	50	19 50 8.1	83 06 12.8
		Gachkhola	50	19 53 08.0	83 06 14.0
		Ampada	50	19 52 42.8	83 06 51.1
		Lebed	100	20 00 11.1	83 02 08.4
		Ramud	50	20 15 36.1	83 33 15.5
		Turchi	50	20 14 47.8	83 27 22.2
		Goudkela	50	20 10 47.2	83 27 22.2
		Chandanpinda	50	20 12 51.0	83 32 57.9
		Jurakhaman	50	20 09 43.4	83 36 01.7
		Gopalpur	100	20 18 22.2	83 30 33.3
		Urladani RF	100	20 06 28.8	83 33 35.8
		Chochobahali	150	20 08 28.4	83 29 50.8
		Kamei	50	20 06 02.6	83 25 01.3
		Bankel	100	20 00 39.0	83 23 44.6
		Tundla	100	20 16 45.0	83 21 43.1
		Sourapadar	150	20 11 15.8	83 16 55.8
		Singhjaran	200	20 15 16.1	83 17 48.1
		Rengali	100	20 13 33.2	83 16 13.1
		Dampadar	150	20 13 51.2	83 21 49.7
		Jodabandh	150	20 12 05.2	83 19 28.3
		Phoiripani	50	20 01 10.3	82 45 47.2
		Badbhuin	50	20 03 46.1	82 45 47.2
		Sahajbahlipada	50	20 00 36.0	82 45 35.5
		Jamjharan	50	20 01 13.2	82 53 23.5
Sikuan	100	20 07 43.4	82 56 30.1		
Mahendrapur	100	20 06 40.6	82 56 12.7		
Ramchandrapur	100	20 03 12.8	82 58 00.9		
		Total-	2500		
		Pratappur	100	19 46 21.8	83 23 53.4
		Sindhibahali	100	19 50 50.4	83 19 56.5
		Tarangel	100	19 41 49.8	83 16 41.8
		Sargiguda	100	19 57 17.3	83 22 23.6
		Gobardhanpur	50	19 59 23.0	83 23 23.9
		Karla VF	50	20 00 15.4	83 21 57.8
		Mohangiri PRF	100	19 32 43.50	83 10 27.95

2	Kalahandi South	Kandulguda VF	100	19 32 21.45	83 14 43.74		
		Taragaon VF	215	19 39 38.46	83 04 12.16		
		Siliejore	350	19 45 33.6	82 12 47.8		
		Chandpur	100	19 22 58.1	82 47 17.0		
		Ainlabhta	50	19 29 78.3	82 42 10.1		
		Koliamunda	50	19 32 35.2	82 39 42.5		
		Kolkipadar	50	19 31 09.7	82 39 36.3		
		Kandagarh	300	19 33 38.9	082 37 20.5		
		Nuagaon	200	19 32 51.1	082 37 45.8		
		Ampani	200	19 34 17.3	082 36 17.6		
		Garjan RF	100	19.828798	82.99247		
		Jerka RF	200	19 45 19.0	825854		
		Jerka RF		19 44 17.0	825951		
		Jakespadar (Singari RF)	100	19.54964	82.91928		
		Srimaska	100	19.619575	82.984181		
		Pandigaon (Singari RF)	100	19.57433	82.89778		
				Total-	2815		
		3	Subarnapur	Badjore	100	20 34 24.09	83 41 30.08
Polbandh	50			20 35 35.05	83 35 52.01		
Raipali	50			20 52 28.70	83 42 47.23		
Bajikhhol	50			20.85854	83.69776		
Patrapali	50			21.136227	83.884064		
Lastala	50			20 58 33.9	83 55 10.00		
Krushnapur	50			21 05.54	83 58.56		
Sindhhol	50			21.0901	83.86549		
Kotsamalai	50			21.021388	83.96517		
Kasalpur	100			20 56 05.00	84 11 58.07		
Duleswar	100			20 55 11.04	84 15 02.09		
Amarpali	100			20 01 47.06	84 03 24.05		
Naktamunda	80			20 58 27.24	83 45 38.74		
Banjipali	100			20 59 02.29	83 43 21.15		
Beheramal	20			21 05 43.01	83 35 56.08		
		Total-	1000				
4	Bolangir	Kharsel RF	50	20 42 57.00	83 23 34.0		
		Bijlimunda (Bonda RF)	100	20 38 52.23	83 24 51.4		
		Madhupur (Bhimdunguri RF)	50	20 33 42.60	83 33 15.6		
		Chhatardandi RF Chhatarang	50	20 23 51.8	82 49 26.40		
		Chhatardandi RF Talchakel	50	20 24 10.7	82 49 51.7		
		Sarpani RF Muribahal	50	20 26 47.2	82 42 10.2		
		Bagada	50	20 32 02.8	83 29 24.5		
		Padampur	50	20 35 33.2	83 27 45.3		
		Gaddwar	50	20 36 02.5	83 24 32.3		
		Budelghuma	50	20 35 16.7	83 27 30.3		
		Baraputa RF	50	20 47 10.1	82 53 37.8		
		Chandli RF	100	20 43 46.9	82 48 24.1		
		Dhusamunda	50	20 29 33.2	82 51 16.0		
		Dholmandal	50	20 31 38.8	82 45 53.5		
		Masina	25	20 39 32.78	82 44 53.74		
		Lathore	50	20 37 59.72	82 47 14.48		
		Dhaurakhman	75	20 37 39.9	82 49 23.5		
		Sandhimunda	75	20 40 28.1	82 55 14.7		
		Rengali	75	20 38 17.2	82 52 55.4		
		Kantapali	150	20 56 53.2	83 36 46.0		
Tengera	50	20 30 09.1	83 03 22.8				
Satbahani	50	20 24 13.9	83 07 47.1				

		Budharaja RF (Khola)	50	20 52 10.6	83 06 16.5
		Bankodo RF	50	20 46 52.2	83 03 16.8
		Sandhijhore	50	20 35 19.0	83 12 06.0
		Runimahul	100	20 29 24.9	83 22 36.7
		Landapathar	100	20 32 56.8	83 17 29.8
		Patamara	100	20 29 22.3	83 12 55.8
		Bhatipada	200	20 23 13.1	83 10 37.4
		Total-	2000		
5	Khariar	Choura A PRF-Klamnpaniguma	50	20.160963	82.783221
		Bajini PRF- Kamarkhunti	50	20.345916	82.579946
		Bajini PRF- Mahulpada	50	20.31284	82.586309
		Kodal DPF-Dumerjore	100	20.26206	82.68961
		Pipalpani PRF-Kenduguda	50	20.27352	82.65047
		Lambipani PRF-Kuligaon	50	20.37499	82.67451
		Dharamsagar PRF	50	20.407347	82.685041
		Barkote Extn PRF-Bisibahal	50	20.52663	82.55222
		Kantapali-Ranidungri PRF	50	20.655842	82.674957
		Karamahul-Tandel B	50	20.47516	82.684766
		Forfod	50	20 52 40.85	82 27 44.31
		Salepada	70	20 43 17.78	82 40 3.58
		Goppur	30	20 83 73.3	82061058
		Musrangi	50	20 47 12.66	82 22 44.74
		Dalipakhna	50	20 48 4.74	82 21 33.20
		Choulmachi PRF-Sunarisikuan	50	20 09 18.9	82 42 10.1
		Chereipani PRF-Haldikhol	50	20 01 40.5	82 40 48.8
		Chereipani PRF-Karlapani	50	20 04 50.8	82 40 35.3
		Chereipani PRFGhantiguda	50	20 06 11.6	82 41 33.0
		Koilakhala-Talakote	50	20 05 20.1	82 25 47.8
		Koilakhala-Tankamal	50	20 03 40.4	82 28 35.0
		Adipita-Gadiajore	50	20 08 39.3	82 29 40.1
		Koilakhala-Dongargaon	50	20 04 09.9	82 31 11.7
Masankunda PRF	100	20 57 51.7	82 39 15.8		
Singhpur PRF	50	21 03 36.8	82 37 50.4		
Dhumabhata	50	20 54 40.4	82 37 24.1		
		Total-	1400		
6	Sunabeda WL	Bhatabandhali	50	20 33 20.0	82 28 30.0
		Thelkobeda	50	20 31 33.0	82 29 17.0
		Gurjibhata	50	20 37 10.0	82 28 32.0
		Bharribanji	50	20 39 54.1	82 30 53.9
		Mulchenbahali	50	20 41 28.0	82 30 19.0
		Raitalbandh	50	20 42 56.1	82 28 18.7
		Chandanpur	50	20 41 02.0	82 31 52
		Sagunbhadi	50	20 39 53.8	82 24 57.6
		Upkapani	50	20 38 39.3	82 22 25.6
		Rajakendu	50	20 38 16.9	82 23 13.3
		Bhachhadhara	50	20 35 56.0	82 20 50.0
		Sahajpani	50	20 42 26.0	82 25 53.0
		Chereichuan	50	20 32 50	82 32 2
		Siletpani(Gindelghati)	50	20 36 55.2	82 31 54.6
		Michhapali	50	20 35 17.2	82 32 41.3
		Dhorlamunda	50	20 28 20	82 34 18
				Total-	800
		Arbi PRF	150	19.331570	83.514870
		Buduni PRF	70	19.277640	83.440800

1	Rayagada	Barijhola RF	50	19.184445	83.311660
		Rafukona RF	150	19.118260	83.230840
		Kurumulumunda PRF	70	19.101800	83.211540
		Kosupadu PRF	60	19.114460	83.492120
		Ludrupudi	50	19.451376	83.350401
		Upper Sajja	50	19.451376	83.350401
		Sankesu	50	19.288859	83.364691
		Bhitar Jhola	100	19.288859	83.364691
		Renga	25	19.225200	
		Sergiguda	25		83.120465
		Basangamali	200	19.301619	
		Bhitar Duluki	100	19.208837	83.038999
		Balkapai	100	19.309359	83.218142
		Bijaghati	75		
		Chanapukali	75	19.266340	83.169490
		Jambaguda	50	19.263800	83.160700
		Dalmaeridi	50	19.178000	83.142700
		Tarabadi	50	19.187100	83.142700
		Thuagudi	50		
		Dulerigaon	50	19.457540	83.525230
		Baniponga	50	19.721210	83.473990
		Purunapani	50	19.670130	83.617020
		Purunapani	50	19.782200	83.574500
		Karkamarka	50	19.776980	83.544400
		maligaon	50	19.828140	83.541780
		Bakalaka	50	19.886430	83.496690
		Kathabadi	50	19.898260	83.469970
		Jodingi	50	19.898260	83.469970
		Kankubadi	50	19.882010	83.504020
		Gumudiguda PRF	100	19.882010	83.504020
		Pedakonda RF	100	19.773070	83.492270
		Loba RF	50	19.3631.6	83.494950
		Thuagudi PRF	50	19.448690	83.494720
		Bududimal RF	50		
Kujendri A RF	50	18.968972	83.746056		
G. Gulumunda RF	100	19.064132	83.861958		
Kalamguda DPF	100	19.224535	83.907565		
Dhenduguda PRF	50	19.238738	83.917635		
Jalanidhi PRF	50	19.106840	83.742230		
Siriguda RF	50	19.149160	83.745400		
Thatuni RF	50	19.184170	83.702840		
Devala RF	50	19.304170	83.656110		
Naira RF	50				
		Total-	3000		
2	Koraput	Bidaghati	50	18.831634	82.646081
		Dakra	50	18.81225	82.7987
		Bondaguda	50	18.77008	82.83806
		Sargighati RF	100	19.0447	83.14369
		Laxmipur Alias Nalachua	100	18.979712	83.12202
		Ambiliput	50	19.08102	83.26339
		Musulimunda	50	18.92269	83.11359
		Naranga	50	18.8469	83.11359
		Kesili	50	18.75498	83.21702
		Subai B PRF	50	18.61527	82.78552
		Kulab PRF	50	18.654496	82.768864

		Nandapur Ext. PRF	50	18.599391	82.686256
		Bangarigudi Ext. PRF	50	18.40119	83.033889
		Bailiguda	70	18.33055	82.658451
		Barangopalli RF	70	18.40686	82.63242
		Chatua RF	60	18.35116	82.75068
		Jayantagiri	50	18.57592	82.41574
		Total-	1000		
3	Jeypore	Chanchadapadar	30	18.9733	82.6751
		Birifulgumma	30	19.1393	82.7748
		Pakhanaguda	20	19.0183	82.4915
		Turunjiguda	20	18.9624	82.7337
		Hatibari	30		
		Ghodaghat B PRF	20		
		Ghatagumar	25	18.82241	82.58997
		Dirbiguda (Ghatabagra)	50	18.90547	82.46989
		Podapadar	25	18.49042	82.34189
		Sahanimunda	70	18.65981	82.44061
		Tenghguda	30	19.0201	82.2433
		Kodolimunda	30	18.9228	82.3792
		Dangrapalli	20	18.9644	82.3488
		Total-	400		
4	Nabarangpur	Kantasar, Maidapur PRF	100	19.47747	82.627
		Kantasar, Maidapur PRF	50	19.50347	82.63178
		Merei- Maidapur PRF	50	19.43986	82.64669
		Kusumbandh VSS-Baigam RF	50	19.51192	82.42582
		Singhiguda PRF	50	19.39772	82.35708
		Batar PRF	50	19.39704	82.4009
		Chargam VSS, Bijapur RF	50	19.537921	82.346211
		Kasipani (Panabeda PRF)	100	19.75325	82.52853
		Kongra (Panabeda PRF)	50	19.68839	82.47739
		Palaspani (Panabeda PRF)	50	19.77919	82.52772
		Ichhapur	100	19 40 48.2	082 26 57.9
		Banuaguda	50	19 32 35.6	082 28 23.7
		Maniaguda	50	19 33 16.4	082 29 14.5
		Padeiguda PRF	150	19.23212	82.2932
		Boraguda (Beheda RL)	50	19.94058	82.19694
		Hatibena PRF (Debagan)	50	19.85206	82.02542
		Naktisimada (Hatigam RF)	50	19.99628	82.03869
		Madiabeda	100	20.03431	82.06661
		Hatigam RF	100	20.02697	82.09047
		Putanada (Revenue land)	50	19.97592	82.20225
		Saitipadar (Podagad RF)	100	19.57	82.178528
		Ijarguda (Malbeda PRF)	50	19.489944	82.13475
		Rajpur PRF	100	19.534139	82.088167
		Kochegam (Singisari RF)	100	19.51675	82.183917
		Hirapur (Podagada RF)	50	19.619603	82.102868
		Attigam RF	100	19.252922	82.240833
Rajoda RF	50	19.231421	82.268656		
Podabasa PRF (WPP)	100	19.260311	82.334831		
		Total-	2000		
		Kanangi	40	18.125251	82.090883
		Nuaguda	40	18.1911738	82.03456
		Dalpatiguda	30	18.577521	82.182675
		Chedenga	50	18.585141	82.118632
		Kulabeda	30	18.604989	82.217553

5	Malakangiri	Pedaguda	30	18.39531	82.09792
		Sarangpalli	30	18.66361	82.156388
		Dariguda	30	18.08895	81.81969
		Duduguda	40	18.22069	81.73523
		Badenguda	30	18.08767	81.59067
		Irlagundi	40	18.159699	81.624994
		Suliapadar	30	18.299058	81.982743
		Dangaskhal	30	18.349359	81.776518
		Megazine	40	18.126513	82.126241
		Anjariaguda	40	18.097863	82.140888
		Similipadar	40	18.0539	82.1256
		Teakpadar	40	18.099625	82.22274
		Palam	20	18.116446	82.079346
		Jadaput	30	18.039312	81.978707
		Koyaguda	20	17.935695	81.654747
		Nilakota	30	17.85206	81.58639
		Gharsapalli	30	17.85086	81.53803
		Kotaguda	30	17.83167	81.41472
		Muraliguda	30	17.88	81.46917
				Total-	800

Annexure-III-XXIII

3rd Year maintenance of Block Plantation @ 1600/palnt/Ha

Sl No.	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	Longitude
1	Dhenkanal	Kandhara RF	20	20 39 03.6	85 10 56.3
		Total-	20		
1	Khurda	Bhusandpur DPF	25	19 56 53.55	85 26 59.32
		Chakadapathara DPF	25	19 52 32.0	85 16 03.0
		Solari DPF	25	19 49 56.9	85 13 40.4
		Duburi DPF	25	20 9 39.7	85 17 14.9
		Total-	100		
2	Nayagarh	Kaliamba RL	20	20 06 15.70	84 54 42.60
		Total-	20		
3	Puri WL	Restoration of FANI ravaged area in Balukhanda-Konark Sanctuary in Balukhanda RF	60	19 50 56.0	85 54 12.0
		Total-	60		
4	Chilika WL	Jhinkaria DPF	10	19 27 14.60	85 06 05.67
		Total-	10		
5	Bhadrak WL	Deula	3	20.968382	86.593898
		Khadalpokhari	6	20.552743	86.49419
		Bodak Sasan	6	20.934302	86.574733
		Bandarisahi	3	20.988284	86.627279
		Chunida	3	20.986400	86.479410
		Kalei	1	21.00196	86.481010
		Kodabaruan	1	21.104940	86.552810
		Kanjiapala	2	20.881720	86.413300
		Rajendrapur	2	21.002925	86.331370
		Total-	27		
1	Baliguda	Sambeda	15	19 56 53.1	83 34 52.6
		Dhudusi	10	19 52 51.7	83 34 53.30
		Padelipadar	10	19 50 28.0	83 45 12.0
		Srirampur	5	19 42 56.8	83 53 59.2
		Bearmaha	5	19 42 5 25.7	83 53 33.9
		Tikarigaon	5	19 45 57.8	83 52 43.1
		Total-	50		
2	Boudh	Thatipali VF	15	20 43 50.2	83 58 42.6
		Kalarajhuli VF	8	20 47 57.62	83 53 11.79
		Total-	23		
3	Gh. South	Kanakapali, Badua PRF, Aska Range	5	19 40 19.9	84 37 05.0
		Panchubhuti ' A ' RF, Buguda Range	5	19 57 42.3	84 51 45.6
		Nadiamba, Bhaliyama in Pandiripada RL, Polasara Range	5	19 47 17.1	84 55 35.5
		Ora , Badagada ' B ' UDPF, Badagada Range	5	19 41 25	84 28 02
		Total-	20		
4	Berhampur	Pipilapadara	10	19 18 44.1	84 32 84.0
		Total-	10		

1	Sundargarh	Khutgaon KF	20	22 11 04.0	84 01 05.0
		Total-	20		
2	Rourkela	Bhainsamunda RF	10	22 02 38.7	84 45 42.1
		Badpurnapani	10	21 51 56.2	84 54 27.3
		Dudi	10	22 09 48.5	84 36 08.7
		Gangore RF	10	22 24 50.9	85 03 12.6
		Total-	40		
1	Baripada	Singimara VF	40	21 57 53.4	86 56 17.3
		Total-	40		
2	Balasore WL	Begunia	10	21.3351	86.482088
		Uparadiha	20	21.3337	86.4036
		Total-	30		
1	Kalahandi North	Karlapada	20	20 05 20.9	83 06 28.5
		Rangapadar	55	20 05 59.9	83 38 45.3
		Turlakhaman	20	20 16 16.8	83 19 59.4
		Goindimunda	20	20 00 24.1	82 49 10.1
		Dudkel	10	20 03 29.1	82 49 33.6
		Total-	125		
2	Kalahandi South	Teliguda	50	19 35 43.4	082 36 11.3
		Total-	50		
3	Subarnapur	Ranijhula	20	20 38 46.00	83 38 29.00
		Bisalpali	15	20 00 13.39	84 06 15.74
		Gadgadbahal	10	20 58 02.21	83 45 44.46
		Kaudiamunda	30	20 59 18.03	83 43 58.08
		Total-	75		
4	Bolangir	Maharapadar	20	20 48 58.5	82 52 54.0
		Debriamunda	20	20 35 51.21	82 45 35.72
		Jamchuan	10	20 41 04.23	82 46 28.75
		Tentulikhunti	20	20 21 02.5	83 06 55.2
		Desil	10	20 21 16.0	83 04 13.9
		Total-	80		
5	Khariar	Gujki PRF-Tikhali	10	20.381846	82.661913
		Palsipani	10	20.409029	82.696468
		Koilakhala-Dongargaon	10	20 05 50.0	82 26 21.5
		Adipita-Malpada	10	20 08 55.2	82 30 53.6
		Total-	40		
1	Koraput	Musaput	30	18.90929	82.69318
		Kerenga	20	18.75745	82.979219
		Tikiriguda	40	18.918753	82.902282
		Bhitarpoda	20	18.77265	83.09517
		Bijaghathi	15	18.807652	83.033957
		Lundrukona	15	19.10493	83.3096
		Suniwalasa	20	18.4922	82.7524
		Redhaput	30	18.4749	82.9239
		Podei	20	18.397227	82.636145
		Podeising	20	18.32908	82.682607
		Cheptamata	10	18.38763	82.78525
		Bada Petta	25	18.741898	82.567697
		Gonthiguda	25	18.53489	82.40228

		Total-	290		
2	Jeypore	Andori	20	18.69157	82.51020
		Chilimal	20	18.66554	82.33470
		Sandhaguda	15	19.00361	82.68972
		Pondasguda	10	19.12389	82.76528
		Kermiti	10	19.00160	82.68880
		Total-	75		
3	Nabarangpur	Betajharan RF	50	19.40967	82.51817
		Photakote RL	10	19.33228	82.55737
		Kohegam (Singisari RF)	30	19.51675	82.183917
		Badagam (Podagad RF)	30	19.545361	82.08225
		Dangariguda (Beheda RL)	20	19.792417	82.239139
		Godegam PRF	20	19.42868	82.33988
		Koilari RF	20	19.51243	82.35539
		Chepitiamba (Deobandh PRF)	10	19 33 31.9	82.29.45.6
		Tangini (Deobandh PRF)	10	19 36 49.3	82.27.25.3
		Total-	200		
4	Malkangiri	Kamarguda	10	18.112853	82.11978
		Khalpadar	5	18.126513	82.126241
		Hataguda	10	18.0555	82.1315
		Gotigda	20	18.253438	82.135721
		Chitapari	20	18.134507	82.073238
		Rangamguda	20	18.161302	82.073238
		Total-	85		

Annexure -III-XXIV

3rd Yr. Maintenance of Bald Hill Plantation @ 1600/plant/Ha

Sl No.	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	Longitude
1	Athgarh	Phulabadi PRF	10	20 27 51.7	85 38 07.0
		Khalidhipi Janisahi PRF	10	20 23 48.6	85 14 55.0
		Total-	20		
1	Nayagarh	Mahulaberana RL	25	20 20 09.76	85 13 32.94
		Gholahandi RL	25	20 21 85.30	84 57 24.90
		Bagharagadi Pahada	15	20 06 43.76	85 05 10.13
		Bhandarapahada	20	20 01 53.80	85 03 15.73
		Bhalumundia RL	15	20 00 25.61	84 58 50.10
		Total-	100		
1	Phulbani	Chakapad RF, (Compt-18 near Sunapanga)	10	20 16 27.6	84 31 02.0
		Total-	10		
2	Berhampur	Nakamudia	10	19 12 53.4	84 39 26.4
		Narayani	10	19 41 18.5	85 10 10.8
		Total-	20		
3	Paralakhemundi	Sara	10	18.99 72.14	83.81 33.38
		R.Udayagiri (R.Udayagiri W UDPF)	5	19 8 0.24	84 8 45.13
		Near Ketung inside Manikapur UDPF	5	19 04 38.06	84 07 23.59
		Near Souri inside Kijanga E UDPF	5	19 04 6.16	84 03 6.04
		Jallanga	4	19 01 25.25	84 09 47.71
		Champapur	6	18 57 49.40	84 08 58.63
		Galaganda	20	18 93 47 75	84 24 64 64
		Bursunda	10	18 97 89 49	84 35 45 75
		Taralasing	10	19 04 50.67	84 27 04 96
		Damba	20	19 12 04.24	84 23 60 35
		Total-	95		
1	Keonjhar	Padmapur RF --Patna Range	10	21 43 33.7	85 47 20.3
		Total-	10		
1	Balasore WL	Along the Kuldiha-Hadgarh-Similipal Elephant Corridor	40.00	21 19 55.28	86 25 22.2
		Total-	40		
1	Kalahandi North	Pirdungguda	15	19 48 44.6	83 13 11.1
		Jambahali	10	20 14 18.9	83 31 26.6
		Gokuleswar	15	20 08 24.4	83 09 24.8
		Total-	40		
2	Kalahandi South	Mardiguda VF	30	19 56 6.89	83 04 43.58
		Junapani	30	19 24 27.1	82 49 02.3
		Badchhatrang	20	19 28 26.5	82 54 25.5
		Kaudola	20	19 37 59.5	82 39 30.5
		Kumudabahal	25	19.60416	82.97529

		Bhitarpadar	15	19.31053	82.91489
		Total-	140		
3	Subarnapur	Chudakhai	80	20 39 60.00	83 39 56.00
		Bhalusukha	40	20 39 27.00	83 39 59.00
		Ramei	20	20 39 41.00	83 42 42.00
		Total-	140		
4	Bolangir	Kursud (Dangar)	20	20 10 53.3	82 57 47.1
		Chinched	10	20 30 08.6	83 31 54.8
		Sangurjibhata	20	20 40 38.84	82 44 15.22
		Bangabahal	15	20 56 24.8	83 34 40.4
		Suapada	15	20 25 17.6	83 09 07.5
		Rengatasil	15	20 42 21.5	83 14 04.1
		Brahmani	15	20.477679	83.304329
		Total-	110		
5	Khariar	Thelkodungri VF	10	20.33454	82.70222
		Choura PRF- Jogibahal	10	20 05 16.6	82 41 48.1
		Chereipani PRF-Karlapani	10	20 07 06.5	82 42 37.1
		Bhalukona	5	20 54 40.4	82 37 24.1
		Total-	35		
1	Rayagada	Buduni PRF	10		
		Baleswar FB	10		
		Pandrapada	10	19.460557	83.261508
		Kusapai	10	19.31356	83.292449
		Bartibali	15		
		Tentulipadar	30		
		Kerenja	15		
		Total-	100		
2	Koraput	Mosiput	15	18.780173	82.699198
		Sargighati	15		
		Kharikona	15		
		Badatema	15	18.58337	82.891369
		Suniwalasa	10	18.53094	82.99168
		Haridaguda	20	18.44675	82.75956
		Puki (Badapetta)	10	18.756683	82.582837
		Total-	100		
3	Jeypore	Parol	20	18.72723	82.52906
		Pondasguda	10	19.0016	82.6888
		Champapadar	10	19.0775	82.736111

Annexure - III-XXV

3rd Year Maintenance of Bamboo Plantation @ 400/plant/Ha

SI No.	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	Longitude
1	Angul	Balanga RF Compt No-4	20	20.697806	85.004750
		Machhakuta KF	10	21.051194	84.830417
		Total-	30		
2	Athmallik	Dhandatopa Range HRF Compt. No. 8	30	20 45 42.7	84 39 33.8
		Total-	30		
3	Athgarh	Baudabanakhandi RF	30	20 28 51.5	85 40 00.6
		Deulia RF	10	20 34 23.4	85 41 59.8
		Total-	40		
1	Nayagarh	Guriabari RF	30	20 20 28.16	85 05 17.49
		Total-	30		
1	Phulbani	Krandibali East RF(near Majhipada)	20	20 22 05.3	84 06 12.3
		Total-	20		
2	Baliguda	Tuakala	10	19 55 52.0	83 36 49.2
		Gohili	10	20 02 25.5	83 38 59.0
		Nilimajhiguda	10	19 44 26.5	83 49 06.19
		Total-	30		
3	Gh. North	Darpangia RF C/8	30	20 01 29.3	84 27 47.2
		Total-	30		
4	Paralakhemundi	Ambliamba	50	19 31 15.1	84 21 08.2
		Near Gothakeli	50	19 21 34.8	84 24 36.1
		Champapur	35	18 53 18.71	84 23 53.25
		Satabhouni	30	18 54 28.93	84 18 36.29
		Gandahati	20	18 52 56.466	84 15 51.408
		Near Simiri inside R.Udayagiri W UDPF	10	19 12 29.04	84 06 58.55
		Near Budhisila R.Udayagiri S PRF	10	19 08 13.92	84 08 2.76
		Near Ketung inside Manikapur UDPF	5	19 04 44.43	84 07 36.52
		Near Attarasingi inside Manikapur UDPF	5	19 05 90	84 09 01
		Near Naudipadar inside Chapulikirima UDPF	15	19 07 13.06	84 01 22.01
		Laxmipur	25	19 14 4.85	84 26 1.42
		Beding	25	19 08 38.84	84 30 28.79
		Kanakata	25	19 11 6.7	81 31 05.5
		Patusahi	25	19 25 07 61	84 18 23.77
Engarsing	50	19 00 61 60	84 22 43.03		
		Total-	380		
1	Bargarh	Adwal PRF	50	21 04 05.8	82 55 15.6

		Total-	50		
1	Sundargarh	Garjanpahad RF	40	21 58 20.7	83 39 55.8
		Total-	40		
1	Balasore WL	Swarnachuda	10	21.2758	86.4616
		Menakasa	10	21.8816	87.177
		Total-	20		
1	Kalahandi North	Porgel RF	100	20 00 57.5	83 25 47.8
		Total-	100		
2	Bolangir	Jhinkidunguri	30	20 27 34.0	83 13 12.8
		Total-	30		
3	Khariar	Latabanji PRF	15	20.424542	82.673415
		Anupgarh-Tandel-C	10	20.554164	82.697601
		Khairpadr	15	20 06 17.4	82 32 48.5
		Total-	40		
4	Sunabeda WL	Gundrupani	15	20 36 23.0	82 27 11.0
		Godhus (Babapada)	15	20 40 05.6	82 26 15.7
		Total-	30		
1	Jeypore	Jhodanga	25	18.73759	82.42088
		Kukudakata	15	19.145556	82.755556
		in side Malchama RF	10	19.02647	82.41633
		Total-	50		
2	Nabarangpur	Bankasargi RF	10	19.25411	82.49326
		Tohora(Beheda RL)	10	19.804	82.228194
		Total-	20		
3	Malkangiri	Jhileruguda	30	18.471845	81.88694
		Total-	30		

Annexure-III-XXVI

3rd Year maintenance of Fodder & Fruit Bearing

SI No	Name of the Division	Location	Area	Geo Co-ordinates	
1	Dhenkanal	Khankira RF	10	N-20-43-36.60	E-85-55-58.56
2	Jeypore	Janiguda	10	19.06689	82.507903
Total-			20		

Year maintenance of Fodder & Fruit Bearing (Urban Mode)

SI No	Name of the Division	Location	Area	Geo Co-ordinates	
1	Chandaka WL	Sunakhani DPF	9.375	N20 19 95	E85 40 36
		Akhanaga PF	6.25	N 20 22 84	E85 40 23
		Chandaka RF	13	N 20 23 27	E 85 45 24
		Daspur RF	6.74	N 20 19 19	E 85 43 54
		Ratanpur DPF	4.135	N 20 14 34	E 85 39 38
		Jagannath Prasada PRF	8.7	N 20 20 46	E 85 46 56
		Bharatpur RF	14.3	N 20 18 53	E 85 48 11
Total-			62.5		

ANNEXURE III- XXVII

3rd Yr. Maint. Of MIYAWAKI PLANTATION					
Sl No	Name of the Division	Location	Area in Ha.	Geo Co-ordinates	
1	Dhenkanal	Potapali VF	1	N20 36 44.14	E85 35 47.63
2	Kalahandi (N)	Kutrukhai	1	N19 05 48.3	E83 08 27.8
3	Koraput	Sapara - B	1	N18.81842	E82.68044
4	Malkangiri	Balimela NAC	0.5	N 18.22727	E 82.08529
		Grand Total-	3.5		

Annexure III-XXVIII

3rd Yr. Maint. Of RET Specis without Gap @5489/Ha.

Sl No	Name of the Division	Location	Area in Ha.	Geo Co-ordinates	
1	Athgarh	Nagatota RF	50	N 20 26 35.0	E 85 18 38.1
		Haladiaseni RF	50	N 20 28 39.5	E 85 19 49.3
		Total-	100		
2	Phulbani	Tikabali RF	37	N 20 09 42.3	E84 25 31.5
		Bandhagada A PRF	100	N20 08 50.6	E 84 23 12.9
		Pakulingia RF	100	N20 15. 06 7	E84 20. 88 7
		Total-	237		
3	Gh. South	Kadapada RF	100	N-19 55 51	E-84 46 00
4	Paralakhemundia	Patikota RF	48	N-18.821299	E-84.138395
5	Sambalpur	Tabloi-Deogaon RF	50	N-21-12-05	E-83-59-46
6	Bamra WL	Bialipali RF	11	21 38 45.04	84 13 15.23
7	Kalahandi North	Gurjimunda	25	N20 08 58.3	E83 08 52.7
8	Kalahandi South	Bhataguda	5	19 57 04.14	83 78 33.75
9	Subarnapur	Sunadei RF	60	20 35 24	83 37 23
10	Bolangir	Gandhamardan RF	100	20 51 58	82 51 31
				20 51 1.62	82 51 35
11	Rayagada	Gunupur	3	19 05 30.12	83 81 75.86
12	Koraput	Mathalapur RF	50	N-18 75 86.65	E-82 93 00.07
13	Jeypore	Ghatagumar PRF	10	18.82241	82.58997
Grand Total-			799		

3rd Yr. Maint. Of RET Specis with Gap @0.08091/Ha. as per wage rate Rs.308/ Day

Sl No	Name of the Division	Location	Area in Ha.	Geo Co-ordinates	
1	Rayagada	Similiguda	20	19 16 95.4	83 07 52.68
2	Phulbani	Kalinga Sandalwood RF	5	20 09 42.3	84 25 31.5
		Pukulingia RF	20	20 08 50.6	84 23 12.9
		Tikabali RF	20	20 15 06.7	84 20 88.7
		Bandhagada A PRF	20	20 21 17.0	84 08 19.0
		Total-	65		
Grand Total-			85		

Annexure-III-XXIX

4th Year Maintenance of ANR Plantation @ 200 Plant/Ha

Sl No.	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	Longitude
1	Angul	Antulia Tabada- 6	100	20.80516	84.852
		Devinagar PRF	50	21.00653	84.8252
		Simlipathar RF-1	50	20.58376	84.4827
		Katada RF Comptt-1	50	20.89192	84.7904
		Bramhanbil RF	50	21.03829	84.95328
		Kanheijena RF	100	21.05963	85.10243
		Pathuria Petachira RF	100	20.99305	85.19903
		Total-	500		
2	Athmalik	Kusumkهوري RF Compt. No.1	50	20 39 15.8	84 40 19.3
		Total-	50		
3	Dhenkanal	Korian RF	50	20 40 49.6	85 33 15.5
		Bega RF	25	20 46 19.39	85 57 59.83
		Lahada B RF	50	20 45 06.87	85 50 34.84
		Maulabhanja RF	50	20 55 48.2	85 40 32.8
		Anantapur RF	50	21 00 18.8	85 27 13.0
		Suniamaru RF	100	20 53 14.7	85 32 43.8
		Dolia RF	50	21 06 11.6	85 24 53.6
		Kandhara RF	50	20 35 55.1	85 13 11.1
		Koi R.F.	75	20 39 14.1	85 10 41.2
		Total-	500		
4	Athgarh	Kumaranga RF	100	20 24 34.5	85 27 04.8
		Talachandragiri RF, C/1	100	20 28 04.0	85 12 59.4
		Khalakhala RF	100	20 30 01.0	85 43 27.1
		Adala RF	100	20 34 08.5	85 40 00.3
		Deobhuin RF, C/1	50	20 33 46.1	85 08 44.0
		Deobhuin RF, C/9	50	20 31 19.9	85 12 32.3
				Total-	500
5	Cuttack	Inside Karanji PRF	100	20 40 4.12	85 54 36.42
		Kamarda	100	21 03 23.83	85 50 08.95
		Rathapada	100	21 04 51.16	85 58 58.41
		Deulakana	100	21 05 24.13	85 58 20.38
		Pitajhar	100	21 03 23.98	85 57 41.95
				Total	500
1	Khurda	Patia RF, C/5	100	19 56 41.47	85 17 48.99
		Mandalasingh DPF	100	20 12 21	85 16 05
		Sandha DPF	100	19 53 35.1	85 12 15.2
		Bankad RF, C/4	100	19 51 22.78	85 05 0.02
		Mal RF, C/6	50	19 59 47	85 15 25
		Mal RF, C/14	50	19 57 29.5	85 10 15.3
		Total-	500		
2	Nayagarh	Hatimunda RF C/10	100	20 14 17.51	85 06 55.98
		Sulia RF	50	20 07 20.40	84 58 46.00
		Palva RF	50	20 09 34.80	84 55 32.90
		Hatimunda RF	50	20 17 16.40	84 57 58.70
		Pokharigochha RF C/5	50	20 16 59.17	84 47 15.11

		Guriabari RF	50	20 20 07.90	85 05 29.00
		Gochha RF	50	19 58 18.96	84 59 03.24
		Gochha RF C/18	50	19 56 11.23	84 57 34.56
		Makarapalli PRF	50	20 04 28.36	84 49 04.68
		Total-	500		
4	Chilika WL	Pital PRF	100	19 29 25.58	85 11 54.55
		Jhinkaria DPF	50	19 27 31.55	85 06 31.32
		Nandighar DPF	50	19 28 55.55	85 06 58.33
		Total-	200		
5	Puri WL (@600 Plant/Ha.)	Balukhanda-Konark wildlife sanctuary	400	19 49 38.5	85 56 36.6
		Total-	400		
1	Phulbani	Dindragaon	100	20 21 58.4	84 08 58.2
		Katimaska	100	20 31 44.1	83 51 17.4
		Pandrisuga	100	20 25 17.3	84 23 19.8
		Panganaju	100	20 12 44.61	84 18 59.51
		Gundabaju	100	20 05 15.1	84 24 03.8
		Padangi	100	20 10 56.5	84 10 48.6
		Penagoberi	100	20 10 15.5	84 15 48.7
		Mallicksahi	100	20 31 31.4	84 18 50.0
		Total-	800		
2	Baliguda	Subarnagiri	200	19 53 06.9	83 47 47.6
		Rusimal RF	100	19 41 22.08	84 10 49.24
		Katingia APRF	100	19 40 56.8	84 09 46.57
		Karjandi	100	20 00 17.7	83 33 19.54
		Serchengeda	100	19 59 52.56	83 30 8.27
		Mundimaska	100	19 54 02.4	83 32 43.1
		Tumudibandha	100	19 57 55.6	83 42 04.5
		Total-	800		
3	Boudh	Bankamundi R.F C/3	100	20 40 00.71	84 20 24.73
		Panchara RF, Compt. No. 3	50	20 43 13.09	84 02 25.2
		Penajore RF, Compt. No. 5	50	20 38 09.5	83 59 34.4
		Aragarh RF C/6	50	20 38 36.21	84 31 44.42
		Arakhapadar RF C/4	100	20 33 57.4	84 37 59.0
		Padhel RF Compt. No. 4	50	20 30 24.0	83 46 54.4
		Padhel RF Compt. No. 5	50	20 29 41.0	83 46 55.8
		Putputigarh RF Compt. No. 5	50	20 39 47.02	83 48 06.53
		Total-	500		
4	GH. North	Gallery RF C/5	50	20 59 32.0	84 32 23.5
		Gallery RF C/6	50	19 57 29.6	84 32 42.1
		Gallery RF C/7	50	19 59 33.0	84 33 34.0
		Gallery RF C/8	50	19 59 50.6	84 34 32.1
		Gallery RF C/15	50	20 01 30.5	84 33 09.2
		Gallery RF C/17	50	19 95 81.34	84 57 11.92
		Kaliamba RF C/5	50	19 51 33.6	84 35 08.4
		Kaliamba RF C/6	50	19 52 29.2	84 34 24.2
		Kaliamba RF C/4	50	19 50 50.7	84 33 30.2
		Kaliamba RF C/2	50	19 52 11.7	84 31 11.0
		Total-	500		

5	Gh. South	Nagiri RF	100	84.731	19.87272
		Kiriamba RF, Compt. No. 10	100	84.84749	19.83756
		Sodaka 'A' DPF near Sodaka Village	100	84 46 29.8 84 46 28.5	19 44 19.0 19 44 15.4
		Sodaka 'A' DPF	100	84 46 43.64	19 44 31.20
		Sakatapalli in Mundapita RF, Comptt. No.2	100	84 21 16.9	19 44 58.6
		Total-	500		
6	Berhampur	Baniamari RF	100	19 13 17.0	84 41 30.8
		Ramaguda RF	100	19 16 14.4	84 40 17.2
		Ramaguda RF	100	19 17 10.2	84 41 40.0
		Baniamari RF	100	19 15 03.6	84 40 13.4
		Babool PRF	50	19 34 00.7	85 01 57.8
		Bhallery PRF	50	19 41 02.2	85 09 50.7
		Total-	500		
7	Paralakhemundi	ORA RF near Champa Ghati	50	19 17 48.3	84 20 42.0
		N.Jhalarsingi (Chapulikirama UDPF)	50	19 14 28.8	84 04 42.6
		Surangi (Sargi Sahi PRF)	50	19 03 38.2	84 05 36.6
		Tabarada UDPF	50	19 04 57.5	84 05 52.3
		Atarasing (Manikapur UDPF)	50	19 05 45.6	84 09 31.4
		Palapur Keredango UDPF	50	19 09 17.5	84 00 02.1
		Gopalapur	50	19 00 63.09	84 16 33.22
		Bhaliasahi	50	19 01 38.6	84 15 5.73
		Balipur	50	18 95 28.1	84 16 41.9
		Lorha	50	18 93 9.09	84 16 06.2
		Krushnapur	50	18 91 00.5	84 15 90.83
		Gramteli	150	18 89 89.7	84 17 6.9
		Maringi	100	18 81 0.6	84 33 0.6
		Total-	800		
1	Jharsuguda	Ghagdurngri RF	100	21 59 43.78	84 22 11.10
		Banrai-A-PRF	100	22 00 36.40	84 18 04.68
		Pitamal PRF	100	21 57 09.12	84 08 23.41
		Lamdungri PRF	50	21 54 48.23	84 20 50.51
		Lariapali DPF	50	21 46 01.23	84 17 04.96
		Badkhalia PRF	50	21 50 13.28	84 09 26.2
		Mahulmunda PRF	50	21 50 20.3	84 06 22.1
		Total-	500		
2	Sambalpur	Dumerchuan-Mundher RF	150	21 20 23.1	84 04 50.6
		Jaduloisingh-Gunjaghar RF	50	21 17 52.57	84 00 41.24
		Dumerchuan-Mundher RF	50	21 23 17.31	84 02 24.56
		Ghichamura Phuljhar RF	100	21 41 40.4	84 5 49.2
		Chhamunda RF	50	21.3204	84.17604
		Parsalikhaman RF	100	21.35095	84.34532
		Total-	500		
		Kholgarh R.F	50	21 05 25.91	84 21 55.35
		Kholgarh R.F	50	21 06 20.76	84 18 27.49

3	Rairakhol	Kholgarh R.F	100	21 04 41.24	84 19 32.29
		Hatidhara R.F	100	21 05 15.9	84 25 25.8
		Landakote RF	50	21 20 14.68	84 18 35.54
		Landakote RF	50	21 19 38.15	84 28 57.13
		Landakote RF	100	21 15 12.68	84 20 57.95
		Total-	500		
4	Bargarh	SDBR RF	50	21 29 7.7	83 21 15.6
		Dechuan RF	50	21 38 44.06	83 34 30.05
		Maleikhaman RF	50	21 13 04.4	83 14 52.4
		Gandhamardan PRF	50	20 46 50.0	82 44 51.7
		Total-	200		
5	Bamara WL	Kahapani KF	25	22 2 41.19	84 18 48.61
		Rabandihi PRF	20	22 4 14	84 17 47
		Dahamunda KF	30	22 5 25.37	84 19 48.47
		Kinabaga B DPF	40	21 57 44.56	84 30 40.44
		Pravasuni RF	30	21 40 7.7	84 24 10
		Khajuria RF	20	21 40 12.1	84 28 51.6
		Chelkothi KF	10	21 36 33.8	84 20 25.33
		Sauntimal PRF	10	21 33 47.93	84 23 15.83
		Addl Kansar RF	10	21 50 52.8	84 38 51.4
		Budhikuten PRF	30	21 30 49.2	84 12 57.3
		Kisinda PRF	10	21 20 37	84 20 41.9
		Uradei KF	50	21 19 7.69	84 24 32.47
		Asandahala KF	50	21 19 23.5	84 26 4.2
		Balasinga KF	15	21 18 4	84 29 28.1
Chandrapur KF	50	21 17 53.1	84 33 42		
		Total-	400		
1	Sundargarh	Peruabhadi RF	50	22 14 39.10	84 07 38.88
		Kusumura RF	150	22 16 19.6	83 59 11.1
		Dhangergudi RF (I)	100	22 13 59.07	83 45 24.43
		Rohini RF	100	21 50 59.1	83 41 29.8
		Sisoopahad RF	100	21 55 36.8	83 50 27.3
		Total-	500		
2	Rourkela	S. Champajharan	150	22 08 09.96	84 45 52.39
		Dhumagada	100	22 22 45.5	84 50 18.2
		Chatam	150	22 05 23.2	84 34 54.9
		Kucheita	50	22 04 32.2	84 54 30.5
		Jharbeda	50	22 03 10.4	85 00 47.2
		Total-	500		
3	Bonai	Balia RF	100	22 0 53	84 36 23
		Amrudhi RF	20	21 21 9.5	85 2 25.6
		Sialikudar (Lunga RF)	20	21 39 30.63	85 1 58.37
		Sulabhadihi (Lunga RF)	20	21 43 20.43	85 2 54.21
		Sanjala (Lunga RF)	20	21 44 57.49	85 4 3.31
		Budhabhuin (Khandadhar PRF)	20	21 36 5.83	85 8 24.63
		Ulsura RF	100	21 46 2.0	84 41 25.21
		Balia RF	100	21 44 36.2	84 41 20.0
		Toda RF	100	21 55 36.9	85 10 16.8
		Total-	500		

4	Deogarh	Pravasuni RF	100	21 31 7.4	84 33 15.3
		Pradhanpat RF	200	21 33 39.2	84 48 8.86
		Mandasila RF	100	21 39 42.91	84 48 52.02
		Badataila RF	100	21 35 10.17	84 54 32.00
		Total-	500		
5	Keonjhar	Atei RF - Ghatagaon	150	21 23 23.0	85 54 21.0
		Baunsuli RF - Khireitangiri	100	21 44 14.1	85 43 52.6
		Nalapanga RF	50	21 26 30.74	85 40 35.55
		Naranpur RF	50	21 32 39.86	85 37 56.47
		Basantapur RF	50	21 31 35.17	85 39 27.67
		Raghunathpur RF	50	21 36 29.36	85 42 8.91
		Jadipada RF	50	21 45 30.03	85 38 20.88
		Total-	500		
1	Baripada	Durgapur RF	50	21.82776	86.87798
		Dalki RF	50	21.67518	86.84902
		Kuliana RF	50	22 5 17.88	86 40 38.79
		Chandua RF	100	22 05 36.0	86 44 06.9
		Suliapada RF-III	50	22 02 34.8	86 57 49.0
		Suliapada RF-I	50	22 01 02.9	86 58
		Dhaundia RF	50	21 37 21.0	86 46 36.0
		Udala RF	50	21 35 10.9	86 35 14.5
		Kuamara RF	50	21 38 22.5	86 43 14.7
		Total-	500		
2	Karanjia	Satkosia RF	100	21 19 40.6	86 10 50.1
		Taramara RF	100	21 27 45.8	86 8 51.1
		Baunsdiha RF	50	21 31 9.9	86 6 35.1
		Banamunda RF	50	21 26 50.6	86 14 50.5
		Kendumundi RF – II	25	21 39 44.4	86 7 10.2
		Bisipur RF-I	25	21 43 29.4	86 6 33.4
		Purunapani-RF	50	21 35 36.6	86 6 4.4
		Sanbodposi Rf	50	21 48 17.5	86 56 43.3
		Panpataria RF	50	22 1 53.2	85 43 28.6
		Total-	500		
3	Rairangpur	Manbir R.F.	50	22 14 40.8	85 59 08.3
		Total-	50		
4	Keonjhar WL	Atei RF	120	21 16 49.68	85 59 52.08
		Baranga RF	50	21 02 20.97	86 04 13.05
		Rebana RF	30	21 15 52.00	85 38 12.00
				21 17 39.00	85 39 42.00
		Palaspal RF	250	21 14 50.015	85 46 12.106
		Rebana RF	20	21 13 44.834	85 50 26.514
		Rebana RF	30	21 13 56.309	85 49 59.593
		Total-	500		
1	Kalahandi North	Dakibundel	100	19 49 4.57	83 68.76
		Pattola	100	19 52 47.69	83 54.83
		Sinjhran	100	19 54 23.1	83 65.54
		Karlapada	200	20 5 50.40	83 619.11
		Mundagaon	100	20 01 13.4	83 27 41.9
		Nuagaon	100	20 03 42.8	82 56 33.8
		Salegaon	100	20.1304	82.97044

		Total-	800		
2	Kalahandi South	Sahajkhol RF	200	19 44 51.7	83 36 34.8
		Sahajkhol RF	300	19 39 10.1	82 35 31.3
		Sahajkhol RF	100	19 33 56.7	82 37 10.0
		Udayagiri R.F	100	19 26 28.9	82 52 34.2
		Roul RF	100	19.73479	83.32697
		Total-	800		
3	Subarnapur	Goudgad R.F.(A)	100	21 02 29.96	84 03 37.47
		Chohatakhol	100	20 54 38.50	83 38 45.06
		Ranisarda	100	20 51 34.66	83 36 33.30
		Radhiapali	100	20 56 42.27	83 58 26.42
		Harinapali	100	20 58 22.68	83 56 41.88
		Total-	500		
4	Bolangir	Bender Beat (Bender -I)	50	20 41 17.7	82 48 26.9
		Dhaurakhaman Beat (Bender-II)	50	20 37 22.5	82 51 37.6
		Karlakhutna Beat (Bender-I)	50	20 42 22.0	82 50 49.0
		Rengali Beat (Bender-II)	50	20 38 09.3	82 94 33.0
		Muribahal, Muribahal Range	100	20 23 57.1	83 01 47.4
		Bhalukund, Patnagarh Range	50	20 35 20.4	83 11 15.0
		Godaramunda, Patnagarh Range	50	20 35 00.0	83 08 07.5
		Total-	500		
5	Khariar	SIALLATI INSIDE GHATI PRF	100	20 46 45.4	82 34 58.7
		Darlimunda VF	100	20 49 49.2	82 37 05.9
		Dongargaon	100	20.07924	82.48011
		Patialpada	100	20 08 41.0	82 41 36.88
		Ghantiguda	100	20 04 26.14	82 40 45 .03
		Gandabahali	100	20 08 56.9	82 41 41.16
		Gobindpur	200	20 09 59.8	82 31 29.01
		Total-	800		
1	Rayagada	Gumma RF	100	19.174417	83.264861
		Mirabali RF	100	19.073858	83.526778
		Baridi RF	100	19.019803	83.744490
		Bangi RF	100	19.711173	83.689842
		Thatuni RF	100	19.475879	83.820154
		Total-	500		
2	Koraput	Chanabada	120	18.97714	82.93897
		Ramjee	180	18.95795	82.96616
		Padua	100	18.37017	82.69036
		Jabagada	50	18.463837	82.554692
		Nakulapadar	50	18.68347	82.54814
		Total-	500		
3	Jeypore [304]	Chipakur	50	18.1650	82.1547
		Majhiguda	50	18.4648	82.1500
		Rupabada	50	18.5005	82.1448
		Nuaguda (Gajalabadi)	50	18.3500	82.7250
		Dhoudapadar	50	18.3567	82.7210

		Ghatgumar	50	18.5018	82.3641
		Sundhiguda	50	18.5231	82.3653
		Raniguda	50	19.0151	82.2133
		Asana (Sindhigaon PRF)	100	18.5942	82.2871
		Total-	500		
4	Nabarangpur	Jagannathpur RF	100	19.18762	82.7631
		Torenga RF(Isarguda)	50	19.479528	82.118000
		Singisari RF (Mudiguda)	50	19.490833	82.198917
		Saitipadar (Podagad RF)	50	19.567972	82.176000
		Hatigam RF (Binayapur)	100	19.99678	82.13581
		Hatigam RF(Rengabhatti)	50	19.96414	82.06711
		Hatigam RF(Hatigam)	50	20.00317	82.05364
		Hatigam RF(Maripara)	50	19.99086	82.02756
		Total-	500		
5	Malakangiri	Badapadar	20	18.1025	82.16972
		Arnabhata	20	18.138539	82.265154
		Kamarguda	20	18.119783	82.099609
		Kamalapadar	20	18.039	81.97758
		Maliguda	20	18.11377	82.27621
		Laxmipur	40	18.07815	82.03604
		Palam	30	18.11389	82.070
		Rampur	30	18.419083	81.895404
		Similibancha	50	18.09544	81.55514
		Iralgundi	25	18.21304	81.74429
		Phagurkonda	25	18.21304	81.74429
		Kotaguda	40	17.82500	81.39499
		Tadimetla	30	17.88458	81.45517
		Kattanpalli	30	17.98895	81.52664
		Polluru	50	17.89698	81.66465
		Malavaram	50	17.88396	81.56534
		Total-	500		

Annexure- III-XXX

4th Year maintenance of Block Plantation @ 1600/palnt/Ha

Sl No.	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	Longitude
1	Dhenkanal	Ambithi RF	30	20 41 08.8	85 09 10.0
		Balipasi RF	40	20 48 55.7	85 58 0.72
		Khalpal RF	10	20 58 43.7	85 17 34.1
		Talcher Border RF	20	21 03 37.4	85 12 12.6
		Total-	100		
2	Cuttack	Padiabandha in Binchana PF	17	20 39 01.3	85 58 42.7
		Kamarda	10	21 03 40.87	85 50 22.32
		Bahali Sahi	30	21 03 44.42	85 50 35.53
		Odisha Baniasahidhia (Adjacent to Jagatsinghpur Municipality area)	3	20.22811	86.18749
		Bhadigotha inside Bandhapali PRF	10	20 40 23.06	86 00 36.6
		Total-	70		
1	Khurda	Rameswar DPF	20	19 59 29.20	85 31 26.89
		Nalsingh DPF	10	20 01 11.58	85 29 41.72
		Chakadapathar DPF	10	19 52 17 3	85 14 33.0
		Jharan DPF	10	19 48 15.48	85 04 47.28
		Jharan DPF	10	19 49 05.12	85 04 17.62
		Parikansari Revenue land, Khata No. 253, Plot No. 135 & 145	20	19 47 57.75	85 12 53.44
		Tangeni Revenue land	10	20 04 47.64	85 44 45.64
		Biswanath Rev.forest	10	20 04 54.73	85 44 07.40
		Total-	100		
2	Nayagarh	Kusadhipi RL	20	20 04 00.53	85 00 25.32
		Kalamba RL	20	20 06 15.70	84 54 53.00
		Narayanprasad RL	10	20 23 31.60	85 00 02.00
		Paturia RL	15	20 23 48.30	85 55 04.60
		Jakeda RL	15	19 59 37.63	85 09 55.02
		Khajuribania RL	10	20 17 11.00	84 48 47.10
		Total-	90		
3	Puri WL	Samarei Sasan	10	20 05 38.6	85 51 51.1
		Tikina	10	19 51 34.18	86 01 20.10
		Total-	20		
1	Baliguda	Kilangi PRF	10	19 54 18.5	83 45 25.3
		Desughati	10	19 56 32.47	83 33 57.57
		Total-	20		
2	Boudh	Bijapadar V.F	15	20 44 47.5	84 12 32.7
		Tarbha V.F	15	20 44 57.8	84 09 44.9
		Jadapal V.F	20	20 41 18.63	84 03 07.23
		Gopalpur V.F & Gochar	20	20 43 9.86	83 57 05.19
		Benges Gochar Land	10	20 33 05.1	83 45 24.4
		Badaasur V.F	10	20 30 05.4	83 45 37.5
		Gansangudi V.F	10	20 41 19.02	84 06 19.9
		Total-	100		

3	Gh. South	Khariguda in Badagada-A UDPF of Badagada range	5	84 19 05.0	19 40 13.0
		Srirampalli in Srirampalli PRF of Badagada range	5	84 21 47.0	19 41 38.0
		Sadangipalli in Badagada-B UDPF of Badagada range	5	84 28 06.0	19 36 17.0
		Ora in Badagada-B UDPF of Badagada range	5	84 28 01.0	19 41 17.0
		Gokulapur in Srirampalli PRF	25	84 20 36.0	19 40 09.0
		Kharikuti, Asurabandha Beat, Pipalpanka RF	15	84 20 09.6	19 48 10.5
		Purunapani Daburia in Polasara Range	5	84 51 8.16	19 42 5.24
		Bhabarada East Beat	15	84 52 13.4	19 44 32.3
		Tangarei RF	5	84 53 12.9	19 47 56.3
		Panchubhuti 'A' RF, Comptt. No. 4	10	84 53 12.9	19 55 27.1
		Karchulli 'B' RF	5	84 52 53.2	19 54 38.6
		Total-	100		
4	Berhampur	Sundarapur	10	19 23 22.0	84 54 28.7
		Kumbajhari	10	19 22 25.5	84 42 6.9
		Betajhari	10	19 15 57.1	84 39 51.5
		Total-	30		
1	Jharsuguda	Naxapali VF	25	21 54 57.73	84 10 49.72
		Bhatlaida VF	25	21 50 50.02	84 12 14.7
		Total-	50		
2	Bargarh	Barikel	20	21 12 6.963	83 40 49.746
		Jhanjpahad PRF	20	21 05 52.1	83 12 07.7
		Hardatal VF	15	20 57 17.8	82 58 44.5
		Total-	55		
1	Sundargarh	Ardadungri (Kodbahal)	20	21 59 56.9	83 38 22.3
		Beheramunda RF (Daghora)	10	21 52 35.4	83 35 29.1
		Garjanpahad RF (Daghora)	10	21 52 58.3	83 40 35.9
		Madhupur	10	22 01 47.7	84 15 44.4
				22 00 57.9	84 14 53.3
		Sribhabanpur DPF	30	22 03 04.1	83 56 01.6
		Jhulendihi KF	10	22 03 47.3	83 52 18.1
		Kulabira KF	10	22 04 43.2	83 48 05.1
		Total-	100		
2	Rourkela	Ganjur	10	22 25 19.3	85 03 46.5
		Santoshpur	10	22 15 23.1	84 87 52.4
		Bhainsamunda	10	22 02 39.76	84 45 19.51
		Total-	30		
3	Bonai	Bijakuli-Beldihi DPF	20	21 47 19.6	84 53 0.4
		Budhabhuin (Khandadhar PRF)	10	21 36 5.83	85 8 24.63
		Bandhabhuin (Mahulpada RF)	10	21 36 5.83	85 8 24.63
		Total-	40		
4	Deogarh	Kankarkhol PRF	25	21 19 24.647	84 43 51.142
		Kankarkhol PRF	25	21 19 56.909	84 43 25.804
		Kankarkhol PRF	25	21 20 20.031	84 42 18.542
		Tarang PRF	25	21 16 20.0	84 34 5.0
		Total-	100		

1	Baripada	Dighi RF	20	22 57 59	86 37 53.3
		Tatapada RF	20	21 41 42.6	86 00 34.9
		Belakuti RF	10	21 39 47.3	86 42 24.4
		Total-	50		
2	Karanja	Jambani	5	21 21 57	86 15 44
		Salchua	5	21 18 9.64	86 10 12.87
		Khejuria RF	10	21 32 26.2	86 8 18.6
		Khuntakota	10	21 37 46.3	86 6 54.5
		Hindola RF	10	22 3 28.9	85 43 56.6
		Buruhatu	10	22 4 45	85 48 43.4
		Naksara RF	10	22 6 8.5	85 48 55.7
		Hatisalbeda RF	10	21 44 17.7	86 4 21.6
		Paudia RF	10	21 46 43.5	86 5 39.1
		Mahuliasoli RF	5	21 54 2.1	85 50 42.8
		Mahadev Deuli RF	5	21 54 3.8	85 50 42.1
		Near village Chadban	5	22 1 44.2	86 5 45.4
		Budhipat DPF (Near village Pahadpur)	5	22 1 15	86 1 30.1
				Total-	100
1	Kalahandi North	Karlapada	20	20 546.30	83 634.41
		Borguma	10	20.154656	82.941552
		Purnapani	15	20 05 26.6	83 01 18.0
		Total-	45		
2	Kalahandi South	Niyamgiri RF	50	19 68 33.4	83 37 38.4
		Nachniguda RF	50	19 65 53.5	83 34 87.7
		Total-	100		
3	Subarnapur	Adakasa	20	21 02 49.38	83 42 04.92
		Anandapur	15	20 58 11.28	83 41 37.26
		Badbahali	20	20 47 23.37	83 43 57.57
		Bandhpali	25	20 46 57.62	83 44 45.82
		Badtenda	20	20 36 16.18	83 36 22.30
		Total-	100		
4	Bolangir	Bankeda V.F., Balangir Range	15	20 39 11.1	83 23 22.3
		Tandamunda V.F., Balangir Range	20	20 37 14.3	83 30 37.0
		Ghagurli Beat (Bender-II), Lathore Range	15	20 63 08.6	82 83 72.7
		Muribahal, Muribahal Range	20	20 23 39.1	83 03 10.2
		Phulmunda VF, Patnagarh Range	20	20 46 02.4	83 05 59.5
		Dumerpita VF, Patnagarh Range	10	20 29 35.5	83 15 50.3
				Total-	100
5	Khariar	Kampur	10	20.162316	82.678831
		Kumudi PRF (Doto)	20	20 10 51.7	82 37 43.3
		Lanji VF	10	20 15 29.9	82 40 32.6
		Jhitki VF	30	20 58 55.5	82 36 00.1
		Barakothi VF	10	21 00 17.5	82 40 09.3
		Mahattamtora	20	20 53 01.5	82 33 41.8
		Total-	100		
		Baraguda	20	19.824292	82.953021
		Marichamal	20	18.83963	82.968465

1	Koraput	Utkapadu	20	19.05885	83.78842
		Podei	20	18.39572	82.63894
		Siprujholla	20	18.37353	82.61619
		Total-	100		
2	Jeypore	Tentulipadar	10	18.3662	82.4542
		Biriguda	10	19.7078	82.4122
		Chikatsil	10	19.2203	82.6140
		Mohulbhatta RF	7	18.5337	82.3741
		Ghatgumar PRF (N.Bagra)	10	18.4651	82.3349
		Sindhigaon PRF	5	18.8720	82.9343
		Kadalimunda RF	3	18.5522	82.2245
		Kerimiti-I VF	5	18.8720	82.9343
		Handikhal (Goipadar VSS)	10	18.7472	82.3162
		Sargipadar	10	18.5917	82.4046
		Totapada	10	18.364761	82.28484
		Talagunji	10	18.434968	82.30076
				Total-	100
3	Nabarangpur	Betajharan RF	20	19.41306	82.52122
		Photakote RL	20	19.55911	82.92142
		Umrahandi VSS, Patri PRF	20	19.45102	82.44054
		Singari RF (Gotiguda)	20	19.546139	82.181000
		Hatibena PRF	20	19.87275	82.02344
		Total-	100		
4	Malkangiri	Singalbanchha	20	18.545799	82.176550
		Ranginiguda	20	18.305283	82.160568
		Tumapadar	20	18.335152	82.160912
		Batanwada	20	18.21364	81.535690
		Kamarguda	10	18.126978	82.124609
		Rajukonda	10	18.112500	82.104170

Annexure-III-XXXI

4th Year maintenance of Avenue Plantation

SI No.	Name of Division	Location	Area in RKM	Geo-coordinates	
				Latitude	longitude
1	Cuttack	Garapr to Pathara Khani	10	20 31 15	86 25 45
		Kansar to Chandaghat	4	20 30 22	86 27 30
		Indupur to Paschima Sahi	4	20 36 54	86 24 38
		Kothi Chaka to Choti	4	20 30 33	86 62 04
		Narsinghpur to Mundilo	4	20 31 32	86 16 58
		Chasaka Khanda to Adhanga	4	20 31 35	86 17 38
		Danpur to Daspur	8	20 27 27	86 25 08
		Pasta to Nembera Cenal Road	3	20 27 50	86 29 42
		Silipur to Pasta	4	20 46 18	86 48 68
		Mangala Chaka to Balikuda Asram	2	20 40 27	86 48 81
		NH 5A to Athabatia	2	20 24 8	86 29 38
		Marshaghai to Lock Pola to Kalapada Bridge	12	20 42 32	86 47 39
		Baba Naguli Bidya Pitha to Khyama Chakuli Pola	5	20 27 50	86 29 45
		Sisua Jena Sahi to Pakhata Makara Jatra Padia	5	20 46 56	86 32 81
				Kani Banka to Jala Poka Mangala Temple	5
		Total-	76		

Annexure III-XXXII

DIVISION WISE VSS PROPOSED IN AJY PHASE-II

Sl No.	Name of the Circle	Name of the Division	No of Ranges	No of VSS	Area in ha. @ 50 ha. Per VSS	Nos of seedlings required for ANR plantation @ 220 plants per ha.	Cost of seedlings for 500 VSS (12 Months) in lakh	Nos of seedlings required for CR @ 20 plants per ha.	Cost of seedlings 500 VSS for CR (3 Months) in lakh	Cost of Seedlings for 993 VSS (3 Months) in lakhs	Total Requirement of funds (Col No.7+9+10) in
1	2	3	4	5	6	7	8	9	10	11	12
1	Angul	Athagarh	1	27	1350	297000	0.00	0	0.00	30.33	30.33
		Athmallik	1	20	1000	220000	0.00	0	0.00	22.47	22.47
		Dhenkanal	1	20	1000	220000	0.00	0	0.00	22.47	22.47
2	Baripada	Karanjia	1	23	1150	253000	87.57	23000	2.35	21.34	111.26
		Baripada	1	20	1000	220000	76.14	20000	2.04	22.47	100.65
3	Berhampur	Balliguda	1	20	1000	220000	76.14	20000	2.04	25.84	104.02
		Berhampur	2	42	2100	462000	0.00	0	0.00	47.18	47.18
		Boudh	1	20	1000	220000	0.00	0	0.00	22.47	22.47
		Ghumsur North	1	20	1000	220000	0.00	0	0.00	22.47	22.47
		Paralakhemundi	2	40	2000	440000	152.29	40000	4.08	44.93	201.31
		Phulbani	1	20	1000	220000	76.14	20000	2.04	52.80	130.99
4	Bhawanipatna	Bolangir	2	40	2000	440000	152.29	40000	4.08	43.81	200.18
		Kalahanid North	1	20	1000	220000	76.14	20000	2.04	44.93	123.12
		Kalahandi South	1	25	1250	275000	95.18	25000	2.55	51.67	149.41
		Khariar	1	24	1200	264000	91.37	24000	2.45	77.51	171.33
		Subarnpur	2	40	2000	440000	0.00	0	0.00	44.93	44.93
5	Bhubaneswar	Khordha	1	22	1100	242000	0.00	0	0.00	24.71	24.71
		Nayagarh	1	20	1000	220000	76.14	20000	2.04	48.30	126.49
6	Koraput	Jeypore	1	23	1150	253000	87.57	23000	2.35	28.08	118.00
		Koraput	1	20	1000	220000	76.14	20000	2.04	28.08	106.27
		Malkangiri	1	20	1000	220000	76.14	20000	2.04	44.93	123.12
		Nabarangpur	1	20	1000	220000	76.14	20000	2.04	22.47	100.65
		Rayagada	2	45	2250	495000	171.32	45000	4.60	76.39	252.31
7	Rourkela	Bonai	1	20	1000	220000	76.14	20000	2.04	22.47	100.65
		Deogarh	1	20	1000	220000	76.14	20000	2.04	28.08	106.27
		Keonjhar	2	40	2000	440000	152.29	40000	4.08	46.06	202.43
		Rourkela	1	20	1000	220000	76.14	20000	2.04	25.84	104.02
		Sundargarh	2	46	2300	506000	0.00	0	0.00	51.67	51.67
8	Sambalpur	Bargarh	1	20	1000	220000	76.14	20000	2.04	22.47	100.65
		Sambalpur	2	43	2150	473000	0.00	0	0.00	48.30	48.30
TOTAL							1903.61		51.06	1115.46	3070.13

Annexure III-XXXIII

**DIVISION WISE ALLOTMENT FOR MAINTENANCE OF OLD PLANTATIONS of AMA JANGAL YOJANA
UNDER STATE CAMPA APO 2022-23**

Sl No.	Name of DMU	ANR With Gap Plantation (2nd Year Operation)		ANR without Gap Plantation (2nd year Operation)		ANR without Gap Plantation (3rd year Maintenance)		ANR without Gap Plantation (4th year Maintenance)		Toal Target
		(Rs.8,006 per Ha.)		(Rs. 5,276 per Ha.)		(Rs. 2,788 per Ha.)		(Rs. 1,033 per Ha.)		
		Physical (unit/Hactre/ VSS)	Financial (Rs. In Lakh)	Physical (unit/Hactre/ VSS)	Financial (Rs. In Lakh)	Physical (unit/Hactre/ VSS)	Financial (Rs. In Lakh)	Physical (unit/Hactre/ VSS)	Financial (Rs. In Lakh)	Financial (Rs. In Lakh)
1	Bonai	-	-	682	35.98	-	-	-	-	35.98
2	Deogarh	550	44.03	550	29.02	1000	27.88	1000	10.33	111.26
3	Jeypore	1750	140.11	1750	92.33	1000	27.88	1000	10.33	270.65
4	Keonjhar	600	48.04	650	34.29	1000	27.88	1000	10.33	120.54
5	Paralakhemundi	500	40.03	500	26.38	1000	27.88	1000	10.33	104.62
6	Rourkela	700	56.04	760	40.10	1000	27.88	-	-	124.02
7	Angul	-	-	375	19.79	1000	27.88	1000	10.33	58.00
8	Balasore(wl)	-	-	50	2.64	750	20.91	-	-	23.55
9	Phulbani	1600	128.10	1560	82.31	2000	55.76	1000	10.33	276.50
10	Baliguda	1000	80.06	1000	52.76	1000	27.88	1000	10.33	171.03
11	Koraput	2100	168.13	2400	126.62	1000	27.88	1000	10.33	332.96
12	Rayagada	2200	176.13	2545	134.27	1000	27.88	950	9.81	348.09
13	Bolangir	1000	80.06	1000	52.76	2500	69.70	2000	20.66	223.18
14	Kalahandi (N)	2000	160.12	2200	116.07	1500	41.82	2000	20.66	338.67
15	Khariar	600	48.04	670	35.35	2000	55.76	2000	20.66	159.81
16	Bargarh	-	-	400	21.10	1000	27.88	1000	10.33	59.31
17	Bamra (WL)	600	48.04	695	36.67	1000	27.88	1000	10.33	122.92
18	Keonjhar (WL)	700	56.04	800	42.21	-	-	-	-	98.25
19	Malkangiri	750	60.05	750	39.57	2000	55.76	2000	20.66	176.04
20	Kalahandi (S)	2000	160.12	2200	116.07	3250	90.61	3000	30.99	397.79
21	Nabarangpur	850	68.05	850	44.85	1000	27.88	2000	20.66	161.44
22	Rairakhol	500	40.03	500	26.38	1000	27.88	2000	20.66	114.95
	PMU				-					-
	Total	20000	1,601.22	22887	1,207.52	27000	752.76	25950	268.06	3,829.56

Details of Wildlife Protection & Anti-depredation Activities

1(i) Anti-depredation equipments Tracking devices (Unit Cost @ 4.00 lakh)					
SL. No.	Name of the Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
1	2	3	4	5	6
1	Angul		1	4.00	4.00
2	Dhenkanal		1	4.00	4.00
3	Satkosia WL		1	4.00	4.00
4	Mahanadi WL		1	4.00	4.00
5	Athagarh		1	4.00	4.00
6	Cuttack		1	4.00	4.00
7	Athmallik		1	4.00	4.00
8	Balasore WL		1	4.00	4.00
9	Rairangpur		1	4.00	4.00
10	Karanja		1	4.00	4.00
11	Baripada		1	4.00	4.00
12	Keonjhar (WL)		2	4.00	8.00
13	Similipal South		2	4.00	8.00
14	Similipal North (WL)		2	4.00	8.00
15	Berhampur		1	4.00	4.00
16	Ghumsur (N)		1	4.00	4.00
17	Ghumsur (S)		1	4.00	4.00
20	Boudh		1	4.00	4.00
23	Bolangir		1	4.00	4.00
24	Kalahandi (N)		1	4.00	4.00
25	Kalahandi (S)		1	4.00	4.00
31	Mangrove WL		1	4.00	4.00
32	Chandaka WL		1	4.00	4.00
33	Khurda		2	4.00	8.00
34	Nayagarh		1	4.00	4.00
36	Rayagada		1	4.00	4.00
41	Bonai		1	4.00	4.00
42	Deogarh		1	4.00	4.00
43	Keonjhar (T)		1	4.00	4.00
44	Rourkela		1	4.00	4.00
45	Sundargarh		1	4.00	4.00
46	Sambalpur		1	4.00	4.00
47	Jharsuguda		1	4.00	4.00
48	Rairakhol		1	4.00	4.00
49	Bamra WL		1	4.00	4.00
51	Hirakud WL		1	4.00	4.00
Total:-			40	4.00	160.00
WL Head Quarter (Kept reserve to meet any eventuality)			10	4.00	40.00
Grand Total:-			50	4.00	200.00

**1(ii) Mobility for Boats for patrolling/anti-depredation.anti-smuggling activities
(Unit Cost @ LS)**

SL. No.	Name of the Division	Location	Unit (In No.)	Proposed amount (Rs. in lakh)	Geo-coordinates	
					Latitude	Longitude
1	2	3	4	5	6	7
1	Satkosia WL	Tikarpada & Jillinda	10	14.00	20.59 20.52	84.78 84.94
2	Mahanadi WL	Kusanga, Chhamundia & Sunakhania	2	12.00	20.29254 20.324247	84.55145 84.435557
3	Athmallik	Madhapur Range Ghodagadi	1	6.00		
4	Balasore WL	Bichitrapur & Chandipur	2	5.00	21.601608 21.451103	87.462285 87.039011
5	Keonjhar (WL)	Hadagarh	2	10.00	21 17 40.00	86 17 51.00
6	Similipal North	Gurguria Range area & Barehipani WL Range	24	5.00	21 56 46.7 21 56 53.3	086 04 15.5 086 20 51.7
7	Berhampur	Purunabandh & Ghodahad	LS	10.00	19 23 36.6 19 17 17.7	85 05 14.9 84 27 41.5
8	Puri WL	Astaranga Range, Bramagiri Range	2	5.00	19°57'26.3052" 19° 53'20.5"	86°20'9.6144" 85.641719
9	Chilika WL	Balugaon/Tangi/Satapada	12	8.00	19/45/38.08 19/32/57.74 19/55/45.95 19/39/59.46 19/39/54.98	85/12/50.03 85/05/24.95 85/23/48.42 85/26/23.97 85/23/08.82
10	Mangrove WL	All Five Ranges	LS	28.00		
11	Bhadrak WL	Chandbali	LS	10.00		
12	Malkangiri	Division	1	4.00	18. 58185	82.28504
13	Hirakud WL	Kamgaon & Hirakud WL Range	LS	8.00	20 26 51.52	83 38 12.53
Total:-			LS	125.00		

N.B:- It is a site specific requirement and hence unit cost can not be arrived at.

1(iii) Rescue & release operation of wild animals (Unit Cost @ LS)

SL. No.	Name of Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in lakh)
1	2	3			4
1	Whole State			LS	50.00
Total:-				LS	50.00

N.B:- This is an incidental expenditure hence the unit cost can not be assigned.

1 (iv) Fencing and Erection of barriers, Solar fencing, trench fencing etc. including maintenance (Unit Cost @ 8.50 lakh)				
SL. No.	Name of the Division	Unit (In Km.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
1	2	3	4	5
1	Angul	3	8.50	25.50
2	Dhenkanal	4	8.50	34.00
3	Satkosia WL	3	8.50	25.50
4	Mahanadi WL	5	8.50	42.50
5	Athagarh	4	8.50	34.00
6	Cuttack	3	8.50	25.50
7	Athmallik	4	8.50	34.00
8	Balasore WL	4	8.50	34.00
9	Karanjia	5	8.50	42.50
10	Baripada	5	8.50	42.50
11	Keonjhar (WL)	5	8.50	42.50
12	Similipal South	5	8.50	42.50
13	Similipal North (WL)	3	8.50	25.50
14	Berhampur	3	8.50	25.50
15	Ghumsur (N)	3	8.50	25.50
16	Ghumsur (S)	3	8.50	25.50
17	Bolangir	4	8.50	34.00
18	Kalahandi (S)	3	8.50	25.50
19	Chandaka WL	5	8.50	42.50
20	Khurda	4	8.50	34.00
21	Nayagarh	4	8.50	34.00
23	Bonai	3	8.50	25.50
24	Deogarh	4.647	8.50	39.50
25	Keonjhar (T)	3	8.50	25.50
26	Rourkela	4	8.50	34.00
27	Sundargarh	3	8.50	25.50
28	Sambalpur	4	8.50	34.00
29	Jharsuguda	3	8.50	25.50
30	Rairakhol	3	8.50	25.50
31	Bamra WL	4	8.50	34.00
32	Bargarh	4	8.50	34.00
Total:-		118	8.50	1000.00

1(v) Protection of Wildlife, its habitat and prevention of wildlife Crime.

SL. No.	Name of Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
1	2	3	4	5	6
1	WL Head Quarter			LS	100.00
Total:-				LS	100.00
<p>N.B:- This is an incidental expenditure hence the unit cost can not be assigned.</p>					

1 (vi) Maintenance of Boundary of Protected Areas (Unit Cost @ Rs.0.20 lakh)

SL. No.	Name of the Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in Lakh)
1	2	3	4	5	6
1	Dhenkanal		20	0.20	4.00
2	Satkosia (WL)		40	0.20	8.00
3	Mahanadi (WL)		40	0.20	8.00
4	Athmallik		20	0.20	4.00
5	Balasore (WL)		10	0.20	2.00
6	Rairangpur		10	0.20	2.00
7	Keonjhar (WL)		30	0.20	6.00
8	Similipal North		40	0.20	8.00
9	Similipal South		40	0.20	8.00
10	Parlakhemundi		20	0.20	4.00
11	Balliguda		20	0.20	4.00
12	Kalahandi South		20	0.20	4.00
13	Sunabeda (WL)		20	0.20	4.00
14	Puri (WL)		10	0.20	2.00
15	Chillika (WL)		20	0.20	4.00
16	Chandaka (WL)		20	0.20	4.00
17	Mangrove (WL)		40	0.20	8.00
18	Bamra (WL)		50	0.20	10.00
19	Hirakud (WL)		20	0.20	4.00
20	NKZP		10	0.20	2.00
Total:-			500	0.20	100.00

Annexure III-XXXV

Location wise details of Forest Fire Prevention and Control

(i) Fire-fighting Squads with vehicle & it fuel @1500/- per day (Unit Cost @ Rs.6.825 lakh)

SL. No.	Name of the Division	Location	Geo-coordinate		Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed (Rs.in Lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
1	Satkosia Wildlife Division	Tikarpada	20.59	84.78	1	6.825	6.83
		Purunakote	20.59	84.83	1	6.825	6.83
		Jillinda	20.52	84.94	1	6.825	6.83
		Raigoda	20.59	85.08	1	6.825	6.83
		Pampasa	20.7	84.94	1	6.825	6.83
2	Mahanadi Wildlife Division	Banigochha East	20 29 1.87	84 55 3.29	1	6.825	6.83
		Banigochha west	20 23 57.64	84 35 11.58	1	6.825	6.83
		Chhamundia	20 32 42.47	84 43 55.57	1	6.825	6.83
		Kusanga	20 32 16.30	84 39 34.72	1	6.825	6.83
3	Balasore WL	Kuldiha	N – 21.42523 ⁰	E - 086.53256 ⁰	1	6.825	6.83
		Jodachua	N – 21.40149 ⁰	E - 086.58548 ⁰	1	6.825	6.83
		Panchalingeswar	N – 21.41035 ⁰	E - 086.72742 ⁰	1	6.825	6.83
		Baghampada	N-21°,18',50.32"	E- 086°,25',6.06"	1	6.825	6.83
4	Keonjhar (WL)	Anandapur	20 32 16.8	84 45 17.5	1	6.825	6.83
		Hadagarh	20 36 35.2	84 55 0.5	1	6.825	6.83
		Deogaon	20 45 31.6	84 46 27.5	1	6.825	6.83
		Brahmanipal	20 54 28.9	84 37 25.1	1	6.825	6.83
5	Similipal South	Pithabata(S)-2	21 56' 25.2"	86 34' 40.5"	1	6.825	6.83
		Jenabil	21 43' 58.6"	86 20' 56.8"	1	6.825	6.83
		Pithabata (N)-2	22 01' 23.6"	86 30' 44.5"	1	6.825	6.83
		Dukura (WL)-2,	21 47' 15.3"	86 39' 39.8"	1	6.825	6.83
		Nawana South-2	21 49' 38.6"	86 24' 41.6"	1	6.825	6.83
		National Park,	21 44' 47.5"	86 17' 49.4"	1	6.825	6.83
		UBK,	21 39' 05.2"	86 18' 0.4"	1	6.825	6.83
6	Similipal North	Gurguria WL Range	21 56 46.7	086 04 15.5	1	6.825	6.83
		Barehipani WL Range	21 56 53.3	086 20 51.7	1	6.825	6.83
		Kendumundi WL Range	21 41 12.0	086 06 23.0	1	6.825	6.83
		Talabandha WL Range	22 01 45.5	86 20 38.0	1	6.825	6.83
		Nawana (North) WL Range	21 53 39.4	086 22 33.6	1	6.825	6.83
		Thakurmunda (WL) Range	21 31 21.37	86 09 31.727	1	6.825	6.83
		Chahala WL Range	21 59 08.8	086 17 34.6	1	6.825	6.83

7	Sunabeda WL	Jamgaon	20 32 48	82 31 2	1	6.825	6.83
		Golabandha	20 42 03.0	82 30 50.0	1	6.825	6.83
		Sunabeda	20 30 50	82 27 41	1	6.825	6.83
8	Puri WL	Balukhand	19°49' 27.72"	085°51' 52.38"	1	6.825	6.83
9	Chilika WL	Rambha	19/32/57.74 19/55/45.95 19/39 59.46 19/39/54.98	85/05/24.95 85/23/48.42 85.26 23.97 85.23 08.82	1	6.825	6.83
10	Chandaka WL	Bhubaneswar	20°18'49.0"	85°47'45.0"	1	6.825	6.83
		Chandaka	20°19'51.39"	85°43'55.87"	1	6.825	6.83
		Haladia	20°25'42.2"	85°39'39.06"	1	6.825	6.83
		Dampara	20°25'42.2"	85°39'39.06"	1	6.825	6.83
11	Bamra WL	Bamra	22 3 42.8	84 17 2.6	1	6.825	6.83
		Badrama	21 29 25.3	84 16 31.2	1	6.825	6.83
		Kuchinda	21 45 2.38	84 21 9.0	1	6.825	6.83
		Kisinda	21 19 42.4	84 20 55.4	1	6.825	6.83
		Jamankira	21 39 14.88	84 23 57.72	1	6.825	6.83
12	Hirakud WL	Lakhanpur	21 26 51.52	83 38 12.53	1	6.825	6.83
		Kamgaon	21 36 16.2	83 36 58.2	1	6.825	6.83
		Debrigarh	21 33 8.7	83 35 15.5	1	6.825	6.83
Total:-					48	6.825	327.60
WL Head Quarter:-					10	6.825	68.25
Grand Total:-					58	6.825	395.85

N.B:- The unit cost of Rs.68.25 lakh for 10 nos. of units would remain in the Head Quarters and would be assigned to Divisions as and when communication of requirement are received from the Divisions.

**(ii) Fire-fighting equipments including Blowers alog with fuel
(Unit cost @ Rs.0.65 lakh)**

SL. No.	Name of the Division	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in Lakh)
1	2	4	5	6
1	Dhenkanal	6	0.65	3.90
2	Satkosia WL	8	0.65	5.20
3	Mahanadi WL	6	0.65	3.90
4	Balasore WL	6	0.65	3.90
5	Keonjhar (WL)	6	0.65	3.90
6	Similipal South	8	0.65	5.20
7	Similipal North WL	15	0.65	9.75
8	Balliguda	4	0.65	2.60
9	Parlakhemundi	4	0.65	2.60
10	Sunabeda WL	8	0.65	5.20
11	Puri WL	5	0.65	3.25
12	Chandaka WL	8	0.65	5.20
13	Bamra WL	8	0.65	5.20
14	Hirakud WL	8	0.65	5.20
Total:-		100	0.65	65.00

(iii) Logistics Support for the fire-fighting squads (Unit Cost @ Rs.0.85 lakh)					
SL. No.	Name of the Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in Lakh)
1	2	3	4	5	6
1	Satkosia Wildlife Division	Tikarpada	1	0.85	0.85
		Purunakote	1	0.85	0.85
		Jillinda	1	0.85	0.85
		Raigoda	1	0.85	0.85
		Pampasa	1	0.85	0.85
2	Mahanadi Wildlife Division	Banigochha East	1	0.85	0.85
		Banigochha west	1	0.85	0.85
		Chhamundia	1	0.85	0.85
		Kusanga	1	0.85	0.85
3	Balasore WL	Chandipur	1	0.85	0.85
		Nilagiri	1	0.85	0.85
		Kuldiha	1	0.85	0.85
		Jalesore	1	0.85	0.85
4	Keonjhar (WL)	Anandapur	1	0.85	0.85
		Hadagarh	1	0.85	0.85
		Deogaon	1	0.85	0.85
		Brahmanipal	1	0.85	0.85
5	Similipal South	Pithabata(N)	1	0.85	0.85
		Pithabata(S)	1	0.85	0.85
		Nawana(S)	1	0.85	0.85
		Dukura (WL)	1	0.85	0.85
		Jenabil	1	0.85	0.85
		National Park	1	0.85	0.85
		UBK	1	0.85	0.85
6	Similipal North	Karkatbeda	1	0.85	0.85
		Chahala WL Range	1	0.85	0.85
		Barahipani WL Range	1	0.85	0.85
		Nawana (North) WL Range	1	0.85	0.85
		Gurguria WL Range	1	0.85	0.85
		Kendumundi WL Range	1	0.85	0.85
		Sadananda	1	0.85	0.85

SL. No.	Name of the Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in Lakh)
1	2	3	4	5	6
7	Sunabeda WL	Sunabeda	1	0.85	0.85
		Nuapada	1	0.85	0.85
		Komna	1	0.85	0.85
8	Puri WL	Balukhand	1	0.85	0.85
9	Chilika WL	Rambha	1	0.85	0.85
10	Chandaka WL	Bhubaneswar	1	0.85	0.85
		Chandaka	1	0.85	0.85
		Haladia	1	0.85	0.85
		Dampara	1	0.85	0.85
11	Bamra WL	Bamra	1	0.85	0.85
		Kuchinda	1	0.85	0.85
		Jamankira	1	0.85	0.85
		Badrama	1	0.85	0.85
		Kisinda	1	0.85	0.85
12	Hirakud WL	Lakhanpur	1	0.85	0.85
		Kamgaon	1	0.85	0.85
		Hirakud	1	0.85	0.85
Total:-			48	0.85	40.80

(Vi) Fire-line creation & maintenance (Unit Cost @ Rs.0.0315 lakh per Km.)

SL. No.	Name of Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in Lakh)
1	2	3			4
1	Satkosia WL	Tikarpada RF compt. No. 8 & 3 (Katranga Ghati to Rangakhali- Jhanajhana)	20	0.0315	0.630
		Tikarpada RF compt. No. 1 & 2 (Kaiyanbanka to	8	0.0315	0.252
		Tikarpada RF compt. No. 5&9 (FRH to Katranga Nalla)	10	0.0315	0.315
		Tikarpada RF compt. No. 9 (Katranga Nallah to Katranga ghati)	8	0.0315	0.252
		Hatidhara RF comptt No. 24 & 26 (Chanagudi nallah to Nirmala)	15	0.0315	0.473
		Ganjanidamak to Ambakhola	10	0.0315	0.315
		Thakiri Amba to Dandamundia Chhaka	15	0.0315	0.473
		Chhotkei to Chunabhati via Asurakhola	15	0.0315	0.473
		Baghamunda to Rundipathara	10	0.0315	0.315
		Fire line to Kadalikhola	15	0.0315	0.473
		Budhithakurani to Kukurbindha	6	0.0315	0.189
		Podabhuin to Kahunighasa	6	0.0315	0.189
		Chelikothi to Hitei	4	0.0315	0.126
		Rasanda ghati to Barjupiashala	8	0.0315	0.252
		Rasanda Ghati to kuruma damak	20	0.0315	0.630
		Panchaphutia to Kuadoli	4	0.0315	0.126
		Border to Chingudia	6	0.0315	0.189
		Badasimili to Kandhianal	3	0.0315	0.095
		Majhipada RF comptt No.1, 2 & 3 (Bidamara to Bipradiha) both side	15	0.0315	0.473
		Majhipada RF comptt No.7 & 8 (Balisahi to Nadapathar both side of Forest road)	10	0.0315	0.315
		Majhipada RF comptt No.4, 6 & 7 (Baladamara to	8	0.0315	0.252
		Kaiyanbanka to Tikarpada Both side of Forest road	15	0.0315	0.473
		Majhipada RF compt. No. 1 to 5 , Bipradiha to Baradabani	8	0.0315	0.252
		Majhipada RF compt. No. 1 to 5 , Baradabani to	13	0.0315	0.410
		Tikarpada RF compt. No. 1 & 2 Kainbanka to Jhanajhana	10	0.0315	0.315
		Majhipada DPF, Beherasahi DPF, Goindi DPF Koloni	15	0.0315	0.473
		Bidamara to Bipradiha via kursing khola, Majhipada Rf-	13	0.0315	0.410
Ganjanidamak to Dalakhai	15	0.0315	0.473		
Chahatia pada to Patia	10	0.0315	0.315		
Ganjandamak to Badasala	7	0.0315	0.221		
8 No chhaka to Dolabasa	15	0.0315	0.473		
1	Satkosia WL	Patu to Patia	3	0.0315	0.095
		Labangi section Comptt. No.Balanga -12 to Balanga-11	25	0.0315	0.788
		Tarava section Comptt No. Kuru- 2 to Kuru -1, kuru-3	30	0.0315	0.945
		Katranga ghata to Compt. No.9 Mahandikhola through Jamunalia, piasal banka, similikhola then to Mahanandi	25	0.0315	0.788
		Katranga ghata to Chunabhati through Sisukhunata, Rangamatia, Khalikon, Jhanyahana then to Chunabhati	20	0.0315	0.630
		Bhimadhara to Patia	10	0.0315	0.315
		Patia to Tinimundi	2	0.0315	0.063
		Mahasandhi to Satidarah	10	0.0315	0.315
		Gilsing line to Mahasandhi	3	0.0315	0.095
		Chuanri Boarder to Chuanri camp	15	0.0315	0.473

SL. No.	Name of Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in Lakh)
1	2	3			4
		Budhikua to Satidarah	4	0.0315	0.126
		Budhikua to Tinimundi	6	0.0315	0.189
		Budhikua to Ambakhola Pahada	10	0.0315	0.315
		Chuanri chhaka to Chuanri camp	10	0.0315	0.315
		Chhotkei to Ganjanidamak	8	0.0315	0.252
		Chhotkei to Chunabhati	12	0.0315	0.378
		Chhotkei to Chuanri via – Kuanali	10	0.0315	0.315
		Tainsi 3 to Asanabahal chaka	5	0.0315	0.158
		Baghamunda to Purunakote	20	0.0315	0.630
		Purunakote 15 - Dolabasa - Keutunikhola	12	0.0315	0.378
		Kaiyan Banka - Kukurpita - Jhanjhana	20	0.0315	0.630
		Baghamunda to Rangamatia Pahada	15	0.0315	0.473
		Purunakote to Chhotkei	8	0.0315	0.252
		Godabhanga to Kadalikhola	5	0.0315	0.158
		Purunakote to Kaiyabanka	12	0.0315	0.378
		Tuluka to Bhrukundi	10	0.0315	0.315
		Bhrukundi to Kuadoli	12	0.0315	0.378
		Purunakote to Gouranga Khola – Chahatiapada –	10	0.0315	0.315
		Purunakote to Badakheta	6	0.0315	0.189
		Hatigirija to Badadamak	10	0.0315	0.315
		Badakheta to Salor	5	0.0315	0.158
		Badakheta to Kukurbindha	10	0.0315	0.315
		Badakheta to Podabhuin	5	0.0315	0.158
		Patia to Fafeya patu	10	0.0315	0.315
		Asurakhola to Santapindha	5	0.0315	0.158
		Kainyabanka to Asurakhola	7	0.0315	0.221
1	Satkosia WL	B - 1 Rundipathara to B - 2 AP gate Baghamunda	9	0.0315	0.284
		B - 5 Rangamatia to B - 8 Baradabani	7	0.0315	0.221
		B - 2 Devitangara to B - 8 Baradabani	8	0.0315	0.252
		B - 6 Raida to B - 8 Baradabani	10	0.0315	0.315
		B - 1 Rundipathara to B- 6 Bipradiha	20	0.0315	0.630
		Belari to Golmaricha Dandi	7	0.0315	0.221
		Border to Badasimili	10	0.0315	0.315
		Tersingh to Chingudia	6	0.0315	0.189
		Tersingh to Babapahada	10	0.0315	0.315
		Kabatabara to Cherupanikhola	4	0.0315	0.126
		Kandhianala to Gurandikhola	5	0.0315	0.158
		Kurumadamak to Chhelikothi pahada	7	0.0315	0.221
		Gurandikhola to Tersingh dandi	3	0.0315	0.095
		Sanajaripa ni to Kuadoli Camp	10	0.0315	0.315
		Sambarpakapatha to Gurandikhola	10	0.0315	0.315
		Siaridamak to Tersingh dandi	8	0.0315	0.252
		Baradamalk to Kanjiakhola	5	0.0315	0.158
		Jaribanka to Border	10	0.0315	0.315
		Kendupatha to Dhalunala	6	0.0315	0.189
		Khajurikon Bandha to Kanjiakhola	3	0.0315	0.095
		Fashifield to Khojurikon	10	0.0315	0.315

SL. No.	Name of Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in Lakh)
1	2	3			4
		Kanjiakhola to Majhikhaman to kuadoli Chhack	5	0.0315	0.158
		Pampasar section comptt No. Takarsinga-1, 2, Jukub-2	50	0.0315	1.575
		Baghamunda RF Compt. No.2 Karanja Nala to Baghamunda	50	0.0315	1.575
		Baghamunda RF Compt. No.9 A.P gate to Baghamunda	50	0.0315	1.575
2	Mahanadi WL	Banigocha East	125	0.0315	3.938
		Banigochha West	125	0.0315	3.938
		Chhamundia	150	0.0315	4.725
		Kusanga	100	0.0315	3.150
3	Balasore WL	Inside Kuldhia Sanctuary and Khuntapata Section	100	0.0315	3.150
		Rangamatia, Kendukhunata, Sukajudi & Kalajudi	100	0.0315	3.150
		Inside Tonikoshia, Swarnchuda, Ajodhya & Mitrapur R.Fs	80	0.0315	2.520
4	Keonjhar (WL)	Rebana RF	100	0.0315	3.150
		Atei RF	100	0.0315	3.150
		Santoshpur RF	100	0.0315	3.150
		Gayalamunda RF	100	0.0315	3.150
		Boula RF	100	0.0315	3.150
5	Similipal South	Pithabata(N)	125	0.0315	3.938
		Pithabata(S)	125	0.0315	3.938
		Nawana(S)	125	0.0315	3.938
		Dukura (WL)	100	0.0315	3.150
		Jenabil	125	0.0315	3.938
		National Park	100	0.0315	3.150
		UBK	125	0.0315	3.938
		Bhanjabasa	100	0.0315	3.150
		Podadiha	125	0.0315	3.938
6	Similipal North WL	Talabandha WL Range	100	0.0315	3.150
		Chahala WL Range	100	0.0315	3.150
		Barahipani WL Range	75	0.0315	2.363
		Matighati Beat	100	0.0315	3.150
		Tulsibani Section	80	0.0315	2.520
		Sansialinai	63	0.0315	1.985
		Rajpal Section Area	100	0.0315	3.150
		Uski Section area	75	0.0315	2.363
		Gurguria WL Range	100	0.0315	3.150
		Kendumundi WL Range	75	0.0315	2.363
		Jamuani section	100	0.0315	3.150
7	Sunabeda WL	Putkulpada to Rupiam	25	0.0315	0.788
		Orrenjhola to Putkulpada	15	0.0315	0.473
		Rupiam to Jalmadei Boundary Line	15	0.0315	0.473
		Rupiam Chhak to Jalmadei Forest Road	10	0.0315	0.315
		Golabandh to Buadharaja ghati	15	0.0315	0.473
		Kermeli to Kankermenji	10	0.0315	0.315
		Badhunbahali to Makarchuan	20	0.0315	0.630
		Beherapada to	15	0.0315	0.473
		Jalmadei Ring Boundary	15	0.0315	0.473
		Soseng to Deosil	20	0.0315	0.630
		Golabandh Ghati Nala to Kankermenji	15	0.0315	0.473

SL. No.	Name of Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in Lakh)
1	2	3			4
		Hardadhurgi to Golabandh	10	0.0315	0.315
		Chereichuan to	25	0.0315	0.788
		Chereichuan to Badhunbahali	10	0.0315	0.315
		Adar to Kechhapakhan	15	0.0315	0.473
		Mathan to Kachheri Mahul	10	0.0315	0.315
		Chadanpur to Golabandh Narihapara	10	0.0315	0.315
		Bhalukona to Kankermenji	15	0.0315	0.473
		Kholigaon to Garapada	10	0.0315	0.315
		Mayurnala to Jamgaon	15	0.0315	0.473
		Adar to Jamgaon	10	0.0315	0.315
		Deosil to Kotrabeda	13	0.0315	0.410
		Kotrabeda to Kechhapkhan Foot path	20	0.0315	0.630
		Adar to Gudma	10	0.0315	0.315
7	Sunabeda WL	Bangaghati to Kankermenji Nadi	20	0.0315	0.630
		Surudongari to Mandelidara	10	0.0315	0.315
		Kharghati to Tilemal	20	0.0315	0.630
		Barkot to Badjore	10	0.0315	0.315
		Chereihcuan to Dabri	15	0.0315	0.473
		Bhainsaghati to	20	0.0315	0.630
		Soseng to Rupiam	10	0.0315	0.315
		Salan Dongari to Badnadi	15	0.0315	0.473
		Kadaldongar to Bachhadarha	10	0.0315	0.315
		Patelpada To Junapada	15	0.0315	0.473
		Maraguda to Talabela	20	0.0315	0.630
		Maraguda to Boirbhadei	10	0.0315	0.315
8	Puri WL	Balighai PRF	15	0.0315	0.473
		Balukhanda RF	10	0.0315	0.315
		Palanka VSS Area	10	0.0315	0.315
		Narasingha Patna VSS Area	15	0.0315	0.473
		Motta VSS Area	10	0.0315	0.315
		Gabakunda Brahmapda VSS Area	15	0.0315	0.473
		Ramachandi FS	10	0.0315	0.315
		Bhagabati FS	10	0.0315	0.315
		Liakhia PRF	10	0.0315	0.315
		Chandrabhaga FS	15	0.0315	0.473
		Isaneswar FS	10	0.0315	0.315
		Kurujang FS	15	0.0315	0.473
		Guhapur FS	10	0.0315	0.315
		Golara PRF	10	0.0315	0.315
		Nadiamath PRF	10	0.0315	0.315
		Konark FS	15	0.0315	0.473
		Manguleswar FS	10	0.0315	0.315
9	Chilika WL	Rambha	200	0.0315	6.300
10	Chandaka WL	Kujimahal charichhak to SBP 1130	20	0.0315	0.630
		KumarKhunti charichhak to Banra	20	0.0315	0.630
		Firikinali to KumarKhunti Charichaka	20	0.0315	0.630
		Sunaribari to Dist. Border-	20	0.0315	0.630

SL. No.	Name of Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in Lakh)
1	2	3			4
		Kateni to SBP	10	0.0315	0.315
		Godibari – Kumarkhunti	20	0.0315	0.630
		Chhatian to Kheluachua	20	0.0315	0.630
		Ambakhali to Kheluachua	20	0.0315	0.630
		Godabhanga Tangar- Mahuriabari	20	0.0315	0.630
		Godibari to Bhalumundia	20	0.0315	0.630
		Katurighasa to Jhumuka	20	0.0315	0.630
		Pathanagula to Kumarkhunti khunti Charichhaka	20	0.0315	0.630
10	Chandaka WL	Chudanga WT to Bp no. 1309-	20	0.0315	0.630
		Patharhandia to Banra SBP no 115	10	0.0315	0.315
		Pitagadia to Dalakhai	20	0.0315	0.630
		Bualigarh to Naharathali Hilltop	15	0.0315	0.473
		Charichhak to Dampara Tri-junction via District	20	0.0315	0.630
		Chandaka RF	20	0.0315	0.630
		Bhola RF	20	0.0315	0.630
		Bhola PF	10	0.0315	0.315
		Dalua PF	20	0.0315	0.630
		Barapita RF	15	0.0315	0.473
		Chudanga RF	20	0.0315	0.630
		Deras PF	10	0.0315	0.315
		Tarakei Rf	20	0.0315	0.630
		Bantala PF	10	0.0315	0.315
		Sunakhani DPF	20	0.0315	0.630
		Akhanga PF	20	0.0315	0.630
11	Bamra WL	Thakurniktimal PRF	10	0.0315	0.315
		Purunapani PRF	10	0.0315	0.315
		Satpuri pahad	5	0.0315	0.158
		Langposh--Baliturei PRF 'B'	10	0.0315	0.315
		Betjharan RF	10	0.0315	0.315
		Daitaripali-Talabahali	5	0.0315	0.158
		Chaitra RF	5	0.0315	0.158
		Ashurkhol (Khajuria RF)	5	0.0315	0.158
		Chitraposi K.F	5	0.0315	0.158
		Tamanguda PRF	5	0.0315	0.158
		Vikapali-Kabribahal RF	5	0.0315	0.158
		Kurmimunda PRF	10	0.0315	0.315
		Betjharan RF	10	0.0315	0.315
11	Bamra WL	Laidaguna PRF	10	0.0315	0.315
		Khajuria RF	10	0.0315	0.315
		Sialdaraha, Chelkuthi	10	0.0315	0.315
		Gireltungri to Gourenghati	10	0.0315	0.315
		Landijharan to Dhantungri	10	0.0315	0.315
		Patakhaman to Arjunpali	10	0.0315	0.315
		Sauntimal to Ladropal	5	0.0315	0.158
		Lamra PRF to Katerkela KF	5	0.0315	0.158
		Akhadadand to Kusumghari	5	0.0315	0.158
		Kenadhipa to Beluanmal	5	0.0315	0.158

SL. No.	Name of Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in Lakh)
1	2	3			4
		Binjipali RF, Chakuliabahal	5	0.0315	0.158
		Binjipali RF	10	0.0315	0.315
		Jatiakhol to Densargi	10	0.0315	0.315
		Badrama Ghati Top Ridge line to Kudamkhol	10	0.0315	0.315
		Kudamkhol to Kadalipal near Ushakothi RF Compt no. 2	10	0.0315	0.315
		Kadalipal to Budhikuten near Ushakothi RF Compt no. 2	10	0.0315	0.315
		Budhikuten PRF	10	0.0315	0.315
		Dungapal to Sunamudi	10	0.0315	0.315
		Trikuta to Lalmati	10	0.0315	0.315
		Khadidara to Goseimantha	10	0.0315	0.315
		Pillar No. 258 to Pillar No-310	5	0.0315	0.158
		Pillar no. 239 to Simliakhol	5	0.0315	0.158
		Similakhol to Gumbhertuma	5	0.0315	0.158
		Khadidera to Charchowk	5	0.0315	0.158
		Thekochapal to Ghugar	5	0.0315	0.158
		Lalmati to Charsadkia	5	0.0315	0.158
		Badkahlia to Badibahal	5	0.0315	0.158
		Pondibahal to Titobahal	5	0.0315	0.158
		Ledimahul Chawak to Uperpada	10	0.0315	0.315
		Mainasula to Laijhar	10	0.0315	0.315
		Phuljhar ghati to Gatepal	10	0.0315	0.315
		Gatepal to Kata No-7	10	0.0315	0.315
		Kata No-7 to Mainasula	10	0.0315	0.315
		Katangberna to Sado	10	0.0315	0.315
11	Bamra WL	Sarda to Bharang	5	0.0315	0.158
		Hatimara to Junapani	5	0.0315	0.158
		Sargibahal to Alidarha	10	0.0315	0.315
		Butamunda to Kuluthkupa	5	0.0315	0.158
		Ledaamba to Amelchhua	5	0.0315	0.158
		Pathuria to Podadihi	10	0.0315	0.315
		University rod to Bandhabhuin	10	0.0315	0.315
		Pithamaren to Badkhalia	5	0.0315	0.158
		Nunvet to Badibahal	5	0.0315	0.158
		Kutab to Gantab	5	0.0315	0.158
		Chirgenkhol Chowk to Saunabari	5	0.0315	0.158
		Badrama to Udsung	5	0.0315	0.158
		Ghati Top to Biswalpali	5	0.0315	0.158
		Khalasuni RF, Compt-11& 12	5	0.0315	0.158
		Khalasuni RF, Compt-7& 9	5	0.0315	0.158
		Khalasuni RF, Compt-8 & 10	5	0.0315	0.158
		Girishchandrapur PRF	5	0.0315	0.158
		Khalasuni RF, Compt-9	5	0.0315	0.158
		Khalasuni RF, Compt-4 & 6	10	0.0315	0.315
		Khalasuni RF, Compt-1 & 2	10	0.0315	0.315
		Rabandihi RF	10	0.0315	0.315

SL. No.	Name of Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in Lakh)
1	2	3			4
		Jharsuguda Border (Bamra WL Range)	5	0.0315	0.158
		Sisal Farm Adjoint area	5	0.0315	0.158
		Rangiatikra to Sagarpali	10	0.0315	0.315
		Charchuan to Gardega	5	0.0315	0.158
		Charchuan to Rajabasa	5	0.0315	0.158
		Mansaru to Kaijharan	5	0.0315	0.158
		Birdabahal to Dhudikani	10	0.0315	0.315
		Rajabasa to Kadalimunda	5	0.0315	0.158
		Dasachatan to Kadalimunda	10	0.0315	0.315
		Mainaguda to Kinupada	10	0.0315	0.315
		Burbuda to Lolobira	5	0.0315	0.158
		Jogimunda to San-firingibahal	10	0.0315	0.315
11	Bamra WL	Bandhabar RF line	10	0.0315	0.315
		Jhanghati to Pukhamal	10	0.0315	0.315
		Baghamunda DPF to Kinabaga	5	0.0315	0.158
		Jarabaga & Baghamunda	10	0.0315	0.315
		Sargidhi	10	0.0315	0.315
		Geojhumpa RF line to Kuladera side	5	0.0315	0.158
		Karlakhaman RF to Chandapahad	5	0.0315	0.158
		Kuladera RF to Manjalahansla	5	0.0315	0.158
		Sunamunda- Kichinda	5	0.0315	0.158
		Kichinda to Jurapali	5	0.0315	0.158
		Jurapali to Kadamghat	5	0.0315	0.158
		Sunamunda to Dhamunda	5	0.0315	0.158
		Nuaroad to Rengalbeda	5	0.0315	0.158
		Niktimal to Garfati	5	0.0315	0.158
		Niktimal DPF to Mahasimaline	5	0.0315	0.158
		Kuladera to Ghunghuti	6	0.0315	0.189
		Lalitaguna to Engina of (Bandhabar RF)	10	0.0315	0.315
		Sargipali border to Ghunghuti	5	0.0315	0.158
		Kesaibahal Hanuman Mandir to Garpati RF	5	0.0315	0.158
		Dobhya Chowk to Garpati RF	5	0.0315	0.158
12	Hirakud WL	Dhodrokusum	200	0.0315	6.300
		Lakhanpur	200	0.0315	6.300
Total:-			6887	0.0315	216.94

(v) Data Management and analysis (Unit Cost @ LS)					
SL. No.	Name of Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in Lakh)
1	2	3	4	5	6
1	Whole State		LS	LS	25.00
Total:-			LS	LS	25.00
N.B:- This pertains to wages which is a variable components and procurement of software and hardware which is incidental nature hence unit cost can not be assigned.					

Annexure III-XXXVI

Improvement of Wildlife Habitat

i(a) Creation of Water Body (Unit Cost @ Rs.6.16 lakh)								
SL. No.	Name of Division	Size	Location	Geo-coordinate		Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed amount (Rs.in lakh)
				Latitude	Longitude			
1	2	3	4	5	6	7	8	9
1	Angul	(Size 40m x30mx 3m)	Balanga RF	20.67044	85.00628	1	6.16	6.16
			Katada-2	20.89602	84.81235	1	6.16	6.16
			Jaipur RF	20.98549	84.98036	1	6.16	6.16
			Tangiri RF	21.20419	85.02961	1	6.16	6.16
			Similipathar RF-4	20.95056	84.84811	1	6.16	6.16
2	Dhenkanal	(Size 40m x30mx 3m)	Kapilash WL Sanctuary	20-39-40.68	85-41-12.73	1	6.16	6.16
			Bhuban RF	20-54-7.0	85-47-14.5	1	6.16	6.16
3	Satkosia Wildlife Division	(Size 40m x30mx 3m)	Majhipada RF Compt. 16	20.64558333	84.77016667	1	6.16	6.16
			Raigoda RF Compt. No.3	20.6168	85.5057	1	6.16	6.16
4	Mahanadi Wildlife Division	(Size 40m x30mx 3m)	Banigochha East	20 24 40.5	84 44 36.0	1	6.16	6.16
			Banigochha West	20 24 39.9	84 40 43.2	1	6.16	6.16
5	Athgarh	(Size 40m x30mx 3m)	Tareiganda RF, C/2	20 26 30.8	85 20 06.2	1	6.16	6.16
			Haladiaseni RF,C/1	20 29 12.0	85 16 23.7	1	6.16	6.16
6	Cuttack	(Size 40m x30mx 3m)	Daljora Range,	20 35 27.01	84 27 45.6	1	6.16	6.16
			Sukinda Range	20 18 35.1	84 27 12.9	1	6.16	6.16
5	Athmallik	(Size 40m x30mx 3m)	Dhandatopa Range Hatidhara RF Compt. No. 4	20 48 33.89	84 36 43.49	1	6.16	6.16
			Handapa Range Northern RF-30	21.049117	84 .652149	1	6.16	6.16
6	Balasore (WL)	(Size 40m x30mx 3m)	Gendachaturi	21.42613	86.543463	1	6.16	6.16
			Gajamba	N: 21 21' 26"	E: 86 34' 15"	1	6.16	6.16
	Rairangpur	(Size 40m x30mx 3m)	Tiring RF	22.4961	86.1001	1	6.16	6.16
			Saragoda	22.2758	86.3905	1	6.16	6.16
7	Karanjia	(Size 40m x30mx 3m)	Satkosia RF compt No-1	N-21-17-45.0	E-86-10-6.0	1	6.16	6.16
			Ulidihi	21.72272222	86.06802778	1	6.16	6.16
8	Baripada	(Size 40m x30mx 3m)	Fuljhari	N-21 35 51.0	E-86 31 19.0	1	6.16	6.16
9	Keonjhar (WL)	(Size 40m x30mx 3m)	Palabani	21-15'-31.00"	85-58'-38.00"	1	6.16	6.16
			Dantuani	21-12'-57.00"	85-56'-14.00"	1	6.16	6.16
			Pitanau	N21 16 11.00	E86 15 22.00	1	6.16	6.16
			Chaturisahi	N21.268463	E86.223653	1	6.16	6.16
			Mayura	N21.330363	E86.338777	1	6.16	6.16
10	Similipal (North)	(Size 40m x30mx 3m)	Rajaram pani, Utras	21 54 44	86 09 16	1	6.16	6.16
			Near Kusumi, Gurguria	21 50 17	86 15 05	1	6.16	6.16
			Simatikacha	21 51 44.3	86 15 26.4	1	6.16	6.16
			Tankagonanda, Barigaon	21 49 19.3	86 15 20.2	1	6.16	6.16
	Berhampur	(Size 40m x30mx 3m)	Amuniapadar of Ramapali RF in Brahmapur Range	N-19 13 25.0	E-84 39 54.0	1	6.16	6.16
			Jhinkipadar of Dhanarasia DPF in Digapahandi Range	N-19 13 37.0	E-84 44 48.2	1	6.16	6.16

SL. No.	Name of Division	Size	Location	Geo-coordinate		Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed amount (Rs.in lakh)
				Latitude	Longitude			
1	2	3	4	5	6	7	8	9
11	Ghumsur (N)	(Size 40m x30mx 3m)	Darapangia RF C/9	N20 02 29.7	E84 27 35.2	1	6.16	6.16
			Baibali RF C/7	N19 59 36.2	E84 25 40.2	1	6.16	6.16
12	Ghumsur (S)	(Size 40m x30mx 3m)	Khanadeuli of Aska Range	19 33 20.1	84 40 17.6	1	6.16	6.16
			Panchubhuti A RF Compt No - 1 near Pokosunga of Buguda Range	19 57 5.3	84 52 7.3	1	6.16	6.16
13	Parlakhemundi	(Size 40m x30mx 3m)	Mahendra RF	N-18 59 21.6	E-84 21 34.6	1	6.16	6.16
			Randiva UDPF	N-19 22 123	E-84 15 1.639	1	6.16	6.16
14	Balliguda	(Size 40m x30mx 3m)	Pukur	N19 52 45.4	E83 40 42.3	1	6.16	6.16
20	Boudh	(Size 40m x30mx 3m)	Jamukhol RF	20 38 03.7	84 14 32.8	1	6.16	6.16
			Aragarh RF	N 20 38 00.55	E 84 31 43.24	1	6.16	6.16
21	Phulbani	(Size 40m x30mx 3m)	Baghnadi RF (Bandulu)	20 29 40.7	83 53 9.2	1	6.16	6.16
			Gochhapada RF (Derakumpa)	20 27 55.6	84 00 11.9	1	6.16	6.16
22	Subarnapur	(Size 40m x30mx 3m)	Adakasa (Binka Range)	N21 2 46.31	E83 42 14.76	1	6.16	6.16
			Sulia (Ullunda Range)	N21 6 50.18	E83 58 4.16	1	6.16	6.16
23	Bolangir	(Size 40m x30mx 3m)	Bhimdunguri RF	N-20 32 58.0	E-83 32 21.6	1	6.16	6.16
			Gandhamardan RF	N-20 53 19.4	E-82 54 56.3	1	6.16	6.16
24	Kalahandi (N)	(Size 40m x30mx 3m)	Dumermunda	N20 11 09.6	E83 15 39.2	1	6.16	6.16
			Podhkhham	N20 11 46.3	E83 17 17.5	1	6.16	6.16
25	Kalahandi (S)	(Size 40m x30mx 3m)	Jarka RF	N19 44 17.5	E82 59 04.3	1	6.16	6.16
			Karlapat RF	N19 40 31.5	E83 08 26.2	1	6.16	6.16
26	Khariar	(Size 40m x30mx 3m)	Tankamal-Koilakhala PRF	N20 04 30.3	E082 29 16.9	1	6.16	6.16
			Phulchi-Koilakhala PRF	N20 05 24.7	E082 30 02.3	1	6.16	6.16
27	Sunabeda WL	(Size 40m x30mx 3m)	Haluapali	20 37 32	82 30 60	1	6.16	6.16
			Dhekunpani	20 33 02.25	82 31 24.88	1	6.16	6.16
28	Puri WL	(Size 40m x30mx 3m)	Golara PRF	19° 54'8"	86° 11'17"	1	6.16	6.16
			Ramachandi FS	19° 52'15.78"	86° 54.70"	1	6.16	6.16
29	Chilika WL	(Size 40m x30mx 3m)	Berhampura PRF	19/37/15.33	85/24/25.94	1	6.16	6.16
			Sunakhala DPF	19/49/17.75	85/17/32.95	1	6.16	6.16
30	Mangrove WL	(Size 40m x30mx 3m)	1)Balijore	20°-03'-35.70"	86°-31'-20.01"	1	6.16	6.16
			2)Jamboo	20°-19'-20.0"	86°-44'-0.8"	1	6.16	6.16
			3)Kalibhanjadia	20°-46'-56.0"	86°-55'-56.9"	1	6.16	6.16
28	Khordha	(Size 40m x30mx 3m)	Sulia B RF	13655	85-17-1	1	6.16	6.16
			Patia RF	19-54-49.0	85-16-00.2	1	6.16	6.16
			Rajin RF	19-49-55.05	84-59-57.34	1	6.16	6.16
29	Nayagarh	(Size 40m x30mx 3m)	Palva RF,C/5	20.152598	84.862993	1	6.16	6.16
			Chadeyapalli RF, Comptt No.4	20.286062	84.683289	1	6.16	6.16

SL. No.	Name of Division	Size	Location	Geo-coordinate		Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed amount (Rs.in lakh)
				Latitude	Longitude			
1	2	3	4	5	6	7	8	9
30	Jeypore	(Size 40m x30mx 3m)	Baghdhola	18.756989	82.207964	1	6.16	6.16
			Bhaluguda	18.822917	82.179889	1	6.16	6.16
30	Rayagada	(Size 40m x30mx 3m)	Leliguma RF	83.137641	19.19394	1	6.16	6.16
			Dohikhal PRF	19.7367	83.47152	1	6.16	6.16
31	Nawarangpur	(Size 40m x30mx 3m)	Attigam RF of Kodinga Range	N19.28078	E82.29014	1	6.16	6.16
32	Koraput	(Size 40m x30mx 3m)	Panabadi	18.91619	83.1406	1	6.16	6.16
			Rebatiguda	18.84388	83.39503	1	6.16	6.16
33	Malkangir	(Size 40m x30mx 3m)	Dhepasahi (S.W.RF)	18.110246	82.119529	1	6.16	6.16
			Publiguda (Rajulkonda PRF)	18.083181	82.113374	1	6.16	6.16
33	Bonai	(Size 40m x30mx 3m)	Bandhabhuin-Bhadimara PRF	N21.741829	E84.842119	1	6.16	6.16
			Kunjar RF (Tamperkela)	N21 54 06.6	E84 40 28.7	1	6.16	6.16
34	Deogarh	(Size 40m x30mx 3m)	Barkote/Panguli RF near Jagannathpur	N21 36 10.74	E85 01 19.48	1	6.16	6.16
			Barkote/Paudi RF near Bijadihi	N21 32 24.88	E85 9 10.61	1	6.16	6.16
35	Keonjhar (T)	(Size 40m x30mx 3m)	Ghatgaon RF -Ghatagaon Range	N - 21-22-27	E - 85-49-29	1	6.16	6.16
			Naranpur RF -Keonjhar Range	N-21-35-59.15	E-85-40-36.88	1	6.16	6.16
36	Rourkela	(Size 40m x30mx 3m)	Jaydega RF	N22 20 07.6	E84 41 02.0	1	6.16	6.16
			Jhandapahad RF	N22 19 28.8	E84 31 42.5	1	6.16	6.16
37	Sundargarh	(Size 40m x30mx 3m)	Karlaghati	N22 11 45	E84 03 44	1	6.16	6.16
			Jareikela DPF	N22 58 02.87	E83 38 27.94	1	6.16	6.16
			Bargaon	N22 10 17.97	E84 17 58.02	1	6.16	6.16
38	Sambalpur	(Size 40m x30mx 3m)	Dumerchuan-Mundher RF	21- 23-18.31	84-02-39.71	1	6.16	6.16
39	Jharsuguda	(Size 40m x30mx 3m)	harsuguda, ,	N-21-51-31.89	E-84-02-39.91	1	6.16	6.16
			Brajrajnagar	N-21-51-21.45	E-83-55-10.04	1	6.16	6.16
40	Rairakhol	(Size 40m x30mx 3m)	Giripur Kholagarh RF	21°15'5.87"N	84°25'12.01"E	1	6.16	6.16
			Giripur Kholagarh RF	21°16'10.17"N	84°23'20.46"E	1	6.16	6.16
			Giripur Landakot RF.	21°14'35.73"N	84°20'19.35"E	1	6.16	6.16
41	Bamra WL	(Size 40m x30mx 3m)	Bandhabara Rf (Kaijharan)	22 4 45.56	84 44 92.37	1	6.16	6.16
			Bandhabar RF	22 4 46.56	84 25 32.74	1	6.16	6.16
42	Bargarh	(Size 40m x30mx 3m)	Budhadangar PRF Near Jamartala	N 20 52 11.6	E 83 07 44.2	1	6.16	6.16
			Chirolipathar PRF near Badkunjari	N 21 07 58.6	E 82 54 28.6	1	6.16	6.16
Total:-						100	6.16	616.00

i(b) Maintenance of Water Body created during previous year (Unit cost @ Rs.1.00 lakh)							
SL. No.	Name of Division	Location	Geo-coordinate		Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
1	Angul	Nuakheta- RF-8	20.63136	85.10653	1	1.00	1.00
		Btuti PRF	20.79256	84.88852	1	1.00	1.00
2	Dhenkanal	Kandhara RF, Compart- 11	20.540500	85.260133	1	1.00	1.00
		Kandhara RF, Compart- 15	20.550999	85.306194	1	1.00	1.00
3	Satkosia Wildlife Division	Tikarpada RF Compt.3 - Rangakhali	20.59455556	84.84477778	1	1.00	1.00
		Majhipada RF Compt.6-Bidamara Ghati tala	20.67247222	84.75008333	1	1.00	1.00
4	Mahanadi Wildlife Division	Banigochha East	20 24 43.4	84 44 36.5	1	1.00	1.00
		Banigochha West	20 28 29.63	84 48 19.48	1	1.00	1.00
5	Athgarh	Nagatota RF, C/4	20 27 46.5	85 18 21.6	1	1.00	1.00
		Haladiaseni RF C/5	20 28 42.4	85 20 45.7	1	1.00	1.00
6	Cuttack	Dalijora Range,	20 25 15.7	84 35 17.5	1	1.00	1.00
		Tomka Range	20 15 10.5	84 45 08.4	1	1.00	1.00
5	Athmallik	Athmalik Range	20.783834	84.476885	1	1.00	1.00
		Kuber DPF					
		Hatidhara RF Compt No. 44 (1st)	20.739359	84.587625	1	1.00	1.00
6	Balasore (WL)	Narsingchila Water Body (Betei Beat 2016-17)	N-21 ⁰ ,23',7.37"	E- 86 ⁰ , 30',15.6"	1	1.00	1.00
		Salugadia Water body (Purnapani beat 2016-17)	N: 21 24' 18"	E: 86 31' 32"	1	1.00	1.00
	Rairangpur	Jodachua	22.1986	86.2829	1	1.00	1.00
7	Karanja	Jambani R.F.	21.85727778	85.85363889	1	1.00	1.00
		Baddeuli R.F.	21.78572222	85.91494444	1	1.00	1.00
8	Baripada	Nedasole	N-21 58 42.0	E-86 56 37.0	1	1.00	1.00
9	Keonjhar (WL)	Ostiaposi	21-16'-38.51"	85-41'-54.47"	1	1.00	1.00
		Bhoka	21-17'-04.17"	85-43'-14.96"	1	1.00	1.00
10	Similipal (North)	Bilapagha	21 53 08	86 14 33	1	1.00	1.00
11	Ghumsur (N)	Tilki RF C/1	N19 55 46.9	E84 28 40.1	1	1.00	1.00
12	Ghumsur (S)	Budurungu RF of Buguda Range	19 56 8.7	84 49 19.7	1	1.00	1.00
23	Bolangir	Matkhai RF	N-20 38 15.6	E-83 26 46.2	1	1.00	1.00
25	Kalahandi (S)	Nehela RF	N19 43 07.5	E83 07 40.3	1	1.00	1.00
26	Khariar	Chaura-Chaura "A" PRF	N20 08 02.0	E082 43 27.7	1	1.00	1.00
		Darlipada-Kendumunda 'C' PRF	N20 02 59.7	E082 34 36.2	1	1.00	1.00
27	Sunabeda WL	Pahadkon	20 37 58.4	82 32 39.0	1	1.00	1.00

SL. No.	Name of Division	Location	Geo-coordinate		Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
28	Puri WL	Guhalpur FS	19° 53'44"	86° 9'3"	1	1.00	1.00
31	Chandaka WL	Langudi	20° 16' 28.71"	85° 36' 41.66"	1	1.00	1.00
		Nuakua	20° 20' 30.3"	85° 40' 08.9"	1	1.00	1.00
30	Mangrove WL	1-East Orasahi F.B.-I	20°-36'-09.6"	86°-50'-43.0"	1	1.00	1.00
28	Khordha	Sakara	19-55-39.6	85-02-43.4	1	1.00	1.00
		Rajin RF C/18	19-52-48.4	84-59-0.06	1	1.00	1.00
29	Nayagarh	Sulia RF, C/2	20.264458	85.002711	1	1.00	1.00
30	Rayagada	Rajpur village of Hansa RF	19.074189	83.404839	1	1.00	1.00
33	Bonai	Sinduria RF	N21 43 23	E84 43 32	1	1.00	1.00
34	Deogarh	Kanheidana KF	N 21 17 45.96	E 84 52 54.15	1	1.00	1.00
35	Keonjhar (T)	Ranibeda RF (Tangiri) -Telkoi Range	N- 21-11-55.14	E- 85-27-18.09	1	1.00	1.00
36	Rourkela	Makarchua RF	N22 23 14.0	E84 32 50.0	1	1.00	1.00
37	Sundargarh	Dhanubans RF	N21 58 15	E83 33 21	1	1.00	1.00
		Kuchedega DPF	N21 59 50	E83 36 32	1	1.00	1.00
38	Samalpur	Dhama-Ainlajharan (Kardighati)	21-09-26.19	84-04-46.91	1	1.00	1.00
39	Jharsuguda	Kolabira (Badkhalia PRF)	21 09 15	84 45 25	1	1.00	1.00
40	Rairakhol	Naktideul (Lamphaphuli DPF)	21 10 22.56	84 29 24.02	1	1.00	1.00
		Naktideul (Mankunda)	21 13 32.90	84 34 12.78	1	1.00	1.00
41	Bamra WL	Gadpati Rf Niktimmal Site	21 56 52.73	84 24 27.54	1	1.00	1.00
		Ushakuthi R.F. Com. No.2(a) near Iankeswari village	21 26 8.0	84 14 49.5	1	1.00	1.00
43	Bargarh	Sankholia	N-21.3136	E-83.2451	1	1.00	1.00
Total:-					50	1.00	50.00

i(c) Plantation of Fruit Bearing and Fodder species around water bodies and Maintenance thereof
(Unit Cost @ Rs.506/-)

SL. No.	Name of Division	Location	Geo-coordinate		Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
1	Angul	Balanga RF -5	20.67044444	85.00627778	50	0.00506	0.253
		Nuakheta RF-8	20.64177778	85.06011111	50	0.00506	0.253
2	Dhenkanal	Rupabala RF	20 45 46.7	85 40 48.8	50	0.00506	0.253
		Mundamari Beat- K.W.L.S Compt No.28	20°44'57.8"	85°53'8.4"	50	0.00506	0.253
		Nischinta RF near Erpada	20°46'13.3"	86°0'44.9"	50	0.00506	0.253
3	Satkosia Wildlife Division	Brahmanibila	20.66861111	84.84888889	50	0.00506	0.253
4	Mahanadi Wildlife Division	Banigochha East	20 24 40.5	84 44 36.0	50	0.00506	0.253
5	Athmallik	Dhandatopa Range	20 29 00.2	84 21 51.7	50	0.00506	0.253
6	Balasore (WL)	Gajamba	N-21°-35'-70.9''	E-086°-57'-0.88'	50	0.00506	0.253
7	Karanjia	Cheratanga RF	21 38 02.2	86 08 12.3	50	0.00506	0.253
		Kadapani RF	21 36 34.0	86 09 26.0	50	0.00506	0.253
8	Baripada	Nedasole	21 58 42.0	86 56 37.0	50	0.00506	0.253
9	Keonjhar (WL)	Banbir	21 17 40.17'	85 43 56.01"	50	0.00506	0.253
		Ranipada	21 16 20.32'	85 40 13.43"	50	0.00506	0.253
10	Similipal (North)	Sukhila ghati	21 54 24.5	86 09 24.3	50	0.00506	0.253
		Kumudabadi	21 53 37.2	86 07 23.4	50	0.00506	0.253
11	Ghumsur (N)	Baiballi RF C/8	N19 55 47.9	E84 34 57.3	50	0.00506	0.253
12	Ghumsur (S)	Buguda Range-Bhagabanpur & Buguda Section	19 49 36.05	84 52 07.04	50	0.00506	0.253
13	Parlakhemundi	Dhaneinala (Chakadhar)	N19 19 19.7	E84 16 59.6	50	0.00506	0.253
14	Balliguda	Dharanimaska	N19 51 0.43	E83 32 27.8	50	0.00506	0.253
20	Boudh	Damargarh RF	20 49 49	84 08 19	50	0.00506	0.253
21	Phulbani	Machhaghat RF, Bisipata	20 35 35.8	84 45 12.5	50	0.00506	0.253
22	Subarnapur	Badipadia (Sonepur Range)	N20 55 55.96	E83 37 14.95	50	0.00506	0.253
		Jhankarpali (Sonepur Range)	N20 52 47.40	E83 38 57.50	50	0.00506	0.253
23	Bolangir	Rain Bandh	N20 36 37.5	E83 25 54.1	50	0.00506	0.253
		Thuta RF	N20 44 59.5	E82 49. 50.1	50	0.00506	0.253
24	Kalahandi (N)	Bhawani-patna	N-20 38 36.2	E-84 27 35.1	50	0.00506	0.253
25	Kalahandi (S)	Nehela RF Sagada	N19 47 55.0	E83 07 50.0	50	0.00506	0.253
26	Khariar	Chhuipani	20 22 41.10	82 32 31.55	50	0.00506	0.253
27	Sunabeda WL	Bahabal	20 36 35	82 27 34	50	0.00506	0.253
		Jamkhola	20 33 30.0	82 32 05.7	50	0.00506	0.253

SL. No.	Name of Division	Location	Geo-coordinate		Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
28	Khordha	Tamana RF, C/12	19-53-27.11	85-04-33.26	50	0.00506	0.253
		Nathapur DPF	19-53-52.03	85-06-31.12	50	0.00506	0.253
29	Nayagarh	Daspalla Range - Chadesh RF	N - 20 23 30.00	E - 84 48 33.00	50	0.00506	0.253
30	Rayagada	Kashipur	20 55 32.5	84 15 25.7	50	0.00506	0.253
31	Nawarangpur	Hatigam RF of Hatigam beat -Raigarh Range	19. 99 854	82. 07 968	50	0.00506	0.253
32	Koraput	Kendubeda	18.810936	82.633737	50	0.00506	0.253
33	Bonai	Majurdima RF (Binjikhoh)	N- 21 52 55.0	E-84 32 38.8	50	0.00506	0.253
34	Deogarh	Reamal/Kanheidana K.F near palsama	21 17 45.96	84 52 54.15	50	0.00506	0.253
		Deogarh/Jhadeswar PRF	21 30 07.4	84 41 24.7	50	0.00506	0.253
35	Keonjhar (T)	Bandanjhari RF (Baleswar) -Telkoi Range	N- 21-17-04.54	E- 85-23-42.10	50	0.00506	0.253
36	Rourkela	Samardari PRF	N21 52 47.8	E84 54 00.6	50	0.00506	0.253
37	Sundargarh	Budhapahada RF	22 04 26.0	83 36 18.0	50	0.00506	0.253
38	Samalpur	Dhama-Ainlajharan (Kardighati)	21-09-26.19	84-04-46.91	50	0.00506	0.253
39	Jharsuguda	Jharsuguda	N21-51-31.89	E84-02-39.91	50	0.00506	0.253
40	Rairakhoh	Hatidhara RF C No.06(Redhakhoh Range)	21 07 09.00	84 26 44.00	50	0.00506	0.253
		Kholgarh RF C No.35(Redhakhoh Range)	21 06 15.00	84 20 26.00	50	0.00506	0.253
41	Bamra WL	Rangiatikira	22 2 11.62	84 23 43.94	50	0.00506	0.253
		Bandhabara Rf Rangiatikira Site	22 2 11.17	84 23 45.45	50	0.00506	0.253
42	Bargarh	Dechuan RF (Ghudkiar Ghatan)	21 38 3.51	83 33 59.95	50	0.00506	0.253
Total:-					2500	0.00506	12.65

i(d) 2nd year maintenance of Fruit Bearing and Fodder species around water bodies and Maintenance thereof (Unit Cost @ Rs.190/-)					
SL. No.	Name of Division	Location	Unit (In Nos.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in lakh)
1	2	3	4	5	6
1	Angul	Balanga RF-4	50	0.0019	0.095
		Katada RF-1	50	0.0019	0.095
		Similipathar RF-1	50	0.0019	0.095
		Chhendipada RF	50	0.0019	0.095
		Kankurpal RF	50	0.0019	0.095
		Seepur RF	50	0.0019	0.095
2	Dhenkanal	Bhuban R.F- 1 No.	50	0.0019	0.095
		Bhuban R.F- No.	50	0.0019	0.095
		Sunajhari R.F- 1 No.	50	0.0019	0.095
		Tipilei R.F - 1 No.	50	0.0019	0.095
		Ranjarah RF near Khidkidwar - 1 No.	50	0.0019	0.095
		Ranjarah RF near Baradakota - 1 No.	50	0.0019	0.095
3	Satkosia Wildlife Division	Tikarpada RF comptt No-6 Laibania	50	0.0019	0.095
		Baghamunda - 7 Muhan khali	50	0.0019	0.095
		Jariutha at Katranga Comptt No.8	50	0.0019	0.095
		Takarsingha at Chhotamunda Compt. No.1	50	0.0019	0.095
		Laibania	50	0.0019	0.095
4	Mahanadi Wildlife Division	Banigochha East	50	0.0019	0.095
		Banigochha west	50	0.0019	0.095
		Chhamundia	100	0.0019	0.190
		Kusanga	50	0.0019	0.095
5	Athagarh	Barakhola, Compt. No. 2 Nos.	100	0.0019	0.190
		Baniabandha RF	50	0.0019	0.095
		Suniamuhan RF- 2 Nos.	100	0.0019	0.190
		Ranibania RF	50	0.0019	0.095
		Jenapada RF	50	0.0019	0.095
6	Cuttack	1.Inside Panchavaya PRF	50	0.0019	0.095
		2.Inside Binchana PF near Abhayapur	50	0.0019	0.095
		3.Inside Karanji PRF near Jamena	50	0.0019	0.095
		4.Inside Kaliamba PRF near Baanda	50	0.0019	0.095
		5.Inside Ambilijhari PRF near Ambua	50	0.0019	0.095
		6.Inside Dalijora RF near Mahalabanka	50	0.0019	0.095
		7.Inside Dalijora RF near Janakijhara	50	0.0019	0.095
		8.Inside Dalijora RF near Pacharajhara	50	0.0019	0.095
		9.Mangalapur Village, GP- Agrahat, Tangi-Choudwar Block, Dist- Cuttack	50	0.0019	0.095
		10.Chhotopadagaon Village GP- Badapadagaon, Tangi-Choudwar Block, Dist- Cuttack	50	0.0019	0.095
		11.Saluanidhada in Dalijora RF	50	0.0019	0.095

SL. No.	Name of Division	Location	Unit (In Nos.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in lakh)
1	2	3	4	5	6
7	Athmallik	Kamalpur	50	0.0019	0.095
		Ambasaramunda	50	0.0019	0.095
		Nuagaon RF- 1	50	0.0019	0.095
		NRF Compt. No. 33	50	0.0019	0.095
		Hatidhar RF Compt No.44	50	0.0019	0.095
		Kubera RF	50	0.0019	0.095
		Taleipathar RF	50	0.0019	0.095
		Nuagaon RF Compt No- 1	50	0.0019	0.095
		Northen RF Compt No.3	50	0.0019	0.095
		Handapa RF Compt No.1	50	0.0019	0.095
		Kusumukhuri RF Compt No.1	50	0.0019	0.095
		Hatidhara RF Compt No.28	50	0.0019	0.095
8	Balasore (WL)	Phatamba	50	0.0019	0.095
		Binatpursahi	50	0.0019	0.095
		Badanal	50	0.0019	0.095
		Budusahi	50	0.0019	0.095
9	Rairangpur	Rajabasa	50	0.0019	0.095
		Mangaldihi	50	0.0019	0.095
		Jhatishiring	50	0.0019	0.095
10	Karanjia	Mandaljhari	50	0.0019	0.095
		Khediaposi	50	0.0019	0.095
		Keshdiha	50	0.0019	0.095
		Keshdiha	50	0.0019	0.095
		Dalki Matho Compt No-13	50	0.0019	0.095
11	Baripada	Ghanghana	50	0.0019	0.095
		Kutling	50	0.0019	0.095
		Nuagaon	50	0.0019	0.095
		Notto	50	0.0019	0.095
		Betjharan	50	0.0019	0.095
		Hinjalgadia	50	0.0019	0.095
		Dhilajagatpur	50	0.0019	0.095
		Gandigodha	50	0.0019	0.095
Mudrajodi	50	0.0019	0.095		

SL. No.	Name of Division	Location	Unit (In Nos.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in lakh)
1	2	3	4	5	6
12	Keonjhar (WL)	Baranga RF	50	0.0019	0.095
		Santoshpur RF near sankacha	50	0.0019	0.095
		Atei RF near Arjunabania	50	0.0019	0.095
		Rebana RF near Kanheigoda	50	0.0019	0.095
		Atei RF near Marshapal	50	0.0019	0.095
		Santoshpur RF near Mandapada	50	0.0019	0.095
		Santoshpur RF near Khajuribani	50	0.0019	0.095
		Boula RF near Bahia	50	0.0019	0.095
		Rebana RF near Nipania	50	0.0019	0.095
		Rebana RF near Budhipada	50	0.0019	0.095
13	Similipal (North)	Mandaljhari	50	0.0019	0.095
		Inside SL	50	0.0019	0.095
		NaarBandu Nala (Compt No-17)	50	0.0019	0.095
		Bayadahi Compt No-14	50	0.0019	0.095
		Compt No-14	50	0.0019	0.095
14	Berhampur	Berhampur Range	50	0.0019	0.095
		Batapalli	50	0.0019	0.095
15	Ghumsur (N)	Paichhalia RF C/5	50	0.0019	0.095
		JP RF C/9	50	0.0019	0.095
16	Ghumsur (S)	Aska Range- Kusraba	50	0.0019	0.095
		Aska Range- Garbaganda	50	0.0019	0.095
17	Parlakhemundi	Labanyagada	50	0.0019	0.095
		Madhyakholo	50	0.0019	0.095
18	Balliguda	Mahaperu (Tumudibandha Range)	50	0.0019	0.095
		Randang (Tumudibandha Range)	50	0.0019	0.095
19	Boudh	Bankamundi RF C/9	50	0.0019	0.095
		Padhel RF	50	0.0019	0.095
20	Subarnapur	Sergeda	50	0.0019	0.095
		Durdura	50	0.0019	0.095
21	Bolangir	Sikepat RF	50	0.0019	0.095
		Sikachhida VF	50	0.0019	0.095
22	Kalahandi (N)	All Ranges- 2 Nos.	100	0.0019	0.190
23	Kalahandi (S)	Ruptakhuti	50	0.0019	0.095
		Kurkuti	50	0.0019	0.095

SL. No.	Name of Division	Location	Unit (In Nos.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in lakh)
1	2	3	4	5	6
24	Khariar	Nuapapada	50	0.0019	0.095
		Bahabal	50	0.0019	0.095
25	Sunabeda WL	Katel	50	0.0019	0.095
		Kantajhola	50	0.0019	0.095
26	Puri WL	Brahmagiri Range, Moto	50	0.0019	0.095
27	Chilika WL	Berhampura PRF	50	0.0019	0.095
28	Mangrove WL	Hetamundia PRF	50	0.0019	0.095
		N Mahisamada RF	50	0.0019	0.095
29	Chandaka WL	District Border, Chandaka R.F Mulijhara	50	0.0019	0.095
30	Khordha	Patia RF	50	0.0019	0.095
		Mal RF near Betuli	50	0.0019	0.095
31	Nayagarh	Mahipur Range - Gumi Section	50	0.0019	0.095
		Palva RF C/8 near Raniguma			
		Mahipur Range - Gumi Section	50	0.0019	0.095
		Ragadimada RF C/1 near village Dimiria			
32	Rayagada	Ravagada Range	50	0.0019	0.095
		Gumma RF			
		Kodupadu RF	50	0.0019	0.095
33	Jeypore	Pokhnaguda	50	0.0019	0.095
		Tallur RF	50	0.0019	0.095
34	Nawarangpur	Tondaguda RF of Nabarangpur	50	0.0019	0.095
		Tondaguda RF of Nabarangpur	50	0.0019	0.095
35	Koraput	Nisar	50	0.0019	0.095
		Naranga	50	0.0019	0.095
36	Malkangiri	Gotiguda	50	0.0019	0.095
		Sarangapalli	50	0.0019	0.095
37	Bonai	Ulsura RF	50	0.0019	0.095
		Kello RF	50	0.0019	0.095
		Kuliposh	50	0.0019	0.095
		Kuliposh	50	0.0019	0.095
		Koira Range	50	0.0019	0.095
38	Deogarh	Nuadihi Section (Rambhadevi RF near Jharamundai	50	0.0019	0.095
		Kunjam RF near Bhagirathpur	50	0.0019	0.095
39	Keonjhar (T)	Padampur RF- Patna Range	50	0.0019	0.095
		Balipokhari RF (Pauchhia)- Ghatgaon Range	50	0.0019	0.095

SL. No.	Name of Division	Location	Unit (In Nos.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in lakh)
1	2	3	4	5	6
40	Rourkela	Hatidharsha	50	0.0019	0.095
		Kalodihi	50	0.0019	0.095
41	Sundargarh	Subdega Section (Bamdera)	50	0.0019	0.095
		Rouldega Section (Mahulgaon RF)	50	0.0019	0.095
42	Samalpur	Dhama - Tabloi-Deogaon RP (Digjharan)	50	0.0019	0.095
		Sadar- Basiapada- Birisingharh RF (Birghat)	50	0.0019	0.095
		Dhama-Tabloi-Deogaon RF (Tabloi)	50	0.0019	0.095
		Sadar- (Jaduloisingh-Gungaghar RF)	50	0.0019	0.095
		Rengali (Jharghapati- Garpati RF)	50	0.0019	0.095
43	Jharsuguda	Rajpur PRF	50	0.0019	0.095
		Katikela RF	50	0.0019	0.095
		Kumudapali VF	50	0.0019	0.095
		Lariapali DPF	50	0.0019	0.095
44	Rairakhol	Sodo	50	0.0019	0.095
		Jaresingha	50	0.0019	0.095
		Mochibahal PRF	50	0.0019	0.095
		Rahan RF	50	0.0019	0.095
		Sagamolia RF Badbenda	50	0.0019	0.095
		Kholgarh C 9 Tikilipada	50	0.0019	0.095
		Kholgarh C 38 gunjighara	50	0.0019	0.095
		Sagmoli RF Halikhhol near Mundapada	50	0.0019	0.095
45	Bamra WL	Belmunda	50	0.0019	0.095
		Betjharan RF	50	0.0019	0.095
		Betjharan RF	50	0.0019	0.095
		Thakurniktimal PRF	50	0.0019	0.095
		Gailmundi PRF	50	0.0019	0.095
		Betjharan RF	50	0.0019	0.095
		Khajuria RF (Kuchinda WL Range)	50	0.0019	0.095
		Addl.Kansar RF, Jamjharan	50	0.0019	0.095
		Khalasuni R.F-Compt-1, (Barabetal)	50	0.0019	0.095
		Khalasuni RF, Compt-11 (Balaguda)	50	0.0019	0.095
		Bandhabar RF Kaijharan	50	0.0019	0.095
		Garpati Rf	50	0.0019	0.095
		Kharmunda Badrama RF	50	0.0019	0.095
		Ushakothi RF Compt no-7(Rengumunda)	50	0.0019	0.095
		46	Bargarh	Dechuan RF (Ghudkiar Ghatan)	50
Dechuan RF (Kurel Khol)	50			0.0019	0.095
Jadamunda SDBR RF	50			0.0019	0.095
47	Hirakud (WL)	Dhodrokusum	50	0.0019	0.095
		Chourasimal	50	0.0019	0.095
Total:-			9000	0.0019	17.10

i(e) 3rd year maintenance of plantation of Fruit and Fodder species around water bodies (Unit Cost @ Rs.116/-)

SL. No.	Name of Division	Location	Unit (In Nos.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in lakh)
1	2	3	4	5	6
1	Angul	Nuakheta RF	50	0.00116	0.058
		Khinda BLG-4	50	0.00116	0.058
2	Athmallik	Ghosarakhol Taleipathar Compt No-5	50	0.00116	0.058
		East Baruni Compt No-3	50	0.00116	0.058
3	Satkosia Wildlife Division	Tulka RF Compt. No.9	50	0.00116	0.058
		Raigoda RF Compt. No.6	50	0.00116	0.058
		Kuru RF Compt. No.1	50	0.00116	0.058
4	Dhenkanal	Kapilash WL sanctuary	50	0.00116	0.058
		Anantapur RF	50	0.00116	0.058
5	Mahanadi Wildlife Division	Banigochha East	50	0.00116	0.058
		Chhamundia	50	0.00116	0.058
6	Athagarh	Barakhola, Compt. No. 2	50	0.00116	0.058
		Baniabandha RF	50	0.00116	0.058
7	Cuttack	Amiyajhari, Byree beat, Dalijoda Range.	50	0.00116	0.058
8	Rairangpur	Charkadihi	50	0.00116	0.058
9	Karanjia	Kalaitumba	50	0.00116	0.058
		Inside Mankadbeda RF	50	0.00116	0.058
10	Baripada	Ghanghana	50	0.00116	0.058
		Kutling	50	0.00116	0.058
11	Keonjhar (WL)	Rebana RF	50	0.00116	0.058
		Atei RF	50	0.00116	0.058
		Santoshpur RF	50	0.00116	0.058
12	Ghumsur (N)	Ragada RF C/2	50	0.00116	0.058
		Kaliamba RF C/3	50	0.00116	0.058

SL. No.	Name of Division	Location	Unit (In Nos.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in lakh)
1	2	3	4	5	6
13	Ghumsur (S)	Kadapada RF at Kumunda of Buguda Range	50	0.00116	0.058
		Pandakhola RF, Comptt. 23,of Surada Range	50	0.00116	0.058
14	Balliguda	Makadola	50	0.00116	0.058
		Kakamaska	50	0.00116	0.058
15	Boudh	Bankamundi RF C/6	50	0.00116	0.058
		Subarnagiri RF, C/13	50	0.00116	0.058
16	Phulbani	Sudrukumpa	50	0.00116	0.058
		Raikia	50	0.00116	0.058
17	Subarnapur	Gadgadbahal	50	0.00116	0.058
		Singhijuba	50	0.00116	0.058
18	Bolangir	Banji RF	50	0.00116	0.058
		Sunaadiki RF	50	0.00116	0.058
19	Kalahandi (N)	Kadlighati RF	50	0.00116	0.058
		M.Rampur	50	0.00116	0.058
20	Kalahandi (S)	Dunda	50	0.00116	0.058
		Ratanpala	50	0.00116	0.058
21	Khariar	Chakadongar PRF	50	0.00116	0.058
		Kamkeda-Tandel 'C' PRF	50	0.00116	0.058
22	Sunabeda WL	Moti Nalla	50	0.00116	0.058
		Bendra chuan	50	0.00116	0.058
23	Puri WL	Guhalpur	50	0.00116	0.058
		Manguleswar	50	0.00116	0.058
24	Chilika WL	Nandighar DPF	50	0.00116	0.058
25	Mangrove WL	Sahadabedi	50	0.00116	0.058
		Kalibhanjadia	50	0.00116	0.058
26	Chandaka WL	Kaniar Tangara, Bhola RF	50	0.00116	0.058
27	Nayagarh	Ragadimada RF C/8	50	0.00116	0.058
		Guriabari RF	50	0.00116	0.058

SL. No.	Name of Division	Location	Unit (In Nos.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in lakh)
1	2	3	4	5	6
28	Rayagada	Gumma RF	50	0.00116	0.058
		Kodupadu RF	50	0.00116	0.058
29	Jeypore	Jhodiguda (Boipariguda RF)	50	0.00116	0.058
		Dhandhrakhol RF	50	0.00116	0.058
30	Nawarangpur	Jiraguda	50	0.00116	0.058
		Kongra	50	0.00116	0.058
31	Malkangiri	Jhileruguda	50	0.00116	0.058
		Kamalapadar	50	0.00116	0.058
32	Bonai	Raipiri RF	50	0.00116	0.058
		Raipiri RF	50	0.00116	0.058
33	Deogarh	Khajuri RF near Laimura	50	0.00116	0.058
		Paudi RF near Purunapani	50	0.00116	0.058
34	Keonjhar (T)	Kalapat RF - Similipal	50	0.00116	0.058
		Sankoi RF - Madhyapur	50	0.00116	0.058
35	Rourkela	N. Chirobeda RF	50	0.00116	0.058
		Hatibari	50	0.00116	0.058
36	Sundargarh	Gitpahadi	50	0.00116	0.058
		Patkijore	50	0.00116	0.058
37	Jharsuguda	Patmahal PRF	50	0.00116	0.058
		Badamal VF	50	0.00116	0.058
38	Rairakhol	R Badmal RF	50	0.00116	0.058
		Rahan RF	50	0.00116	0.058
39	Bamra WL	Bandhabar RF	50	0.00116	0.058
		Pravasuni RF	50	0.00116	0.058
		Binjipali RF	50	0.00116	0.058
		Badrama RF	50	0.00116	0.058
40	Bargarh	Dechuan RF (Kurel Khol)	50	0.00116	0.058
		Budhadangar PRF Near Jamartala	50	0.00116	0.058
		Chirilipathar PRF	50	0.00116	0.058
Total:-			4050	0.00116	4.70

i (f) Bamboo Seedball Plantation (Unit cost @ Rs.15/-)				
SL. No.	Name of the Division	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in Lakh)
1	2	3	4	5
1	Angul	3000	0.00015	0.45
2	Dhenkanal	4000	0.00015	0.60
3	Satkosia WL	3000	0.00015	0.45
4	Mahanadi WL	3000	0.00015	0.45
5	Athagarh	5000	0.00015	0.75
6	Athmallik	3000	0.00015	0.45
7	Karanjia	3000	0.00015	0.45
8	Baripada	5000	0.00015	0.75
9	Keonjhar (WL)	5000	0.00015	0.75
10	Similipal South	5000	0.00015	0.75
11	Similipal North (WL)	5000	0.00015	0.75
12	Ghumsur (N)	3000	0.00015	0.45
13	Ghumsur (S)	3000	0.00015	0.45
14	Bolangir	3000	0.00015	0.45
15	Kalahandi (S)	3000	0.00015	0.45
16	Chandaka WL	5000	0.00015	0.75
17	Khurda	5000	0.00015	0.75
18	Nayagarh	5000	0.00015	0.75
19	Rayagada	3000	0.00015	0.45
20	Rourkela	5000	0.00015	0.75
21	Sundargarh	5000	0.00015	0.75
22	Sambalpur	5000	0.00015	0.75
23	Jharsuguda	3000	0.00015	0.45
24	Rairakhol	3000	0.00015	0.45
25	Bamra WL	5000	0.00015	0.75
Total:-		100000	0.00015	15.00

i(g) Creation and Maintenance of Salt licks (Unit Cost @ Rs.0.50 lakh)							
SL. No.	Name of the Division	Location	Geo-coordinate		Unit (In Nos.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
1	Angul	Durgapur RF Compt	20.93678	84.90863	1	0.50	0.50
		Devinagar PRF	21.04104	84.77892	1	0.50	0.50
2	Dhenkanal	Kapilash Wildlife Sanctuary	20-41-16.2	85-47-12.5	1	0.50	0.50
			20-41-26.0	85-50-57.8	1	0.50	0.50
3	Satkosia WL	Kandhaida Chhak, Compt. 2	20.5966	84.8211	1	0.50	0.50
		Tikarpada Compt.7 Gandhiakhali	20.5891	84.8207	1	0.50	0.50
		Tikarpada Compt.5 Ramagankhali	20.591	84.8096	1	0.50	0.50
		Purunakote RF Comptt. 19 Chuanri	20.6244	84.9515	1	0.50	0.50
		Tuluka RF Comptt no. 9 Hatimara	20.59917	84.92861	1	0.50	0.50
4	Mahanadi WL	Banigochha East	20 21 30.20	84 48 27.67	1	0.50	0.50
		Banigochha West	20 23 57.64	84 35 11.58	1	0.50	0.50
		Chhamundia	20 29 1.87	84 55 3.29	2	0.50	1.00
		Kusanga	20 32 42.47	84 43 55.57	1	0.50	0.50
5	Athmallik	Bamur Range Dimiridiha NRF Compt No-8	21.039953	84.497792	1	0.50	0.50
6	Athgarh	Tareiganda RF, C2	20 26 34.1	85 20 11.3	1	0.50	0.50
7	Balasore WL	Kuldiha	N-21° 24' 53.4"	E-086° 36' 46.4"	1	0.50	0.50
		Jodachua	N-21.42856 ⁰	E-086.64899 ⁰	1	0.50	0.50
		Purunapani	N-21.43018 ⁰	E-086.53703 ⁰	1	0.50	0.50
		Chemchata	N-21.42163 ⁰	E-086.53056 ⁰	1	0.50	0.50
		Gohirabhola	N- 21° 26' 8.27"	E- 86° 36' 20.4	1	0.50	0.50
8	Keonjhar WL	Kathakata (Boula RF)	21 15 30.00	86 13 53.00	1	0.50	0.50
		Baniapanka	21 16 45.00	86 20 14.00	1	0.50	0.50
9	Similipal (South)	Debasthali-1	240 42' 12"	860 16' 09.0"	1	0.50	0.50
		UBK	210 39' 05.2"	860 18' 0.4"	1	0.50	0.50
		Jenabil	210 43' 58.6"	860 20' 56.8"	1	0.50	0.50
		Nuagaon,	210 42' 52.8"	860 18' 10.6"	1	0.50	0.50
		Debasthali	240 42' 12"	860 16' 09.0"	1	0.50	0.50
10	Similipal (North)	Joranda	21 56 6.4	086 24 14.2	1	0.50	0.50
		Brundaban	21 58 21.4	086 17 47.5	1	0.50	0.50
		Chahala	21 59 08.8	086 17 34.6	1	0.50	0.50
		Kiajhari	21 48 29.7	86 10 31.7	1	0.50	0.50
		Brundaban check gate	21 58 21.4	086 17 47.5	1	0.50	0.50
11	Ghumsur North	Mujagada Range	N19 55 47.9	E84 34 57.3	1	0.50	0.50
		Tarasingi Range	N20 05 34.9	E84 41 7.8	1	0.50	0.50
12	Ghumsur South	Jagati Padia at Bhetanoi of Aska Range	19 40 24.8	84 41 9.3	1	0.50	0.50
		Kabisurya Nagar Kharakhari Nala of Polosara Range	19 40 26.6	84 41 8.4	1	0.50	0.50

SL. No.	Name of the Division	Location	Geo-coordinate		Unit (In Nos.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
13	Parlakhemundi	Phulochanchuni	N-19 20 21.6	E-84 19 21.9	1	0.50	0.50
		Talajharana	N-19 19 36.5	E-84 20 08.	1	0.50	0.50
		Jhamathali	N-19 19 37.2	E-84 20 09.7	1	0.50	0.50
		Kaluamba	N-19 20 30.3	E-84 19 25.2	1	0.50	0.50
		Sargithali	N-19 20 10.3	E-84 20 32.1	1	0.50	0.50
14	Balliguda	Mahabali	N 19 52 48.2	E 83 38 20.4	1	0.50	0.50
		Gambhari	N 19 53 44.1	E 83 38 52.2	1	0.50	0.50
15	Boudh	Mundeswar RF C-23	N 20 33 11.38	E 84 32 59.24	1	0.50	0.50
16	Kalahandi North	Narla RF	N20.001756	E83. 394272	1	0.50	0.50
		Telen RF	N20 09 59.6	E83 38 39.9	1	0.50	0.50
		Chura 'A' RF	19 59 30.8	82 53 01.7	1	0.50	0.50
17	Kalahandi (S)	Nehela RF	N19 43 56.3	E83 07 01.0	1	0.50	0.50
		Sagad PRF	N19 47 53.0	E83 08 19.0	1	0.50	0.50
		Karlapat RF	N19 41 46.2	E83 07 34.5	1	0.50	0.50
18	Khariar	Koilakhala PRF	N20 04 56.7	E082 27 35.0	1	0.50	0.50
		Koilakhala PRF	N20 03 29.0	E082 30 23.5	1	0.50	0.50
19	Sunabeda WL	Kandimoth	20 42 08.0	82 30 18.0	1	0.50	0.50
		Orenjhola	20 37 44.44	82 30 50.28	1	0.50	0.50
		Gambharipani	20 29 55.9	82 30 34.9	1	0.50	0.50
		Ganeihibeheli	20 42 07.0	82 30 23.0	1	0.50	0.50
		Moti Nalla	20 40 05.0	82 31 02.0	1	0.50	0.50
20	Puri WL	Balukhanda	19 50' 31.74"	085 57' 25.61"	1	0.50	0.50
21	Chandaka WL	Jaria	20°24' 05.18"	85°42'07.45"	1	0.50	0.50
		kuasaura	20°18'04.37"	85°47'25.55"	1	0.50	0.50
		Bharatpur RF	20°18'49.75"	85°47'45.75"	1	0.50	0.50
		Ambilo	20° 18' 02.3"	85° 39' 24.4"	1	0.50	0.50
		Kateni Meadow	20°23' 35.89"	85° 43' 48.92"	1	0.50	0.50
22	Nayagarh	Ratadei RF,C/4	20.14836111	84.84338889	1	0.50	0.50
23	Bamra WL	Binjipali RF, Compt No.4	21 35 50.32	84 13 44.6	1	0.50	0.50
		Binjipali RF, Compt No.5	21 36 50.74	84 14 10.12	1	0.50	0.50
		Add.Kansar RF	21 30 19.90	84 22 59.7	1	0.50	0.50
		Add.Kansar RF, near Silparchata	21 30 17.0	84 22 48.6	1	0.50	0.50
		Binjipali RF	21 39 1.33	84 12 32.68	1	0.50	0.50
24	Hirakud WL	Patheidurga-V	21 33 2.6	83 37 17.74	1	0.50	0.50
		Juedkhol	21 34 02.	83 38 41.00	1	0.50	0.50
		Rengalduhula	21 36 21.0	83 41 8.0	1	0.50	0.50
		Mahultalu	21 37 5.0	83 41 46.9	1	0.50	0.50
		Jhagada	21 36 06.0	83 42 40.0	1	0.50	0.50
Total:-					75	0.50	37.50

i(h) Water Harvesting Structure (unit cost @ Rs.10.00 lakh each)							
SL. No.	Name of the Division	Location	Geo-coordinate		Unit (In Ha)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. in lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
1	Angul	Devinagar PRF	21.00411	84.82806	1	10.00	10.00
		Jaipur RF	21.00453	84.98105	1	10.00	10.00
2	Mahanadi WL	Banigochha East	20 21 30.20	84 48 27.67	1	10.00	10.00
		Chhamundia	20 29 1.89	84 55 3.29	1	10.00	10.00
3	Athgarh	Deobhuin RF C-5 (Sundhuni)	20 30 49.1	85 10 09.4	1	10.00	10.00
4	Rairangpur	Ramgarh Asurghaty RF	22.4324	86.2134	1	10.00	10.00
		Saragoda Section	22.2635	86.3852	1	10.00	10.00
5	Karanjia	Noda RF	N-21-17-43.1	E-86-12-3.0	1	10.00	10.00
6	Baripada	B.C Pur	N-21 82 35.69	N-86 74 29.83	1	10.00	10.00
		Gadgadia	N-21 67 53.26	E-86 87 64 78	1	10.00	10.00
7	Keonjhar (WL)	Rebana RF-Maragola	21-16'-48.69"	85-38'-48.72"	1	10.00	10.00
		Raighati	N21 19 50.00	E86 20 12.00	1	10.00	10.00
8	Similipal North	Ektali Beat	21 53 38.5	86 07 27.6	1	10.00	10.00
		Asankudar	21 36 29.5	86 12 47.8	1	10.00	10.00
9	Berhampur	Jamukhol RF	20 39 37.55	84 14 43.16	1	10.00	10.00
10	Parlakhemundi	R.Udayagiri Range	N-19 13 37	E-84 08 26	1	10.00	10.00
		Purunadiha-I-	N-19.216616	E-84.176648	1	10.00	10.00
11	Balliguda	Nuamunda	N 19 51 09.4	E 83 38 58.5	1	10.00	10.00
		Bhandarangi	N 19 44 16.9	E 83 52 26.6	1	10.00	10.00
12	Boudh	Jamukhol RF	20 39 37.55	84 14 43.16	1	10.00	10.00
		Subarnagiri RF	20 41 34.45	84 14 50.83	1	10.00	10.00
13	Subarnapur	Adakasa (Binka Range)	N21 2 46.31	E83 42 14.76	1	10.00	10.00
14	Kalahandi North	Urladani RF, Narla RF, Porgel RF	N20.134167	E83.500833	1	10.00	10.00
15	Kalahandi South	Jerka RF	N19.4513.9	E82.59 45.7	1	10.00	10.00
16	Sunabeda (WL)	Jharni	20 36 53	82 26 55	1	10.00	10.00
		Rupi Nall	20 37 27	82 29 33	1	10.00	10.00
17	Chandaka (WL)	Nuakua	20°20'20.28"	85°39'17.77"	1	10.00	10.00
14	Malkangir	Balimela -1, Ckd -1	20 37 25.02	84 54 25.6	1	10.00	10.00
	Bonai	Toda RF	N21 52 16.6	E85 06 37.7	1	10.00	10.00
15	Rourkela	Dhanghar RF	22 23 12.3	84 49 58.5	1	10.00	10.00
	Sundargarh	Dangakhhol	N21 53 58.4	E83 40 05.9	1	10.00	10.00
16	Rairakhhol	Redhakhhol Bindhyabasani R.F, Compt. No.02	21 01 19	84 24 26	1	10.00	10.00
		Charmal (Berhampura PRF)	21 07 51.64	84 14 24.87	1	10.00	10.00
18	Bamra WL	Binjipali RF, Compt.3	21 36 12.56	84 12 8.04	1	10.00	10.00
		Sauntimal PRF	21 35 55.4	84 23 44.18	1	10.00	10.00
Total:-					35	10.00	350.00

ii(a) Monitoring Surveillance of meta population of important wildlife species including RET species outside protected areas through local communities (Unit cost @ Rs.20.77 lakh per Squad)

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed amount (Rs.in lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
1	Dhenkanal	Dhenkanal	20-38-50.2	85-36-37.4	1	20.77	20.77
		Hindol Range	20-38-50.2	85-36-37.4	1	20.77	20.77
		Meramandali	20-38-50.2	85-36-37.4	1	20.77	20.77
		Gadasila	20-38-50.2	85-36-37.4	1	20.77	20.77
		Sardangi Range	20-38-50.2	85-36-37.4	1	20.77	20.77
		K. Nagar West Range	20-38-50.2	85-36-37.4	1	20.77	20.77
		Kapilash Range	20-38-50.2	85-36-37.4	1	20.77	20.77
		Mahabirroad Rnage	20-38-50.2	85-36-37.4	1	20.77	20.77
2	Satkosia Wildlife Division	Tikarpada	20.590	84.780	1	20.77	20.77
		Purunakote	20.590	84.830	1	20.77	20.77
		Raigoda	20.610	85.050	1	20.77	20.77
		Pampasar	20.700	84.940	1	20.77	20.77
		Angul Division Office	20.830	85.100	1	20.77	20.77
		Majhiparha	20.6757	84.7618	1	20.77	20.77
		Tuluka	20.6302	84.9190	1	20.77	20.77
		Jillinda	20.520	84.940	1	20.77	20.77
3	Mahanadi WL	Banigochha West	20°23'57.64"N	84°35'11.58"E	1	20.77	20.77
		Chhamundia- 2 Nos.	20°29'1.87"N 20°32'42.47"N	84°55'3.29"E 84°43'55.57"E	2	20.77	41.54
		Banigochha East	20°21'30.20"N	84°48'27.67"E	1	20.77	20.77
		Kusanga	20°32'42.47"N	84°43'55.57"E	1	20.77	20.77
4	Balasore WL	Kuldiha	N – 21.467203	E - 86.777985	1	20.77	20.77
		Soro Range	N-21-19-36	E-86-30-23	1	20.77	20.77
		Nilgiri Range	N-21.4628667	E-86.7745334	1	20.77	20.77
		Panchalingeswar	N-21.40878	E-86.734251	1	20.77	20.77
		Kuntapatna	N-21 20 52	E- 86-36-19	1	20.77	20.77
		Dhobsila	N-21.494358	E- 86.788085	1	20.77	20.77
		Baradiha	N-21.906388	E-87.196108	1	20.77	20.77
5	Keonjhar (WL)	Anandapur	N-21 12 57.7	E-86 6 19.6	1	20.77	20.77
		Hadagarh (Kathakata)	N-21 15 13.2	E-86 13 21.5	1	20.77	20.77
		Hadagarh	N-21 16 25.5	E-86 17 57.2	1	20.77	20.77
		Brahmanipal (Talapada Range)	N-21 07 31.09	E-85 47 50.3	1	20.77	20.77

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed amount (Rs.in lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
6	Similipal (South)	Jenabil	21 43' 58.6"	86 20' 56.8"	1	20.77	20.77
		Nawana(S)	21 49' 38.6"	86 24' 41.6"	1	20.77	20.77
		Pithabata(N),	22 01' 23.6"	86 30' 44.5"	1	20.77	20.77
		National Park-2,	21 44' 47.5"	86 17' 49.4"	1	20.77	20.77
		Dukura	21 47' 15.3"	86 39' 39.8"	1	20.77	20.77
		Pithabata	22 01' 23.6"	86 30' 44.5"	1	20.77	20.77
7	Similipal (North)	Ghatkuanri	22 03 04.9	086 23 04.2	1	20.77	20.77
		Kiajhari	21 50 15.0	086 08 05.0	1	20.77	20.77
		Ranipat	21 51 12.4	086 05 12.5	1	20.77	20.77
		Gurguria	21 51 20.5	086 14 51.6	1	20.77	20.77
		Sandhanala	21 37 16.4	086 16 07.9	1	20.77	20.77
		Madaljhari	21 34 26.0	086 15 15.2	1	20.77	20.77
		Karkatbeda	21 25 08.2	086 13 38.6	1	20.77	20.77
8	Parlakhemundi	Ramagiri	N- 19 05 15.34 N- 18 57 30.51	E- 84 17 11.48 E- 84 13 26.33	1	20.77	20.77
		Chandragiri	N- 19 30 31	E- 84 20 18	1	20.77	20.77
9	Balliguda	Kotagarh	N 19 50 17.5	E 83 43 32.5	1	20.77	20.77
		Balliguda	N-20 12 1.2	E-83 54 45.3	1	20.77	20.77
10	Kalahandi South	Sagada	N19 48 26.6	E83 07 09.2	1	20.77	20.77
		Jugsaipatna	N19 45 14.3	E83 11 44.3	1	20.77	20.77
		Karlapat	N19 40 45.5	E83 09 01.9	1	20.77	20.77
11	Sunabeda WL	Maraguda	20 42 11.4	82 30 48.1	1	20.77	20.77
		Sosenge	20 35 19.5	82 28 29.5	1	20.77	20.77
12	Puri WL	Balukhanda Range	19 49' 31.9"	85 51' 51.8"	1	20.77	20.77
		Astarang Range	19 55' 57.4"	86 16 55.3"	1	20.77	20.77
		Gop Range	19 58' 15.582"	86 01 27.048"	1	20.77	20.77
		Brahmagiri Range	19 47' 49.15"	85 38' 30.52"	1	20.77	20.77
13	Chilika Wildlife Division	Balugaon/ Rambha/ Tangi Range	N- 19 45 38.08 N- 19 32 57.54 N- 19 55 45.95	E- 85 12 50.03 E- 85 05 24.95 E- 85 23 48.42	1	20.77	20.77
		Satapada/ Chilika Range	N- 19 39 59.46 N- 19 39 54.98	E- 85 26 23.97 E- 85 23 08.82	1	20.77	20.77
14	Mangrove Forest Division(WL)Rajnagar	Kujanga	N-20 04 43.46	E- 86 27 11.71	1	20.77	20.77
		Mahakalpada	N- 20 19 46.7	E- 86 44 11.4	1	20.77	20.77
		Rajnagar	N-20 36 52.89	E-86 53 40.10	1	20.77	20.77
		Gahirmath	N- 20 29 45.59	E- 86 44 05.88	1	20.77	20.77
		Kanika	N- 20 44 25.2	E- 86 52 3.7	1	20.77	20.77
		Rajnagar	N-20 36 52.79	E-86 53 41.10	1	20.77	20.77

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed amount (Rs.in lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
15	Chandaka WL	Chandaka	20 22 13.13	85 46 05. 29	1	20.77	20.77
		Madua	20 17 09.00	85 36 33.69	1	20.77	20.77
		Malimuhna	20 18 54.0	85 46 46.50	1	20.77	20.77
		Dholakatha	20 21 20.6	85 46 52.01	1	20.77	20.77
		Hill Top	20 22 38.0	85 39 05.09	1	20.77	20.77
16	Bhadrak WL	Bhadrak	21.016527	86.5039916	1	20.77	20.77
		Chandbali	20.773386	86.736837	1	20.77	20.77
17	Bamra WL	Garposh	22 08 8.0	84 25 40	1	20.77	20.77
		Badbahal	21 45 16.2	84 36 29.3	1	20.77	20.77
		Mendhalhal	21 37 12.12	84 11 1.68	1	20.77	20.77
		Kuchinda	21 45 2.38	84 21 9.0	1	20.77	20.77
		Badrama	21 29 25.3	84 16 31.2	1	20.77	20.77
		Kisinda	21 19 42.4	84 20 55.4	1	20.77	20.77
18	Hirakud WL	Lakhanpur	21° 36' 16.2"	83° 36' 58.2"	1	20.77	20.77
		Kamgaon	21° 26' 51.52"	83° 38' 12.53"	1	20.77	20.77
		Samardhara	21 32 13.0	83 31 10.1	1	20.77	20.77
		Dhodrokusum	21 30 2.9	83 46 16.1	1	20.77	20.77
19	DD, NZP	Nandankanan	20 23 08	85 48 09	1	20.77	20.77
Total:-					84	20.77	1744.68

ii(b) Cattle vaccination/awareness and animal health camp (Unit Cost @ Rs.0.25 lakh)				
SL. No.	Name of the Division	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
1	2	3	4	5
1	Angul	10	0.25	2.50
2	Dhenkanal	15	0.25	3.75
3	Satkosia WL	15	0.25	3.75
4	Mahanadi WL	15	0.25	3.75
5	Cuttack	10	0.25	2.50
6	Athmallik	16	0.25	4.00
7	Balasore WL	15	0.25	3.75
8	Rairangpur	16	0.25	4.00
9	Karanjia	14	0.25	3.50
10	Baripada	12	0.25	3.00
11	Keonjhar (WL)	15	0.25	3.75
12	Similipal North	15	0.25	3.75
13	Ghumsur North	10	0.25	2.50
14	Ghumsur South	10	0.25	2.50
15	Parlakhemundi	12	0.25	3.00
16	Balliguda	15	0.25	3.75
17	Bolangir	10	0.25	2.50
18	Kalahandi (S)	12	0.25	3.00
19	Khariar	10	0.25	2.50
20	Sunabeda WL	16	0.25	4.00
21	Puri WL	10	0.25	2.50
22	Chilika WL	15	0.25	3.75
23	Mangrove WL	15	0.25	3.75
24	Chandaka WL	15	0.25	3.75
25	Nawarangpur	10	0.25	2.50
26	Sambalpur	12	0.25	3.00
27	Rairakhol	10	0.25	2.50
28	Bamra WL	15	0.25	3.75
29	Bargarh	10	0.25	2.50
34	Hirakud WL	15	0.25	3.75
35	Dy. Dir, NKZP	10	0.25	2.50
Total:-		400	0.25	100.00

(x) Invasive weed eradication (Unit Cost @ 0.10 lakh)				
SL. No.	Name of the Division	Unit (In Ha.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs.in lakh)
1	2	4	5	6
1	Angul	40	0.10	4.00
2	Dhenkanal	20	0.10	2.00
3	Satkosia (WL)	50	0.10	5.00
4	Mahanadi (WL)	50	0.10	5.00
5	Athmallik	30	0.10	3.00
6	Balasore (WL)	30	0.10	3.00
7	Rairangpur	20	0.10	2.00
8	Karanja	30	0.10	3.00
9	Keonjhar (WL)	30	0.10	3.00
10	Similipal North	75	0.10	7.50
11	Similipal South	75	0.10	7.50
12	Ghumsur North	30	0.10	3.00
13	Ghumsur South	20	0.10	2.00
14	Parlakhemundi	20	0.10	2.00
15	Balliguda	30	0.10	3.00
16	Kalahandi South	30	0.10	3.00
17	Sunabeda (WL)	20	0.10	2.00
18	Puri (WL)	10	0.10	1.00
19	Chilika (WL)	30	0.10	3.00
20	Chandaka (WL)	30	0.10	3.00
21	Mangrove (WL)	50	0.10	5.00
22	Nayagarh	20	0.10	2.00
23	Bonai	25	0.10	2.50
24	Bamra (WL)	100	0.10	10.00
25	Hirakud (WL)	30	0.10	3.00
26	NKZP	5	0.10	0.50
Total:-		900	0.10	90.00
WL Head Quarter (Reserve)		100	0.10	10.00
Grand Total:-		1000	0.10	100.00

iii (a) Meadow development and maintenance (Unit Cost @ 1.25 lakh)				
SL. No.	Name of the Division	Unit (In Ha.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
1	2	6	7	8
1	Dhenkanal	5	1.25	6.25
2	Satkosia (WL)	30	1.25	37.50
3	Mahanadi (WL)	20	1.25	25.00
4	Keonjhar (WL)	5	1.25	6.25
5	Similipal North	30	1.25	37.50
6	Similipal South	30	1.25	37.50
7	Kalahandi South	5	1.25	6.25
8	Puri (WL)	5	1.25	6.25
9	Chandaka (WL)	20	1.25	25.00
10	Mangrove (WL)	15	1.25	18.75
11	Bamra (WL)	5	1.25	6.25
12	Hirakud (WL)	30	1.25	37.50
Total:-		200	1.25	250.00

iii(b)Habitat restoration post natural disaster in ex-situ and instu conservation areas. (Unit Cost @ LS)							
SL. No.	Name of the Division	Location			Unit (In Ha.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
			4	5			
1	2	3	4	5	6	7	8
1	Whole State				LS	LS	500.00
Total:-					LS	LS	500.00
N.B:- This is an incidental expenditure involving post natural desaster salvage and habitat restoration hence unit cost can not be assigned.							

iii(c) Community mobilization, awareness creation, data management etc. (Unit Cost @ LS)							
SL. No.	Name of the Division	Location			Unit (In Ha.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
1	2	3	4	5	6	7	8
1	Whole State				LS	LS	150.00
Total:-					LS	LS	150.00
<p>N.B:- This is an incidental expenditure involving post natural desaster salvage and habitat restoration hence unit cost can not be assigned.</p>							

iv(a) 0th and 1st year plantation of Rejuvenation of Wildlife Corridor (Unit Cost @ Rs.0.885/-)					
SL. No.	Name of Division	Location	Unit (In Ha.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
1	2	3	4	5	6
1	Rairangpur		5	0.885	4.425
2	Keonjhar WL		20	0.885	17.700
3	Rairakhol		40	0.885	35.400
		Total:-	65	0.885	57.525

**iv(b) 2nd Year maintenance under Rejuvenation of Wildlife Corridor
(Unit Cost @ Rs.0.296/-)**

SL. No.	Name of Division	Location	Unit (In Ha.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
1	2	3	4	5	6
1	Keonjhar WL	Santoshpur RF	10	0.296	2.96
		Atei RF	5	0.296	1.48
		Rebana RF	5	0.296	1.48
	Total:-		20	0.296	5.92

v (a) Black Bluck Conservation (Unit Cost @ Rs.21.76 lakh)							
SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In Nos.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
			Longitude	Latitude			
1	2	3			4	5	6
1	Berhampur	Tumba	N- 19 01 25.6	E-84 27 25.6	1	20.77	20.77
		Digapahandi	N- 19 23 2.0	E-84 33 63.0	1	20.77	20.77
		Tamana	N- 19 05 18.6	E- 84 43 2.0	1	20.77	20.77
		Purunabandha	N- 19 23 36.6	E- 85 05 14.9	1	20.77	20.77
		Berhampur	N-19 19 12.8	E-84 46 41.0	1	20.77	20.77
		Khalikote	N-19 36 25.6	E- 85 04 44.2	1	20.77	20.77
2	Ghumsur (North)	Mujagada Range	N-19 58 11.8	E- 84 24 09.4	1	20.77	20.77
		Jagannathprasad Range	N-20 04 13.0	E- 84 47 22.8	1	20.77	20.77
		Tarasingi Range	N-20 05 37.0	E- 84 42 08.8	1	20.77	20.77
3	Ghumsur (South)	Aska- 10 Nos. in Aska Range	N-19 39 22.6	E-84 41 22.0	1	20.77	20.77
		Guguda Range	N- 19 48 34.9	E- 84 47 24.86	1	20.77	20.77
		Surada Range	N-19 44 43.29	E- 84 26 31.44	1	20.77	20.77
Total:-					12	21.76	261.12

v(b) Conservation of wet land management of migratory bird congrigation areas outside PAs (unit cost @ 2.25 lakh)				
SL. No.	Name of the Division	Unit (In Ha)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. in lakh)
1	2	3	4	5
1	Athgarh	10	2.25	22.50
2	Chillika (WL)	20	2.25	45.00
3	Hirakud (WL)	15	2.25	33.75
Total:-		45	2.25	101.25

(v) Contingency & Overhead EXpenditure (unit cost @ LS)				
SL. No.	Name of the Division	Unit (In Ha)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. in lakh)
1	2	4	5	6
1	WL Headquarter	LS	LS	75.00
Total:-		LS	LS	75.00
N.B:- This is an incidental expenditure hence unit cost can not be assigned.				

AnnexureIII-XXXVII

Establishment, Operation and maintenace of animal rescue centre and vetenary treatment facilities for Wildlife

(i) Maintenance of Nandankanan & Other Zoos (unit cost @ LS)					
SL. No.	Name of the Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. in lakh)
1	2	3	4	5	6
1	Whole State		LS	LS	300.00
Total:-			LS	LS	300.00

(ii) Veterinary Care facilities (unit cost @ LS)					
SL. No.	Name of the Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. in lakh)
1	2	3	4	5	6
1	Whole State		LS	LS	100.00
Total:-			LS	LS	100.00

(iii) Establishment of Rescue Centre and Veterinary treatment facilities and maintenance (unit cost @ LS)					
SL. No.	Name of the Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. in lakh)
1	2	3	4	5	6
1	Whole State		LS	LS	1000.00
Total:-			LS	LS	1000.00

(i) Biodiversity Assessment of the Protected Areas (Unit cost @ 1.00 lakh)				
SL. No.	Name of the Division	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. in lakh)
1	2	4	5	6
1	Dhenkanal	1	1.00	1.00
2	Similipal South	1	1.00	1.00
3	Similipal North	1	1.00	1.00
4	Parlakhemundi	1	1.00	1.00
5	Bamra (WL)	1	1.00	1.00
Total:-		5	1.00	5.00

(ii) Protection assessment and monitoring of RET species and their habitat within and outside protected areas through community participation (Unit cost @ Rs.20.77 lakh per Squad)

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed amount (Rs.in lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
1	Angul	Bantala	20.74255556	85.06294444	1	20.77	20.77
		Jarpada	20.87772	84.88225	1	20.77	20.77
		Chhendipada-I	21.07698	84.87469	1	20.77	20.77
		Kaniha	21.09394444	85.05802778	1	20.77	20.77
2	Athagarh	Narasinghpur East Range	N 20 27 30.7	E 85 04 17.9	1	20.77	20.77
		Athagarh Range	N 20 31 16.9	E 85 38 13.9	1	20.77	20.77
		Khuntuni Range	N 20 33 43.3	E 85 43 39.9	1	20.77	20.77
		Badamba Range	N 20 24 51.7	E 85 21 02.8	1	20.77	20.77
3	Cuttack	Sukinda Range,	N 20 57 8.38612	85 54 56.83543	1	20.77	20.77
4	Athmallik	Handpa Range	20 57 10.9	84 48 12.9	1	20.77	20.77
		Bamur Range	21 00 43.5	84 28 57.0	1	20.77	20.77
		Madhapur Range	20 49 30.4	84 26 41.7	1	20.77	20.77
5	Rairangpur	Rairangpur Range	22 15 56.21	86 10 26.99	1	20.77	20.77
		Badampahar	22.09266667	86.11372222	1	20.77	20.77
6	Karanjia	Satkosia Range	21-21-35.6	86-08-46.5	1	20.77	20.77
		Karanjia	21-20-31.2	86-05-44.2	1	20.77	20.77
7	Baripada	Baripada	N- 21 55 40.9	E- 86 43 36.4	1	20.77	20.77
		Udala	N- 21 53 34	E-86 26 15	1	20.77	20.77
8	Boudh	Boudh Range	N20 50 41.9	E84 18 58.1	1	20.77	20.77
		Kantamal	N20 42 37.8	E83 49 20.4	1	20.77	20.77
		Madhapur	N20 26 59.0	E20 39 20.4	1	20.77	20.77
9	Phulbani	Badabaraba	19 53 22.6	84 20 36.8	1	20.77	20.77
		Tikabali	20 14 41.8	84 21 3.4	1	20.77	20.77
10	Subarnapur	Binka Range	N 21.02 79 59	E 83.800 634	1	20.77	20.77
		Sonepur Range	N 20 50 37.15	E 83 54 17.28	1	20.77	20.77
		Ullunda Range	N 20 58 29.6	E 83 52 46.8	1	20.77	20.77
11	Bolangir	Harishankar Range	N- 20 45 3.0	E-82 51 36.1	1	20.77	20.77
		Loisingha Range	N- 20 51 8.35	E- 83 30 42.9	1	20.77	20.77
12	Kalahandi North	M.Rampur	N- 20 11 34.0	E-83 31 04.6	1	20.77	20.77
		Narla	N- 20 11 32.6	E- 83 31 04.4	1	20.77	20.77

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed amount (Rs.in lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
13	Khariar	Sinapali Range	N- 20 06 44.7	E- 82 32 47.0	1	20.77	20.77
14	City Forest	Bhubaneswar	20.24306 20.25825 20.270454	85.76611 85.72239 85.719736	1	20.77	20.77
		Bhubaneswar	21.19467	85.85112	1	20.77	20.77
		Cuttack	20.2941 20.2930	85.4836 85.4755	1	20.77	20.77
15	Khordha	Khordha	20-11-11.9	85-37-08.43	1	20.77	20.77
		Balugaon	20-10-10.8	85-35-09.35	1	20.77	20.77
		Ranpur	19-03-28.1	85-20-30.9	1	20.77	20.77
16	Nayagarh	Mahipur existing	N- 20 09 49.3	E- 84 59 41.30	1	20.77	20.77
		Oda gaon Range	N-20 01 01.55	E-84 58 51.73	1	20.77	20.77
17	Rayagada	Muniguda Range	19.622153	83.495524	1	20.77	20.77
		Rayagada Range	19.17805	83.39033333	1	20.77	20.77
		Tikiri Range	19.179449	83.090244	1	20.77	20.77
18	Jeypore	Gupteswar	N- 18.453700	E-82.143500	1	20.77	20.77
		Kundra	N- 18.927896	E-82.381819	1	20.77	20.77
		Kotpad	N-19.08336	E-82.194	1	20.77	20.77
19	Nawarangpur	Nawaranpur	N19.26893	E82.53802	1	20.77	20.77
		Papadahandi	N19.32811	E82.51921	1	20.77	20.77
		Raighar	N19.88695	E82.07369	1	20.77	20.77
20	Koraput	Semiliguda	18.70487	82.84415	1	20.77	20.77
		Koraput	18.81756	82.71014	1	20.77	20.77
21	Malkangiri	Mathili Range	18.58185	82.285036	1	20.77	20.77
		Chittrakonda	18.10714	82.11575	1	20.77	20.77
22	Bonai	Kuliposh	N21 47 24.9	E85 01 49.8	1	20.77	20.77
		Jarda Range	N- 21 47 4.5	E-84 35 1.2	1	20.77	20.77
23	Deogarh	Khamar Range	N21 15 58.7	E85 11 10.8	1	20.77	20.77
		Deogarh	N 21 31 57.7	E 84 42 38.6	1	20.77	20.77
		Reamal	N 21 19 31.2	E 84 39 26.4	1	20.77	20.77
24	Keonjhar (T)	Ghatagaon Range	21-23-48.4	85-53-46.2	1	20.77	20.77
		Telkoi Range	22-21-25.8	85-23-53.7	1	20.77	20.77
		keonjhar Range	21-38-10.9	85-36-28.05	1	20.77	20.77
25	Rourkela	Panposh Range	22°15'23.70"N	84°52'02.71"E	1	20.77	20.77
		Banki Range	22°05'43.85"N	84°53'42.18"E	1	20.77	20.77
		Banki Range	22°04'43.85"N	84°52'42.18"E	1	20.77	20.77
		Rajgaganpur	N-22 11 19.8	E-84 34 52.7	1	20.77	20.77

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed amount (Rs.in lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
26	Sundargarh	Sundargarh Range	N 22 07 01.2	E 84 02 56.3	1	20.77	20.77
		Bargaon Range	N 22 10 18.06	E 84 17 18.10	1	20.77	20.77
		Kujalpur	N-22 28 0010	E-83 946081	1	20.77	20.77
		Lepharipara	N-22 09 04.6	E-83 43 38.2	1	20.77	20.77
27	Sambalpur	Sadar Range	21-28-21.44	83-59-42.18	1	20.77	20.77
		Rengali	21-38-11.6	84-02-38.09	1	20.77	20.77
28	Jharsuguda	Bagdihi Range	N-21-55 54-30	E-84-11 29-67	1	20.77	20.77
		Kolabira	N-21 47 48.84	E-84 10 37.36	1	20.77	20.77
29	Rairakhol	Redhakhhol Range	21 04 05.79	84 20 25.47	1	20.77	20.77
		Charmal	21 11 18.26	84 14 27.83	1	20.77	20.77
		Naktideul	21 15 06.0	84 32 12.2	1	20.77	20.77
30	Bargarh	Bhatli Range	N-21 27 38.2	E-83 32 10.0	1	20.77	20.77
		Padmpur	N-21 26 351	E-83 33 9.0	1	20.77	20.77
		Ghess	N21 11 42.9	E83 17 22.8	1	20.77	20.77
Total:-					78	20.77	1620.06
WL Head Quarter:-					8	20.77	166.16
Grand Total:-					86	20.77	1786.22

(i) Voluntary Relocation of Villages from Protected Areas and Tiger Reserve

SL. No.	Name of the Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed amount (Rs.in lakh)
1	2	3	6	7	8
Whole State			LS	LS	5000.00
Total:-			LS	LS	5000.00

(i) Installation of VHF base station, and maintenance thereof including statellite tracking (Unit cost @ Rs. 1.50 lakh)				
SL. No.	Name of the Division	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. in lakh)
1	2	3	4	5
1	Satkosia (WL)	2	1.50	3.00
2	Mahanadi (WL)	2	1.50	3.00
3	Athmallik	2	1.50	3.00
4	Karanjia	2	1.50	3.00
5	Similipal South	2	1.50	3.00
6	Similipal North	2	1.50	3.00
7	Balliguda	2	1.50	3.00
8	Sunabeda (WL)	2	1.50	3.00
9	Chillika (WL)	2	1.50	3.00
10	Mangrove (WL)	2	1.50	3.00
11	Nayagarh	2	1.50	3.00
12	Khordha	2	1.50	3.00
13	Bamra (WL)	2	1.50	3.00
14	Rairakhol	2	1.50	3.00
15	Hirakud (WL)	2	1.50	3.00
Total:-		30	1.50	45.00
WL Head Quarter (Reserve):-		3	1.50	4.50
Grand Total:-		33	1.50	49.50

6 (ii) Equipments for monitoring of wild animals and the protection activities (Unit cost @ Rs.6.00 lakh)				
SL. No.	Name of the Division	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. in lakh)
1	2	4	5	6
1	Dhenkanal	2	6.00	12.00
2	Satkosia WL	1	6.00	6.00
3	Mahanadi WL	1	6.00	6.00
4	Athagarh	2	6.00	12.00
5	Athmallik	1	6.00	6.00
6	Baripada	2	6.00	12.00
7	Keonjhar (WL)	1	6.00	6.00
8	Similipal South	2	6.00	12.00
9	Similipal North (WL)	1	6.00	6.00
10	Ghumsur (N)	1	6.00	6.00
11	Kalahandi (S)	1	6.00	6.00
12	Chandaka WL	1	6.00	6.00
13	Khurda	2	6.00	12.00
14	Keonjhar (T)	1	6.00	6.00
15	Rourkela	1	6.00	6.00
16	Sundargarh	1	6.00	6.00
17	Sambalpur	1	6.00	6.00
18	Rairakhol	2	6.00	12.00
19	Bamra WL	1	6.00	6.00
Total:-		25	6.00	150.00

(iii) Communication and information Technology, data analysis and data managing etc. (Unit cost @ LS)					
SL. No.	Name of the Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. in lakh)
1	2	3	4	5	6
1	Whole State		LS	LS	150.00
Total:-			LS	LS	150.00
N.B:- This pertains to wages which is a variable components and procurement and software and hard ware which is incidental in nature hence unit cost can not be assigned.					

Annexure-III-XXXVIII

Infrastructure

Sl No.	Name of Division	Location	Type of Infrastructure	Qty.	Geo-coordinates	
					Latitude	Longitude
1	Angul	Purunagarh	Forester Quarter	1	20.789388	84.982188
		Mahidharpur	Forest Guard Quarter	1	20.699055	85.177758
		Katada-I	Forest Guard Quarter	1	20.913526	84.829814
		Kandhakoili	Forest Guard Quarter	1	20.793500	84.862694
		Kampasala	Forest Guard Quarter	1	21.138417	84.862694
		Purunagarh	Forest Guard Quarter	1	20.789313	84.982136
		Samal	Forest Guard Quarter	1	21.06475	85.12346
		Lodhajhari	Forest Guard Quarter	1	21.209210	84.948190
		Kantamegha to Rasanda	Cont. & Maint. Of Forest Road	1	20.66694	85.02556
		Bulajhar-Gaham Forest Road	Cont. & Maint. Of Forest Road	4	21.09664	85.19289
		Antulia Tabada RF Comptt No.4	Culvert	1	20.7971944	84.860000
		Manikjodi to Sitikoili Forest Road	Culvert	1	20.7572222	84.894444
		Ugi-Antulia Forest Road	Causeway	1	20.8090278	84.839444
		Manikjodi to Sitikoili Forest Road	Causeway	1	20.7572533	84.89471
		Dhanakoili R.F	Causeway	1	21.16308	85.08719
2	Athmallik	Jadupur to Darhuha	Cont. & Maint. Of Forest Road	10	20.762872	84.554077
		Dhandatopa to Korab	Cont. & Maint. Of Forest Road	5	20 46 15.6 20 44 32.0	84 38 48.5 84 40 35.3
		Korab to bipradiha Forest Road	Cont. & Maint. Of Forest Road	10	20 44 32.0 20 41 13.9	84 40 35.3 84 43 02.3
		Kamrei-Udal-Dimiridihi	Cont. & Maint. Of Forest Road	15	20 58 08.3 21 02 49.7	84 37 50.5 84 35 48.8
		Haripur-Dimiridihi-Pathargarh	Cont. & Maint. Of Forest Road	10	21 02 10.9	84 28 56.4
		Hatidhara RF Compt No. 28 (Sorisa Taila)	Causeway	1	20.6531	84.69151
		Hatidhara RF Compt No. 31 (Patananda Nala)	Causeway	1	20 39 56.0	84 39 14.0
		Kusumkuhuri RF Compt No. 03 (Jharjhuri Nala)	Causeway	1	20.64964	84.68967
		Hatidhara RF Compt No. 39 (Kundapur Nala)	Causeway	1	20 42 14.4	84 37 27.1
		Hatidhara RF Compt No. 39 (Tangianisha Nala)	Causeway	1	20 42 53.7	84 37 27.1
		Hatidhara RF Compt No. 28 (Matha Nala)	Causeway	1	20.6509	84 69605
		Northern RF Compt-12	Causeway	1	21.037521	84.528774
		Northern RF Compt-12	Causeway	1	21.03872	84.530675
		Northern RF Compt-12	Causeway	1	21.343073	84.5358213
[374]		Jillinda Range Office Campus	Range Officers Residence	1	20.5291	84.9461
		Majhipada	Forester Qtr.	1	20.6622	84.7554
		Katrang	Forest Guard Quarter	1	20.5886	84.8705
		Tersingh	Forest Guard Quarter	1	20.5828	85.0506
		Tuluka	Forest Guard Quarter	1	20.6046	84.9592
		Fireline -Kadalikhola Forest Road	Culvert	2	20.6700 20.6700	84.0800 84.8100
		Chunabhati	Causeway	1	20.5779	84.8913

3	Satkosia WL	Ranibandha	Causeway	1	20.5672	84.8642
		Dankia	Causeway	1	20.5696	84.8605
		Chhelia Munda	Causeway	1	20.5656	84.8672
		Fireline Kadalikhola Road	Causeway	1	20.6700	84.8100
		Majhipada -Bipradiha (Gayalgotha)	Causeway	1	20.6600	84.7600
		Majhipada -Kadalikhola Road (Mankadakenda)	Causeway	1	20.6583	84.7793
		Tuluka-Sosupathar	Causeway	1	20.5720	84.9610
		Bankadhara-Katrang Road	Causeway	1	20.5600	84.8900
		Tuluka - Phapeya	Causeway	2	20.6037	84.9583
			Causeway		20.6000	84.9900
		Nuapada -Dhasahi Road	Causeway	1	20.7321	84.8201
		Buchundabugura Road	Causeway	1	20.7168	84.8173
		Nuakheta -Raigoda Road	Causeway	1	20.4887	85.0678
4	Dhenkanal					
				Saradhapur	Forester Quarter	1
Maniabandha	Forester Quarter			1	20.45112	85.43144833
Bokada	Forester Quarter			1	20.435993	85.155134
Nidhipur	Forester Quarter			1	20.509264	85.737624
Khuntuni	Forester Quarter			1	20.560808	85.728009
Kuanrapal	Forest Guard Quarter			1	20 27 13.0	85 26 30.0
Kaduapada	Forest Guard Quarter			1	20 27 50.0	85 22 40.0
Badamba	Forest Guard Quarter			1	20 25 09.2	85 21 04.5
Kantapada	Forest Guard Quarter			1	20 27 50.0	85 22 40.0

5	Athgarh	Gopapur	Forest Guard Quarter	1	20 24 40.6	85 17 36.5
		Deobhuin	Forest Guard Quarter	1	20.555558	85.164274
		Kandhabhuin	Forest Guard Quarter	1	20.556253	85.162469
		Chatarapada	Forest Guard Quarter	1	20.52024	85.111513
		Godibandha	Forest Guard Quarter	1	20.456632	85.183997
		Oranda	Forest Guard Quarter	1	20.543256	85.80301
		Khuntuni	Forest Guard Quarter	1	20.562469	85.726611
		Adala	Forest Guard Quarter	1	20.577139	85.705956
		Gurudijhatia	Forest Guard Quarter	1	20.57729	85.797807
		Rajnagar	Forest Guard Quarter	1	20 29 46.9	85 39 44.6
		Nuapatna	Forest Guard Quarter	1	20 27 55.2	85 31 09.8
		Badamba to Aranda	Cont. & Maint. Of Forest Road	6	20 26 40.0	85 19 52.3
		Chhanchunia to Guptmanik	Cont. & Maint. Of Forest Road	2	20 29 23.0	85 16 33.5
		Chanchunia to Soruan	Cont. & Maint. Of Forest Road	11	20 27 57.5	85 19 48.6
		Soruan to Karada	Cont. & Maint. Of Forest Road	8	20 27 42.8	85 17 58.3
		Badakambilo to Daleimaro	Cont. & Maint. Of Forest Road	5	20 27 45.6	85 22 17.8
		Maniabandha to Badjora	Cont. & Maint. Of Forest Road	8	20 28 05.0	85 25 51.0
		Soruan –Chhanchunia	Causeway	1	20 28 06.8	85 18 11.8
		Soruan –Chhanchunia	Causeway	1	20 28 06.3	85 17 58.1
		Soruan –Chhanchunia	Causeway	1	20 27 56. 4	85 19 44.1
6	Cuttack	Kuanpal Beat	Forest Guard Quarter	1	20 31 06.2	86 12 42.6
		Deuli Beat	Forest Guard Quarter	1	20 46 44.7	86 08 45.4
		Back side of the (New) Range Officer's Residence, Jajpur Road	Seizure Yard Construction	1	20 57 22	086 07 09
		At Forest Road Kansa of Tomka Range	Culvert	2	21 09 43.00 21 04 10.82	85 56 40.00 85 49 46.69
		In Kabat-Kakudia Forest Road of Sukinda Range	Culvert	2	21 01 45.88 21 01 48.50	85 53 46.16 85 52 19.94
		In Haripur to Raijhara Forest Road	Culvert	2	20 40 24.40 40 18.58	85 58 44.60 85 57 38.81
		In Mangarajpur to Kusunpur Forest Road	Culvert	2	20 40 35.60 20 38 39.81	85 54 51.70 85 54 07.60
		In Berena to Damani Forest Road	Culvert	2	20 37 05.00 20 37 17.90	85 52 13.00 52 56.67
		Cause Way at Forest Road Kansa of Tomka Range	Causeway	5	21 04 32.75 21 04 04.37 21 04 08.94 21 04 10.21 21 04 09.29	85 56 15.50 85 52 27.56 85 51 03.27 85 50 17.85 85 49 20.98

		In Kabat-Kakudia Forest Road of Sukinda Range	Causeway	3	21 01 30.79 21 01 44.30 21 01 44.34	85 54 40.94 85 54 19.27 85 54 16.21
		In Deogoan-Chanakote of Sukinda Range	Causeway	3	21 04 25.93 21 04 56.27 21 04 15.23	85 44 25.58 85 44 16.57 85 40 22.23
		In Mangarajpur to Kusunpur Forest Road of Dalijora Range	Causeway	4	20 40 26.0 20 40 38.83 20 38 47.10 20 37 13.87	85 55 25.3 85 55 39.46 85 54 34.53 85 52 44.47
		Kabat-Kakudia Forest Road of Sukinda Range	Cont. & Maint. Of Forest Road	10	21 00 04.46 21 01 29.10	85 54 41.92 85 49 89.29
7	Mahanadi WL	Kuanria	Forest Guard Quarter	1	20 21 15.5	84 48 31
		Ranipadar	Culvert	1	20 28 41	84 44 2
		Janakadei	Causeway	1	20 28 19	84 44 3
		Pennajhola	Causeway	2	20 29 0.38	84 46 20
8	Khurda	Bolagarh	Forester Quarter	1	20.17333	85.27944
		Sisua, Banki	Forester Quarter	1	20.38366	85.5343
		Mandarbasta (Kanas)	Forester Quarter	1	20.05952	85.62981
		Sampur	Forest Guard Quarter	1	20.20202	85.27072
		Manibandha	Forest Guard Quarter	1	20.24958	85.5815
		Pangarsingh	Forest Guard Quarter	1	20.26611	85.49888
		Mandarbasta (Kanas)	Forest Guard Quarter	1	20.05959	85.6302
		Dixitpada Beat	Forest Guard Quarter	1	19.9288	85.39652
		Nalsingh Beat	Forest Guard Quarter	1	19.99635	85.45655
		Sankhajodi-Betuli-Dhuanali to Salia Bridge	Cont. & Maint. Of Forest Road	10	19.9505	85.20776
		Mainsigotha	Cont. & Maint. Of Forest Road	15	19.91948	85.08348
		Dhuanali to Ranpur road	Causeway	1	19.89253	85.13035
		Mahulia to Berbra	Causeway	4	19.86657	85.0274
		Mainsigotha	Causeway	1	19.92445	85.09361
9	Puri WL	Panichhatra	Range Office	1	20.02967222	86.15615556
		Balukahnda	Range Officers Residence	1	19.82454444	85.86463056
		Gop	Range Officers Residence	1	19.97083333	86.02388889
		Muhanmuhan	Forester Quarter	1	19.9570656	86.3360171
		Panichhatra	Forester Quarter	1	20.02950278	86.15617222
		Konark	Forester Quarter	1	19.88927943	86.09077349
		Puri Town Beat	Forest Guard Quarter	1	19.82561389	85.86398056
		Konark,	Forest Guard Quarter	1	19.88927943	86.09077349
		Krujanga	Forest Guard Quarter	1	19.899303	86.129707
		Chandrabhaga	Forest Guard Quarter	1	19.86549	86.110267
		Balukahnda	Cont. & Maint. Of Forest Road	11	19.82435278	85.86398333
	Muhanmuhan	Cont. & Maint. Of Forest Road	4.2	19.94653611	86.30299444	
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10	Rajnagar WL	Khola	Forester Quarter	1	20°-43'-1.6"	86°-49'-07.47"
		Nuagaon	Forester Quarter	1	20°-11'-18"	86°-31'-11"
		Mahisamada	Forest Guard Quarter	1	20°-44'-52.2"	86°-55.01.9"
		Thanapati	Forest Guard Quarter	1	20°-44'-54.6"	86°-50'-22.5"
		Krushnanagar	Forest Guard Quarter	1	20°-44'-52.2"	86°-55'-01.9"
		Jatadharatanda	Forest Guard Quarter	1	20°-10'-33"	86°-31'-19"
		Bagapatia	Forest Guard Quarter	1	20°-40'-23"	86°-53'-24"
		Habalikhati Jetty to Habalikhati Eco-tourism site	Cont. & Maint. Of Forest Road	2.86	20°-40'-05.5"	86°-59-09.1"
		Habalikhati to Ekakula	Cont. & Maint. Of Forest Road	5.14	20°-40'-29.5"	86°-59-31.8"
		Habalikhati	Culvert	1	20°-40'-37.7"	86°-59'-22.7"
	Culvert	1	20°-41'-06.9"	86°-59'-31.6"		
11	Nayagarh	Gumi Section Office	Forester Quarter	1	20.144173	84.877332
		Gateri Beat House	Forest Guard Quarter	1	20.139097	84.965293
		Gania Beat House	Forest Guard Quarter	1	20.400249	85.042703
		Khalisahi Beat House	Forest Guard Quarter	1	20 17 12.10	85 10 24.60
		Baijhari Beat House	Forest Guard Quarter	1	20.369075	84.762958
		Kankanamendi Beat House	Forest Guard Quarter	1	20.24420	84.35290
		Ambapada Beat House	Forest Guard Quarter	1	20 05 32.2	84 56 45.90
		Kadamjhara Beat House	Forest Guard Quarter	1	19 58 9.50	84 55 31.30
		Kaudia - Andharakani Forest Road near Palm plantation	Culvert	1	20 13 05.16	85 03 23.63
		Kaudia - Andharakani Forest Road near Palm plantation	Culvert	1	20 13 03.98	85 03 32.52
		Gochhabari - Sampada Forest Road	Culvert	1	20 13 03.14	85 01 47.17
		Gochhabari - Sampada Forest Road	Culvert	1	20 13 05.08	85 02 04.98
		Lingiribari-Bajrakot Forest Road	Culvert	1	20-07-22.0	84-57-47.0
		Andharakhani -Kaudia Forest Road	Culvert	1	20.294527	84.9966
		Andharakhani -Kaudia Forest Road	Culvert	1	20.303843	84.984952
		Khalisahi-Nuapalli Forest Road	Culvert	1	20-17-20.37	85-09-58.82
		Khalisahi-Nuapalli Forest Road	Culvert	1	20-16-38.07	85-06-22.13
		Kaudia - Andharakani Forest Road	Causeway	1	20 12 53.97	85 04 01.47
		Kaudia - Andharakani Forest Road	Causeway	1	20 12 59.91	85 03 56.08
		Kaudia - Andharakani Forest Road	Causeway	1	20 13 05.41	85 03 37.27
		Kaudia - Andharakani Forest Road	Causeway	1	20 12 45.73	85 04 30.29
		Lingiribari-Bajrakot Forest Road	Causeway	1	20-07-10.0	84-58-19.0
		Lingiribari-Bajrakot Forest Road	Causeway	1	20-06-54.0	84-58-37.0
		Andharakhani -Kaudia Forest Road	Causeway	1	20.305177	84.977849
		Andharakhani -Kaudia Forest Road	Causeway	1	20.306831	84.969099
		Andharakhani -Kaudia Forest Road	Causeway	1	20.306983	84.96843
		Andharakhani -Kaudia Forest Road	Causeway	1	20.255437	84.030047
		Andharakhani -Kaudia Forest Road	Causeway	1	20.257702	85.027505
		Andharakhani -Kaudia Forest Road	Causeway	1	20.262837	85.024369
		Andharakhani -Kaudia Forest Road	Causeway	1	20.29408	85.001779
Gateri- Barakola Forest Road	Causeway	1	20-10-00.0	84-52-17.0		

		Gateri- Barakola Forest Road	Causeway	1	20-10-03.0	84-52-29.0
		Khalisahi-Nuapalli Forest Road	Causeway	4	20-17-20.37	85-09-58.82
		Singhapada-Angisingi Forest Road	Causeway	4	20-18-38.93	85-08-38.07
		Khandapada-Kaudia Forest Road	Causeway	5	20-15-15.15	85-09-37.47
		Khamana to Kanapaju Forest Road	Causeway	2	20.249112	84.593586
12	Chilika WL	Sorana	Forester Quarter	1	N-19 51' 9"	E-85 ⁰ 22'28"
		Jamuna	Forester Quarter	1	N-19.624087	E-85.359321
13	Chandaka WL	Bhagipur	Forester Quarter	1	20° 25' 15.35"	85° 46' 29.16"
		Govindpur	Forest Guard Quarter	1	20° 22' 23.44"	85° 36' 49.38"
		Pithakhia	Forest Guard Quarter	2	20° 22' 03.11"	85° 40' 49.13"
14	City Forest	Khandagiri	Forester Quarter	1	20.261784	85.78642
		Khandagiri	Forest Guard Quarter	1	20.261767	85.786396
		Green Park Nursery	Forest Guard Quarter	1	20.1741	85.515
15	Bhadrak WL	Satabhauni under Bhadrak(WL) Range	Range Office	1	21.02121°	86.50619°
		Tihidi under Chandbali (WL) Range	Forester Quarter	1	20.780065°	86.727305°
		Bhandaripokhari under Dhamnagar (WL) Range	Forest Guard Quarter	1	20.95457°	86.375721°
16	Phulbani	Badabaraba	Range Office	1	19.88966	84.343194
		Phulbani	Range Officers Residence	1	20.480666	84.2339444
		Karada	Forester Quarter	1	19.936	84.280972
		Raikia	Forester Quarter	1	20.053111	84.242861
		Ghatikhariguda	Forest Guard Quarter	1	19.843658	84.422833
		Pokasunga	Forest Guard Quarter	1	19.9209722	84.358333
		Dimiripalli	Forest Guard Quarter	1	19.9344722	84.452194
		Ranipathar (N)	Forest Guard Quarter	1	20.572772	84.3763888
		Raikia	Forest Guard Quarter	1	20.05152777	84.2406388
		Sankarakhole	Seizure Yard	1	20.31613	84.29846
		Murja	Culvert	1	20.522305	83.96658
		Khajurikhamana to Ranaba	Causeway	3	19.89963 19.89983 19.86986	84.373722 84.374861 84.416833
		Kansuru to Khajurikhamana	Cont. & Maint. Of Forest Road	8	19.896975	84.378466
		Sanabaraba to Khajurikhamana	Cont. & Maint. Of Forest Road	3	19.9125	84.360555
		Gasamaha To Andrigada	Cont. & Maint. Of Forest Road	4	20.18486	84.53713
		Khamankhol Beat Quarter (Location:- Khamankhol)	Forest Guard Quarter	1	20 22 43.6	83 43 50.0
		Jhinjiriguda Beat Quarter (Location:- Jhinjiriguda)	Forest Guard Quarter	1	19 39 05.37	84 04 58.02
		Malangi Beat Quarter (Location:- Kurtamgarh)	Forest Guard Quarter	1	20 03 40.4	83 45 14.0
		Jidubadi Beat Quarter (Location:- Makabali)	Forest Guard Quarter	1	20 03 46.3	84 11 01.3
		Gunjibadi Beat Quarter (Location:- Gujibadi)	Forest Guard Quarter	1	20 05 40.5	84 08 44.0
		Sikaketa to Kumbharmunda Forest Road	Causeway	1	19 55 11.7	84 09 58.0
		Forest Road Pipadi to Badipanga	Causeway	1	19 45 04.7	83 39 52.7
		-do-	Causeway	1	19 45 17.5	83 39 43.8

17	Baliguda	-do-	Causeway	1	19 44 31.0	83 39. 05.3
		Forest Road Lassery to Badipanga	Causeway	1	19 49 09.8	83 40 43.6
		Inside Patangi RF near Debacdau	Causeway	1	20 02 04.3	84 01 04.2
		Inside Patangi RF near Debacdau	Causeway	1	20 02 13.1	84 01 04.6
		Inside Patangi RF near Debacdau	Causeway	1	20 01 09.8	84 01 08.6
		Balmargaon	Causeway	1	20 12 12.0	84 06 08.7
		Balmargaon	Causeway	1	20 12 11.9	84 05 58.9
		Balmargaon	Causeway	1	20 13 49.0	84 06 29.2
		Jhiripani to Mundighati	Cont. & Maint. Of Forest Road	10	19 58 4.10	83 29 53.96
		Guchhuka to Dhubulakhaman	Cont. & Maint. Of Forest Road	7	19 54 40.10	83 39 45.11
		Sikaketa to Kumbharmunda	Cont. & Maint. Of Forest Road	6	19 55 11.7	84 09 58.0
		Kotagarh to Padelpadar	Cont. & Maint. Of Forest Road	5	19 51 50.1	83 45 22.7
		Dhoblakhaman to Guchuka	Cont. & Maint. Of Forest Road	6	19 57 05.2	83 41 44.1
18	Boudh	Bagichasahi	Range Officers Residence	1	N 20.84212778	E 84.3233333
		Bagichasahi	Forester Quarter	2	N 20.84200278	E 84.32028611
		Kantamal	Forester Guard Quarter	1	N 20.65643056	E 83.75099722
		Biranarasinghapur	Seizure Yard	1	N 20.72795833	E 84.35005000
		Birigarh to Madikula	Cont. & Maint. Of Forest Road	2	N 20.61982778	E 84.23828056
		Chancher to Palasagora Road	Cont. & Maint. Of Forest Road	10	N 20.64252778	E 84.02697222
		Palsagora to Chancher	Cont. & Maint. Of Forest Road	5	N 20.70005556	E 83.84527778
		Mallikud to Sindhugora	Cont. & Maint. Of Forest Road	13	N 20.52762500	E 83.74681111
		Birigarh to Madikula	Culvert	1	N 20.61880556	E 84.23836111
		Tentulimunda (2 no.Double span)	Culvert	2	N 20.43958056	E 83.71733889
		Birigarh to Madikula	Causeway	4	N 20.61475000	E 84.23969444
19	Gh. South	Bhanjanagar	Forester Quarter	1	N19 55 58.20	E84 34 51.00
		Raipada	Forest Guard Quarter	1	N19 46 16.0	E84 56 01.8
		Nadiamba	Forest Guard Quarter	1	N19 46 24.9	E84 54 43.8
		Sahanaganda	Forest Guard Quarter	1	N19 47 43.9	E84 19 31.0
		Surada	Forest Guard Quarter	1	N19 45 25	E84 25 48
		Gochha	Forest Guard Quarter	1	N19 51 26.6	E84 19 30.6
		Ratanei	Seizure Yard	1	N19 46 24.9	E84 54 43.8
		Talasara-Nuapalli Forest Road	Causeway	2	N19 50 46 N19 50 44	E84 54 41 E84 54 54
		Karchuli-Samalai Forest Road	Causeway	1	N19 55 17	E84 52 22
[380]		Tiliki Forest Road	Causeway	1	N19.91334	E84.48760
		Tiliki-Kaliamba Forest Road		1	N19.89233	E84.50564
		Kathachira to Siuli		2	N20.09853	E84.60703
					N20.09203	E84.60217
		J.N.Prasad to Gereda Forest Road		1	N20.00681	E84.76789
		Darapangia RF C/ 12	Culvert	1	N20.09967	E84.44586
		Tiliki-Kaliamba Forest Road		1	N19.90536	E84.48547
		Kathachira to Siuli		1	N20.13992	E84.62569
		Tiliki Forest Road		5	N19.91661	E84.49541
		Brahmanapadar to Bhaluguda	Maintenance of Forest Road	2	N20.07878	E84.52703

20	Gh. North	Taziki to Khurudugochha		6	N20.09553	E84.49428
		Cux corner Forest Road		5.5	N20.07486	E84.67450
		Tarasingi to Kandhasala Forest Road		7	N20.09439	E84.69347
		Kadaligada to narayan prasad Forest Road		7	N20.18078	E84.71150
		J.N.Prasad - Gereda		7.5	N19.99094	E84.76492
		Hatiguda South Beat	Construction of Forest Guard Quarter	1	N19.91652	E84.49558
		Biripadar Beat		1	N20.00336	E84.54842
		Mujagada (North) Beat		1	N20.01972	E84.51669
		Mujagada (South) Beat		1	N20.01972	E84.51669
		Badaborsingi Beat		1	N19.83022	E84.56519
		R.O. Campus, Dholapita	Seizure Yard	1	N20.08161	E84.59633
21	Berhampur	Tamana-Kankia Road	Forest Guard Quarter	2	19.25508333	84.71872222
		Anantaraipur at Sunapur	Forest Guard Quarter	1	19.110925	84.776091
		Bomkei	Forest Guard Quarter	1	19.291305	84.549388
		Tamana-Kankia Road	Forester Quarter	2	19.25508333	84.71872222
		Tamana-Kankia Road	Range Office	1	19.25508333	84.71872222
22	Parlakhemundi	Kasinagar	Range Officers Residence	1	N 18.888271	E 83.88482
		Range office Campus, Devagiri Ramge, Paralakhemundi	Forester Qtr.	1	N 18.774930	E 84.100658
		Range office Campus Devagiri Range	Forest Guard Qtr.	1	N 18.774802	E84.100017
		Munising Beat		1	N 18 55 14.33	E84 01 19.08
		Bidua Beat		1	N 18.826914	E84.009567
		Narayanpur		1	N 18 53 04.1	E 84 11 03.9
		Gandahati		1	N 18 52 38.3	E 84 15 52.3
		New Range Office(Kashinagar beat)		1	N 18.888271	E 83.88482
		New Range Office Campus, Kasinagar	Seizure Yard	1	N 18.888271	E 83.88482
		Central Nursery Parasurampur farm		4	N 18.837749	E 84.034092
		Manikpur to Mahisikhata Chandiput Section Baliganda Beat	Construction, Up-gradation and Maint. Of Forest Road(KM)	7	N 19 21 05.9 N 19 20 32.7	E 84 18 53 7 E 84 20 32.1
		Gothakeli to Dhepaguda Bhisimagiri Section Gothakeli Beat		7	N 19 22 01.6 N 19 22 04.7	E 84 25 30.7 E 84 21 47.7
		Gothakeli to Padarabadi Bhisimagiri Section Gothakeli Beat		6	N 19 22 01.6 N 19 19 56.9	E 84 25 30.7 E 84 23 10.5
Didipadar Chandiput Section Baliganda Beat	CauseWay	1	N 19 21 08.84	E 84 19 27.40		
23	Jharsuguda	Rampur	Forester Qtr	1	21- 48- 04.96	83- 55- 13.47
		Belpahar Section	Forester Qtr	1	21-29-40.75	83-30-11.52
		Lakhanpur Section	Forester Qtr	1	21-45-19	83-46-48
		Tilia	Forest Guard Quarter	1	21-38- 26.15	83- 55-48.82
		Brajrajnagar	Seizure Yard	1	21- 51- 22.22	83-55- 09.89
		Brajrajnagar	Culvert	1	21- 52- 10.71	83- 52-12.98
		Brajrajnagar	Causeway	1	21-51-44.88	83- 52- 24.57
	ANNUAL PLAN OF OPERATION 2022-23	Motijharan RF Near Deer Park	Range office	1	21 28 21.44	83 59 42.18
		Motijharan RF Near Deer Park	Range Officers Residence	1	21 28 21.44	83 59 42.18

24	Sambalpur	Jampali Section	Forester Quarter	1	N-21-25- 47.0	E-83-56-34.5
		Budharaja Section	Forester Quarter	1	N-21-29-00.90	E-83-58-50.12
		Basiapada Section	Forester Quarter	1	N-21-18-10.13	E-84-3-48.03
		Megpal Section	Forester Quarter	1	N-21-20-56.17	E-84-14-40.92
		Budharaja Beat	Forest Guard Quarter	1	N-21-29-00.90	E-83-58-50.12
		Kumbher Beat	Forest Guard Quarter	1	N-21-19-7.82	E-84-5-59.56
		Tamparsingha Beat	Forest Guard Quarter	1	N-21-19-17.36	E-84-15-38.84
		Megpal West Beat	Forest Guard Quarter	1	N-21-20-56.17	E-84-14-40.92
		Jujomura Section	Seizure Yard	1	N-21- 14- 26	E-84- 08- 15
		Chhamunda to Jamtal	Forest Road Maint.	4	N-21-20- 0.73	E-84-10- 7.18
		Chhamunda to Ladladi	Forest Road Maint.	2	N-21-21- 11.61	E-84-11- 28.04
		Bhimkhoj-Chammunda	Forest Road Maint.	2	N-21- 18- 41.83	E-84- 8- 1.9
		Kolgaon to Tabloi	Forest Road Maint.	7	N-21 11 08.30	E-83 59 39.27
		Kolgaon to Ludhaguda	Forest Road Maint.	5	N-21 11 45.96	E-83 59 31.48
		Chhamunda to Jamtal Forest Road	Culvert	1	N-21-20-0.69	E-84-10-9.88
		Chhamunda to Jamtal Forest Road	Cause Way	1	N-21-20- 9.14	E-84-10- 54.92
		Chhamunda to Jamtal Forest Road	Cause Way	1	N-21-19- 40.59	E-84-10- 40.68
		Chhamunda to Jamtal Forest Road	Cause Way	1	N-21-20- 5.25	E-84-10- 58.48
		25	Rairakhol	Kudanali	Forest Guard Quarter	1
Panunali	Forest Guard Quarter			1	21 15 20.91	84 37 44.47
Jamujori	Forest Guard Quarter			1	21 14 22.85	84 42 35.16
Koing	Forest Guard Quarter			1	21 08 15.87	84 36 33.25
Talanali	Forest Guard Quarter			1	21 06 36.49	84 39 16.82
Dhunkchhali to Badmal	Cont. & Maint. Of Forest Road			10	21 05 58.83	84 23 25.21
Luhapank to Brahmani	Cont. & Maint. Of Forest Road			8	21 04 13.52	84 26 4.61
Barampura to Balat	Cont. & Maint. Of Forest Road			8	21 08 57.11	84 16 15.21
Charmal to Balikiari	Cont. & Maint. Of Forest Road			1	21 08 48.46	84 14 38.61
Kuakhhol to Bhatra	Cont. & Maint. Of Forest Road			1	21 03 46.69	84 08 59.97
Kudanali to Chadchadi	Cont. & Maint. Of Forest Road			12	21 07 46.23	84 38 56.87
Kuakhhol to bhatra	Cont. & Maint. Of Forest Road			4	21.04 0617	84.17477
Mochibahal to Badmal	Cont. & Maint. Of Forest Road			7	21 07 56.06	84 06 58.05
Punjipather to Bhaluchua	Cont. & Maint. Of Forest Road			8	21 04 05.08	84 06 10.07
Kuakhhol to bhatra	Cont. & Maint. Of Forest Road			2	21 03 59.5	84 07 42.4
Mochibahal to Talab	Cont. & Maint. Of Forest Road			9	21 09 47	84 05 54
Dhunkchhali to Badmal Forest Road- Redhakhhol	Culvert			1	21 06 00.91	84 23 39.3
Charmal to Balikiari	Culvert			1	21 08 37.96	84 14 23.84
Kudanali to Chadchadi	Culvert			1	21 08 04.86	84 39 18.82
Kudanali to Chadchadi	Culvert			1	21 08 31.39	84 40 32.63
Kudanali to Chadchadi	Culvert			1	21 08 55.29	84 41 21.95
Kudanali to Chadchadi	Culvert			1	21 08 55.17	84 41 24.58
Kudanali to Chadchadi	Culvert			1	21 09 01.61	84 41 34.45
Punjipather to Bhaluchua	Culvert	1	21 02 40.3	84 03 33.5		
Dhunkchhali to Badmal	Causeway		21 06 22.05	84 25 27.83		
Dhunkchhali to Badmal	Causeway	3	21 06 21.42	84 25 30.14		

		Dhunkchhali to Badmal	Causeway		21 06 10.73	84 26 01.86
		Luhapank to Brahmani	Causeway	3	21 04 25.71	84 26 17.45
		Luhapank to Brahmani	Causeway		21 04 44.43	84 26 24.08
		Luhapank to Brahmani	Causeway		21 05 24.85	84 26 11.73
		Barampura to Balat	Causeway	4	21 10 15.73	84 17 23.98
		Barampura to Balat	Causeway		21 09 31.23	84 17 25.98
		Barampura to Balat	Causeway		21 09 10.58	84 19 26.51
		Barampura to Balat	Causeway		21 11 03.95	84 17 30.68
		Charmal-Balikiari Forest Road	Causeway	2	21 08 42.69	E84 15 03.81
		Kudanali - Chadchadi Forest Road-Naktideul	Causeway	1	21 10 51.15	84 44 00.2
		Kudanali - Chadchadi Forest Road-Naktideul	Causeway	1	21 07 56.99	84 39 01.92
		Kudanali - Chadchadi Forest Road-Naktideul	Causeway	1	21 08 06.42	84 39 21.89
		Kudanali - Chadchadi Forest Road-Naktideul	Causeway	1	21 07 57.02	84 39 01.68
		Kudanali - Chadchadi Forest Road-Naktideul	Causeway	1	21 08 35.73	84 40 14.08
		Kudanali - Chadchadi Forest Road-Naktideul	Causeway	1	21 08 37.42	84 40 20.52
		Kudanali - Chadchadi Forest Road-Naktideul	Causeway	1	21 08 45.05	84 41 11.83
		Kudanali - Chadchadi Forest Road-Naktideul	Causeway	1	21 09 03.32	84 41 42.41
		Mochibahal to Badmal - Badmal	Causeway	1	21 09 29.5	84 09 16.4
26	Bargarh	Padampur	Forester Quarter	1	N20 59 54.6	E83 03 40.7
		Paikmal	Forester Quarter	1	N20°55' 01.0"	E82°48' 57.4"
		Talgaon	Forest Guard Qrs	1	E21.14109500	N83.67316500
		Turum	Forest Guard Qrs	1	E21.112705	N 83.83627
		Jagdapur	Forest Guard Qrs	1	N21 07 41.2	E82 56 22.0
		Ledrapali	Forest Guard Qrs	1	N20 52 15.4	E83 04 53.9
		Palsada	Forest Guard Qrs	1	N20 59 54.4	E82 58 35.0
		Paikmal	Seizure Yard	1	N20°55' 02.5"	E82°48' 57.4"
		Nrusinghnath to Kapildhar	Repair of Forest Road	2	N20 53 40	E082 50 15
		Dudukijharia to Bolangir border	Repair of Forest Road	2	20.709308	82.742638
		Mahulpali	Forester Quarter	1	21.86311389	84.41108333
		Uparmunda	Forester Quarter	1	21.26838056	84.54493611
		Gardega	Forest Guard Quarter	1	22.06673611	84.40118611
		Niktimal	Forest Guard Quarter	1	21.97313889	84.39143056
		Kholbilung	Forest Guard Quarter	1	21.99015	84.48550278
		Kichinda	Forest Guard Quarter	1	22.03436667	84.48585556
		Badmundaloi	Forest Guard Quarter	1	21.71729722	84.51903889
		Tabalakata	Forest Guard Quarter	1	21.69879167	84.38285833
		Betjharan	Forest Guard Quarter	1	21.92565556	84.48140556
		Kusumi	Forest Guard Quarter	1	21.76452778	84.52435833
		Bamandagarh	Forest Guard Quarter	1	21.67625	84.45856667
		Chhemda	Forest Guard Quarter	1	21.52791111	84.37035278
		Kenadhipa	Forest Guard Quarter	1	21.64360833	84.2378
		Badlangabahal	Forest Guard Quarter	1	21.57098611	84.35343056
		Phatamunda	Forest Guard Quarter	1	21.69339444	84.23273889
		Kulundi	Forest Guard Quarter	1	21.44405833	84.19341944

Gariabahal	Forest Guard Quarter	1	21.37139167	84.30008611
Padhanpali	Forest Guard Quarter	1	21.55326667	84.17944444
Odsung	Forest Guard Quarter	1	21.55856944	84.225775
Kanchanpur	Forest Guard Quarter	1	21.30937222	84.4174
Gantab	Seizure Yard	1	21.49433333	84.30036111
Ghunghuti to Kholbilung	Culvert	1	21.91331667	84.38028889
Niktimal to Jarabaga	Culvert	1	21.96204722	84.40423333
Niktimal to Uttargaon	Culvert	1	21.96138889	84.41170278
Dangapal to Binjipali	Culvert	1	21.63184444	84.21666667
Badrama -Bhutel Forest Road (Kathapulia)	Culvert	1	21.44653056	84.31575278
Tambabahal Ring Road	Culvert	1	21.45405278	84.29884167
Kisinda - Barkachhar	Culvert	1	21.37994167	84.32944722
Barkachha(near waterbody)	Culvert	1	21.37788611	84.335475
Kuladera to Kichinda	Causeway	1	22.03086111	84.42641667
	Causeway		22.03102778	84.42636111
Badbahal-Laimura	Causeway	1	21.74563889	84.62095
Jharpur to Laimura	Causeway	1	21.61323889	84.52129444
Jharpur to Laimura	Causeway	1	21.61429444	84.52747222
Dangapal to Binjipali	Causeway	1	21.62804444	84.20999444
Dangapal to Binjipali	Causeway		21.62788889	84.209975
Padhandarha	Causeway	1	21.42482222	84.31659722
Podadihi Kulthakani Nala	Causeway	1	21.44453611	84.38016667
Pathuria Katangaberna Nala	Causeway	1	21.46088611	84.3829
Titobahal Forest Road	Causeway	1	21.55677222	84.225775
Titobahal Forest Road	Causeway	1	21.55418333	84.23241667
Pathuria Jhankarbuda Nala	Causeway	1	21.47991667	84.364525
Podadihi Sargibahal Nala	Causeway	1	21.45667778	84.39276389
Argen Khaliakani Nala	Causeway	1	21.49476389	84.34213611
Badrama-Kutab	Causeway	1	21.46930556	84.30591667
Badrama-Bhutel Forest Road	Causeway	1	21.46758611	84.30496389
Badrama-Bhutel Forest Road near farm pond	Causeway	1	21.44257778	84.30879722
Tower No-2	Causeway	1	21.44275	84.31191944
Tower No-1	Causeway	1	21.45366389	84.29939444
Badrama-Bhutel Forest Road near Udsura	Causeway	1	21.42658056	84.31641389
Badrama-Bhutel Forest Road near Petantangar	Causeway	1	21.42495833	84.316625
Badrama-Bhutel Forest Road near Saypara	Causeway	1	21.42424167	84.31807778
Kutab-Nunvet near Badibahal	Causeway	1	21.43008889	84.29469444
Ballam Khalasuni Forest road	Causeway	1	21.34021111	84.483225
Kisinda Barakachha Forest Road	Causeway	1	21.37695278	84.336025
Dhodrokusum to Khajuria	Const. & Maint. Of Forest Road	20	21.31'40"	83.45'35"
Dhodrokusum to Chourasimal	Const. & Maint. Of Forest Road	20	21.30'7"	83.46'17"
Khajuria to Patheidurga	Const. & Maint. Of Forest Road	14	21.37'44.8"	83.40'26.7"
Mendhapali to Khajuria	Const. & Maint. Of Forest Road	11	21.36'15.1"	83.36'57.5"
Lakhanpur to Chakramal	Const. & Maint. Of Forest Road	3	21.38'34.0"	83.38'49.8"

Lakhanpur to Khola	Const. & Maint. Of Forest Road	5	21.33'48.8"	83.38'37.3"
Lakhanpur to By-Pass	Const. & Maint. Of Forest Road	2	21.41'51.2"	83.37'51.0"
Khola to Kurumkel	Const. & Maint. Of Forest Road	3	21.30'46.9"	83.45'43.8"
Pattaguda to Patheidurga	Const. & Maint. Of Forest Road	3	21.30'3.8"	83.42'10.1"
Chourasimal to Lakhanpur	Const. & Maint. Of Forest Road	19	21.32'25.9"	83.45'14"
Rengali Beat to Bhuliadihi Beat-2 nos.	Culvert	1	21° 28' 27.3"	83° 38' 35.8"
	Culvert	1	21° 28' 40.7"	83° 37' 43.1"
Dhodrokusum to Mendhapali Forest Road-1 no.	Culvert	1	21° 39' 20.4"	83° 39' 44.9"
Khola to Kurumkel Forest Road-3 nos.	Culvert	1	21° 41' 48.8"	83° 38' 33.4"
	Culvert	1	21° 41' 46.9"	83° 38' 41.4"
	Culvert	1	21° 41' 19.4"	83° 39' 39.2"
Dhodrokusum to Lakhanpur Forest Road- 8 nos.	Causeway	1	21° 33' 19.9"	83° 44' 59.1"
	Causeway	1	21° 33' 22.8"	83° 44' 57.7"
	Causeway	1	21° 33' 53.4"	83° 44' 50.1"
	Causeway	1	21° 35' 23.8"	83° 44' 12.9"
	Causeway	1	21° 35' 39"	83° 44' 5.6"
	Causeway	1	21° 35' 17"	83° 41' 31"
	Causeway	1	21° 35' 39"	83° 41' 46"
	Causeway	1	21° 34' 35"	83° 40' 44"
Dhodrokusum to Mendhapali Forest Road-13 nos.	Causeway	1	21° 29' 59"	83° 46' 17.3"
	Causeway	1	21° 29' 30.2"	83° 46' 23.1"
	Causeway	1	21° 29' 4.1"	83° 45' 54.3"
	Causeway	1	21° 29' 1.4"	83° 45' 0.2"
	Causeway	1	21° 29' 2"	83° 45' 0"
	Causeway	1	21° 28' 59"	83° 44' 56"
	Causeway	1	21° 29' 19"	83° 43' 41"
	Causeway	1	21° 29' 55"	83° 42' 24.6"
	Causeway	1	21° 29' 55.3"	83° 42' 23.9"
	Causeway	1	21° 30' 1.5"	83° 40' 30.1"
	Causeway	1	21° 29' 59.5"	83° 40' 21.5"
	Causeway	1	21° 29' 52.6"	83° 39' 59.6"
	Causeway	1	21° 28' 30.3"	83° 38' 10.8"
	Khola to Kurumkel Forest Road-9 nos.	Causeway	1	21° 41' 8.2"
Causeway		1	21° 41' 51.2"	83° 37' 51.23"
Causeway		1	21° 41' 52.1"	83° 38' 15.5"
Causeway		1	21° 41' 42.2"	83° 38' 57.2"
Causeway		1	21° 41' 28.4"	83° 39' 14.1"
Causeway		1	21° 41' 10.2"	83° 39' 56.1"
Causeway		1	21° 41' 6.5"	83° 39' 0.5"
Causeway		1	21° 41' 3.9"	83° 40' 5.4"
Causeway		1	21° 40' 53.2"	83° 40' 13.2"
Mendhapali Forest Road-4 nos.	Causeway	1	21° 30' 51.4"	83° 36' 52.1"
	Causeway	1	21° 31' 23"	83° 35' 43.8"
	Causeway	1	21° 31' 21"	83° 34' 23"

			Causeway	1	21° 31' 47"	83° 32' 53"
29	Sundargarh	Sanpatrapali	Forester Quarter	1	22.166192	84.02478
		Subdega	Forester Quarter	1	22.17253	84.06221
		Subdega	Forest Guard Quarter	1	22.17124	84.06222
		Jamkani	Forest Guard Quarter	1	N22 06 13.4	E83 34 49.6
		Kanika	Forest Guard Quarter	1	21.8794167	83.7395556
		Purna	Forest Guard Quarter	1	21.8656250	83.6406944
		Beheramunda	Forest Guard Quarter	1	21.8830139	83.6024444
		Dalkijharan to Gundiadihi	Const. & Maint. Of Forest Road	2	22.152759	83.842924
		Dalkijharan to Gundiadihi	Causeway	2	22.152759	83.842924
		Keseijharan to Masabira	Culvert	2	22.204274	83.701579
30	Rourkela	Barsuan to Matkumjharan	Culvert	1	N22 13 53.8	E85 01 45.0
		Barsuan to Matkumjharan	Causeway	1	N22 24 27	E85 00 50
		Rajgangpur Range at Malidihi	Seizure Yard	1	N22.134863	E84.628788
		Banki Range	Seizure Yard	1	22.09 5012	84. 88 8840
31	Bonai	Ramchhinda	Forester Quarter	1	N21.8252	E84.675
		Kunjar	Forester Quarter	1	N21.888	E84.615
		Kundheidiha	Forest Guard Quarter	1	N21.797	E84.693
		Khajuribahal	Forest Guard Quarter	1	N21.688	E84.896
		Derula	Forest Guard Quarter	1	N21.654	E85.132
		Tikayatpali	Forest Guard Quarter	1	N21.703	E85.890
32	Deogarh	Iaimura	Forester Quarter	1	N 21 41 39.9	E 84 40 14.0
		Chatibarghat	Forest Guard Quarter	1	N 21 31 28.6	E 84 42 38
		Kalamati	Forest Guard Quarter	1	N 21 30 14.7	E 84 48 15.2
		Chasagurjanga beat	Forest Guard Quarter	1	N 21.445053	E 85.087593
		Kaliapal beat	Forest Guard Quarter	1	N 21.536518	E 85.087593
		Nuagaon beat	Forest Guard Quarter	1	N 21.497465	E 85.8790454
		Khamar section	Seizure Yard	1	N 21 15 58.60	E 85 11 10.47
		Chhuriabahal to Tusula	Const. & Maint. Of Forest Road	19	21.5236	84.8456
		Kaliapal to Jalisuan	Const. & Maint. Of Forest Road	7	21.5782	85.064
		Bamparada to Netrabahal	Const. & Maint. Of Forest Road	1.4	21.4881	85.1052
		Saruali to Autal	Const. & Maint. Of Forest Road	4.6	21.5276	85.1762
		Iaimura to Badbahal Forest Road	Const. & Maint. Of Forest Road	4	21.7177	84.6627
		Tusala to Parposi	Const. & Maint. Of Forest Road	4	21 36 26.1	84 38 29.3
		Saruali to Autal	Culvert	1	N 21 32 54.78	E 85 10 50.09
		Chhuriabahal to Tusula	Culvert	1	N 21 33 42.697	E 84 48 02.328
		Kaliapal to Jalisuan	Culvert	1	N 21 .570544	E 85.045627
Chhuriabahal to Tusula	Causeway	4	N 21 33 42.697	E 84 48 02.328		
[386]		Nalda	Forester Quarter	1	22.16241667	85.40817778
		Haramatha	Forest Guard Quarter	1	22.05676111	85.289275
		Purusottampur	Forest Guard Quarter	1	22.08820556	85.57796389
		Raghunathpur	Forest Guard Quarter	1	21.600575	85.72860278
		Dhanurjayapur	Forest Guard Quarter	1	21.80777778	85.50583333
		Joda	Forest Guard Quarter	1	22.02179167	85.42263611

33	Keonjhar	Bonika	Forest Guard Quarter	1	21.81352778	85.68591667
		Bhimakunda - Baiganpal Forest Road	Const. & Maint. Of Forest Road	6	21.5357861	85.9926944
		Sunariposi to Kuntaposi Forest Road	Const. & Maint. Of Forest Road	2	21.3752778	85.7522222
		Kadabahali to Baiganpal Forest Road	Const. & Maint. Of Forest Road	5	21.4160833	86.0031389
		Ranibeda-Karamangi Forest Road	Const. & Maint. Of Forest Road	7	21.17666667	85.46722222
		Tando - Banamahuladiha Forest Road	Culvert	1	21.53163889	85.99033056
		Bhimakunda - Baiganpal Forest Road	Culvert	1	21.52412778	85.95508611
		Bhimakunda - Baiganpal Forest Road	Causeway	1	21.53578611	85.99269444
		Bhimakunda - Baiganpal Forest Road	Causeway	1	21.54151944	85.98445556
		Bhimakunda - Baiganpal Forest Road	Causeway	1	21.54353333	85.97699722
		Circle Total-				
34	Baripada	Manchabandha	Forester Quarter	1	N21.55 31	E86.44 13
		Dukura	Forester Quarter	1	N21.796322	E86.61494
		Betnoti	Forester Quarter	1	N21.659170	E86.904336
		Nuagaon	Forest Guard Quarter	1	N22 10 29.0	E86 38 58.0
		Salmunduli	Forest Guard Quarter	1	N21.594405	E86.503218
		Belakuti	Forest Guard Quarter	1	N21.666558	E86.708295
		Moroda	Forest Guard Quarter	1	N21 50 47.5	E86 59 30.8
		GaonAmarda	Forest Guard Quarter	1	N21 49 22.0	E87 06 12.0
		Kanchhinda	Forest Guard Quarter	1	N22.186884	E86.462238
		Chhancha	Seizure Yard	1	N21. 911848	E86.767899
		Sarat	Seizure Yard	1	N21 26 23.8	E86 20 25.8
35	Karanja	Kadadiha Section office	Forester Qtrs.	1	21.7420333	86.0401449
		Baliposi Section Office	Forester Qtrs.	1	21.5575	86.06972
		Champajhar Section Office	Forester Qtrs.	1	21.48952	86.24491
		Godhimara Nursery	FG Qtr of Bhramarposi Beat	1	21.5605	85.5516
		Karanja R.O.Campus	FG Qtr of Baddeuli Beat	1	21.765755	85.97697
		Karanja R.O.Campus	FG Qtr of Manikduma Beat	1	21.765702	85.976869
		Kendumundi	FG Qtr of Kendumundi	1	21.86166	86.103055
		Mituani	FG Qtr. of Mituani	1	21.54355	86.19619
		Satkosia Range Office	Seizure Year	1	21.366666	86.15472222
36	Rairangpur	Hatbadra Section Office Campus	Forester Quarter	1	22 11 06.1	86 06 56.2
37	Balesore WL	Kuldiha	Forester Qtr.	1	21.427556	86.648083
		Balasore	Forester Qtr.	1	21.477598	86.906867
		Taradabadhia (Kasafal)	Forest Guard Qtr.	1	21.526955	87.150416
		Jamudiha	Forest Guard Qtr.	1	21.26782	86.41321
		Chekamara	Forest Guard Qtr.	1	21.480167	86.685222
		Purunapani	Forest Guard Qtr.	1	21.40634	86.5435
		Chemchata	Forest Guard Qtr.	1	21.42163	86.53056
		Inside Kuldiha Sanctuary	Cont. & Maint. Of Forest Road	75	21.430361	86.648556
		Ghusuria Nallah	Culvert	1	21.439845	86.569402
		Raighati Nallah	Culvert	1	21.450556	86.564445
		Gandidhar Nallah	Causeway	1	21.417972	86.608139

Sarbana Nallah	Causeway	1	21.443056	86.646111
Duluka Nallah	Causeway	1	21.421389	86.646112
Gayalamunda Nallah	Causeway	1	21.415278	86.642778
Gajamba Nallah	Causeway	1	21.461389	86.570833
Nawana North WL Range	Range Officers Residence	1	21.89686111	86.37986111
Bahaghar Section	Forester Quarter	1	21.51583333	86.24583333
Mandaljhari Section	Forester Quarter	1	21.62322222	86.28086111
Ranipat (Barakamuda)	Forester Quarter	1	21.80388889	86.10802778
Karkachia Section	Forester Quarter	1	21.96916667	86.29277778
Rajpal Section	Forester Quarter	1	21.92916667	86.24944444
Purunapani Beat	Forest Guard Quarter	1	21.57405556	86.25427778
Bankidihi Beat	Forest Guard Quarter	1	22.06111111	86.21197222
Talabandha-I I Beat	Forest Guard Quarter	1	22.035501	86.318551E
Kanchinda Beat	Forest Guard Quarter	1	22.08991667	86.44413889
Dudhiani (Pahadpur)	Forest Guard Quarter	1	21.80002778	86.17369444
Budhigan	Forest Guard Quarter	1	21.76536111	86.17369444
Kendumundi- I (Gambharigandi)	Forest Guard Quarter	1	21.65772222	86.18172222
Tamalbandh beat	Forest Guard Quarter	1	22 01 26.3	86 91 33.4
Barehipani-I Beat	Forest Guard Quarter	1	21 56'36.4"	86 19'7.2"
Jodadiha Beat	Forest Guard Quarter	1	21 58 02.2	086 18 07.1
Barehipani Core Beat	Forest Guard Quarter	1	21 56 30.0	086 21 46.0
Kuanribil Beat	Forest Guard Quarter	1	21.85463889	86.29575000
Kendumundi Range	Seizure Yard	1	21 41 12.0	086 06 23.0
Barehipani WL Range area	Seizure Yard	1	21 56 53.3	086 20 51.7
Thakurmunda (WL) Range	Seizure Yard	1	21 31 21.37	86 09 31.72
Talabandha WL Range	Seizure Yard	1	22 01 45.5	86 20 38.0
Chahala WL Range	Seizure Yard	1	21 59 08.8	086 17 34.6
Nawana (North) WL Range	Seizure Yard	1	21 53 39.4	086 22 33.6
Gurguria WL Range	Seizure Yard	1	21 56 46.7	086 04 15.5
Tulsibani Badghati	Cont. & Maint. Of Forest Road	17.5.	21.96863889	86.15172222
Machinenala to Hata chhaka	Cont. & Maint. Of Forest Road	3	21.95152778	86.34119444
Kolha Ridge to Barehipani Hata Chhaka	Cont. & Maint. Of Forest Road	14	21.30297222	86.44266667
Kolha Ridge to Bandirabasa	Cont. & Maint. Of Forest Road	10	21.30297222	86.44266667
Bandirabasa to Lembugoda	Cont. & Maint. Of Forest Road	5	21.89143889	86.32788889
Baunskhal chhaka to Pandabandha chhaka	Cont. & Maint. Of Forest Road	10	21.94908333	86.48969444
Pandabandha chhaka to Nigirdha gate	Cont. & Maint. Of Forest Road	4	21.90775000	86.44683333
Khadkei to Baunskhal	Cont. & Maint. Of Forest Road	6	21.95147222	86.45286111
Thakuarni ghati to Bhandadhar	Cont. & Maint. Of Forest Road	4	21.91969444	86.47041667
Bhandadhar to Panasia chhaka	Cont. & Maint. Of Forest Road	5	21.90213889	86.46327778
Pandabandha chhaka to Chakidi-ii border	Cont. & Maint. Of Forest Road	5	21.94427778	86.44063889
Pandabandha ring Road	Cont. & Maint. Of Forest Road	2	21.93638889	86.43516667
Chakidi-II border to Kusumbani	Cont. & Maint. Of Forest Road	6	21.97272222	86.42783333
Kusumbani chhaka to Bhatunia nadi	Cont. & Maint. Of Forest Road	8	21.96738889	86.39436111
Baunskhal chhaka to Palatiki	Cont. & Maint. Of Forest Road	4	21.95069444	86.48441667

Gitilpidi chhaka to Joranda fall view	Cont. & Maint. Of Forest Road	6	21.92186111	86.40050000
Joranda ring Road	Cont. & Maint. Of Forest Road	8	21.93655556	86.39397222
Sarujagda	Culvert	1	21.91250000	86.40080556
Gandhamadan nala(SL-5)	Culvert	1	21 36 38	86 16 24
Amba nala (SL-5)	Culvert	1	21 36 40	86 16 35
Meraldalang, Matighati road	Causeway	1	21.92500000	86.36972222
Bachamghutu-I, Matighati road	Causeway	1	21.93222222	86.36500000
Bachamghutu-ii, Matighati road	Causeway	1	21.93444444	86.36472222
Fall view road-i	Causeway	1	21.93611111	86.36972222
Bachamghutu-iii, Matighati road	Causeway	1	21 56'08"	086 22'56"
ambabanka	Causeway	1	21 58 25.6	86 18 52.7
khadiabasa nala	Causeway	1	21 57 55.7	86 18 10.6
Fall view road-i	Causeway	1	21 56'10"	086 22'11"
Fall view road-ii	Causeway	1	21 56'12"	086 22'10"
Near Badkudar polia, Matighati road	Causeway	1	21 55'4"	086 22'38"
Matighati phone point, Matighati road	Causeway	1	21 55'15"	086 22'26"
bhugdabanka	Causeway	1	21 57 36.1	86 18 11.2
jodinala	Causeway	1	21 57 57.3	86 18 10.0
potapolia nala	Causeway	1	21 59 12.7	86 16 44.5
Birubasa ring Road nala	Causeway	1	21 55 34.7	86 23 23.9
Kudada nala	Causeway	1	21 56 11.0	86 23 26.9
Dhudruuli	Causeway	1	21 55 48.8	86 23 51.4
Lokeuli	Causeway	1	21 57 03.4	86 25 01.4
Baruladam	Causeway	1	21 57 49.9	86 25 27.2
Suni amba	Causeway	1	21 55 0.3	86 28 18.6
Pandabandha chhaka	Causeway	1	21 55 36.8	86 26 45.4
Jiling ghati	Causeway	1	21 54 42.0	86 26 44.7
Barubanka	Causeway	1	21 54 17.0	86 28 09.4
Sarujagda	Causeway	1	21 54 45.0	86 24 02.9
Karkatbeda Forest Road	Causeway	1	21 34 37	86 13 28
Karkatbeda Forest Road	Causeway	1	21 34 37	86 13 30
Karkatbeda Forest Road	Causeway	1	21 34 49	86 13 31
Karkatbeda Forest Road	Causeway	1	21 34 52	86 13 31
Satari gharo (TL-10)	Causeway	1	21 35 9	86 11 50
Pacheri pahad (TL-10)	Causeway	1	21 35 46	86 12 59
Gitil lahar (TL-10)	Causeway	1	21 33 1	86 11 48
Ghadabindha (TL-10)	Causeway	1	21 34 52	86 11 45
Kendu nala	Causeway	1	21 2933	86 14 46
Near Champa dara	Causeway	1	21 49 53.2	86 15 5.0
Baghia Chuanala	Causeway	1	21 50 27.4	86 14 58.5
Near Pata sahi	Causeway	1	21 5018.5	86 15 4.4
Laxman Bhandar	Causeway	1	21 49 38.7	86 14 56.2
Near Kusumi	Causeway	1	21.83844444	86.25116667
Birubasa ring Road nala	Causeway	1	21 55 34.7	86 23 23.9

		Kudada nala	Causeway	1	21 56 11.0	86 23 26.9
		Dhudruuli	Causeway	1	21 55 48.8	86 23 51.4
		Lokeuli	Causeway	1	21 57 03.4	86 25 01.4
		Baruladam	Causeway	1	21 57 49.9	86 25 27.2
		Suni amba	Causeway	1	21.91675000	86.47183333
		Pandabandha chhaka	Causeway	1	21.92688889	86.44594444
		Jiling ghati	Causeway	1	21.91166667	86.44575000
39	Similipal South Wildlife	Bhanjabasa	Range Office Building	1	21 36 10.03	86 22 31
		Dukura	Range Officers Residence	1	21 47 15.03	86 39 39.8
		Khejuri	Forester Quarter	1	21 48 20.08	86 18 35.01
		Jodapal	Forester Quarter	1	21 46 13.02	86 24 3.9
		Ghaghara	Forester Quarter	1	21 33 13.02	86 21 18.02
		Pokharibadi	Forester Quarter	1	21 42 13.08	86 16 8.05
		Nuagaon	Forester Quarter	1	21 42 52.02	86 18 10.8
		Khandachira	Forest Guard Quarter	1	21 63 24.37	86 47 16.62
		Andharitotta-1	Forest Guard Quarter	1	21 50 55.03	86 29 30.09
		Namti-II	Forest Guard Quarter	1	21 55 58	86 32 6.01
		Gurandia-II	Forest Guard Quarter	1	21 46 6.07	86 20 45
		Mathashila	Forest Guard Quarter	1	21 36 36.1	86 20 43.04
		Namiadanda	Forest Guard Quarter	1	21 42 56.8	86 11 19.1
		Paniaoula	Forest Guard Quarter	1	21 38 0.3	86 28 19
		Dukura	Seizure Yard	1	21 47 15.03	86 39 39.08
		Dhudruchampa	Seizure Yard	1	21 49 38.06	86 24 41.06
		40	Keonjhar WL	Zero point Hadagarh to Chancalapada	Maintn. Of Forest Road	3
Zero point Hadagarh to Fulajhara	Maintn. Of Forest Road			4	21.305833	86.308055
Sajanapal- Bahia Chhenapadi	Maintn. Of Forest Road			10	21.224444	86.235833
Pitanau Check Gate to Chaturisahi Camp Shad	Maintn. Of Forest Road			2	21.271111	86.223611
Masaghati Village to Campshad at- Masaghati	Maintn. Of Forest Road			1	21.320816	86.227255
Sajanapal to Chakrathitha Forest Road	Maintn. Of Forest Road			2	21.253333	86.247222
On Raighati to K.balipal Forest Road over 10Km	Culvert			7	21.325812	86.334238
	Culvert				21.329117	86.335995
	Culvert				21.330279	86.333278
	Culvert				21.330139	86.334134
	Culvert				21.337979	86.215977
	Culvert				21.339059	86.306835
	Culvert				21.337964	86.311049
On Zero point Hadagarh to Fulajhara Village forest Road	Culvert			3	21.300555	86.300154
	Culvert				21.306467	86.307932
	Culvert				21.273687	86.297534
On Raighati to K.balipal Forest Road over 10Km	Cause Way			8	21.348657	86.334710
	Cause Way				21. 319445	86.336167
	Cause Way				21.324605	86.334417
	Cause Way				21.339373	86.305414
	Cause Way	21.339544	86.304543			

			Cause Way		21.340962	86.302697
			Cause Way		21.341591	86.298881
			Cause Way		21.338022	86.322911
		On Sajanapal Daliki Forest road near Daliki	Cause Way	3	21 18 44.95	86 15 2.38
			Cause Way		21 18 53.90	86 15 40.12
			Cause Way		21 19 2.54	86 16 12.39
		On Sajanapal-Bahia- Chhenapadi Forest Road	Cause Way	5	21.228749	86.23264
			Cause Way		21.226827	86.235661
			Cause Way		21.233175	86.228297
			Cause Way		21.234969	86.227445
			Cause Way		21.236925	86.226364
		Zero point Hadagarh to Fulajhara Village forest Road	Cause Way	2	21.306467	86.307932
			Cause Way		21.306398	86.311209
		Gayalamunda to Hatichapal Road over 8 Km.	Cause Way	1	21.41494	85.08417
41	Kalahandi North	Narla	Range Office	1	N20 03 24	E83 22 25
		Daspur	Forester Qtr.	1	N19 57 49.5	E82 51 56.6
		Mudis Forest Guard Quarter at Jamuli	Forest Guard Qtr.	1	N20 17 00.2	E83 42 11.0
		Juger Forest Quarter at Manikera	Forest Guard Qtr.	1	N20 16 08.0	E83 37 35.0
		Araskupa to Borighat	Cont. & Maint. Of Forest Road	5	N20 16 45.0	E83 35 42.0
		Urladani to Mohangri	Cont. & Maint. Of Forest Road	3	N20 09 11.2	E83 41 37.2
		Kashrupada to Salling Forest Road near village Singhjharan	Cont. & Maint. Of Forest Road	4	N20 14 11.3	E83 17 23.2
		Kashrupada to Salling Forest Road near village Taprang	Cont. & Maint. Of Forest Road	4	N20 12 56.8	E83 19 20.4
		Sikuan to Ramchandrapur Forest Road	Culvert	1	N 20 05 06.0	E 82 58 15.0
42	Kalahandi South	Sikerkupa Lanjigarh Road	Forester Qtr.	1	N 19 56 35.3	E 83 24 08.5
		Saisurni	Forester Qtr.	1	N 19 36 30.74	E 83 8 15.87
		Koksara	Forester Qtr.	1	N 19 40 12.0	E 82 42 20.8
		Junagarh	Forester Qtr.	1	N 19 51 32.2	E 82 55 52.1
		Musanal (Dulma)	Forest Guard Qtr.	1	N 19 46 52.3	E 83. 18 45.3
		Musanal (Dhadel)	Forest Guard Qtr.	1	N 19 46 52.3	E 83. 18 45.3
		Kadamguda Trimuhi -A	Forest Guard Qtr.	1	N 19 67 74.9	E 83. 35 71.0
		Jaring	Forest Guard Qtr.	1	N 19. 53 30.8	E 83. 00 38.3
		Bondoguda	Forest Guard Qtr.	1	N 19. 50 39.1	E 83. 00 05.5
		Kiapadar-Banmalipur	Cont. & Maint. Of Forest Road	6	N 19 45 41.6	E 83 04 11.6
		Jakam-Karlapat	Cont. & Maint. Of Forest Road	9.5	N19 44 49.1	E83 06 33.1
		Birimuhan- Kutru	Cont. & Maint. Of Forest Road	10	N 19 44 58.9	E 83 13 10.3
		Sagada- Deodara	Cont. & Maint. Of Forest Road	9.5	N19 47 57.0	E83 06 37.0
		Biswanathpur	Range Office	1	N 19. 49 31.0	E 83. 25.46.0
		Banmalipur- Kiapadar	Causeway	2	N 19. 47 33.1	E 83. 03 07.9
43	Subarnapur	Singhasan RF	Causeway	1	N21.11015	E83.96609
		Patnagarh	Range Office	1	N20 42 27.4	E83 07 51.6
		Loisingha	Range Officers Residence	1	N20 51 08.8	E83 30 43.4
		Patnagarh	Range Officers Residence	1	N20.70742	E83.13093

44	Bolangir	Pandren Section of Pandren Village	Forester Qtr.	1	N20.449282	E82.788437
		Jubamal Section of Kandeil Village	Forester Qtr.	1	N20.38137	E82.74318
		Rengali (At Khaprakhol)	Forester Qtr.	1	N20.750707	E82.860376
		Gudighat	Forester Qtr.	1	N20 27 09.8	E83 03 00.1
		Lathore	Forester Qtr.	1	N20.627415	E82.765920
		Karlapita	Forest Guard Qtr.	1	N20 41 37.6	E83 19 58.0
		Ganjiapada Beat	Forest Guard Qtr.	1	N20.152476	E82.901538
		Jubamal Beat of Jubamal Village	Forest Guard Qtr.	1	N20.36170	E82.72861
		Pandren Beat of Pandren Village	Forest Guard Qtr.	1	N20.447215	E82.789178
		Kudasingha	Forest Guard Qtr.	1	N20.616351	E83.362527
		Brahmani (At Forest IB)	Forest Guard Qtr.	1	N20.849181	E82.863047
		Turla (At Forest IB)	Forest Guard Qtr.	1	N20.849115	E82.863203
		Ambahali (At Khaprakhol)	Forest Guard Qtr.	1	N20.750769	E82.860418
		Barla	Forest Guard Qtr.	1	N20 27 55.3	E82 44 36.6
		Mohanilaha	Forest Guard Qtr.	1	N20.564322	E82.825727
		Talbhata	Forest Guard Qtr.	1	N20.627002	E82.841065
		Dhaurakhaman	Forest Guard Qtr.	1	N20.616593	E82.82512
		Pandridungri	Forest Guard Qtr.	1	N20 55 01.7	E83 36 15.9
		Sankhua	Forest Guard Qtr.	1	N20 57 50.6	E83 29 41.8
		Nuniapali	Forest Guard Qtr.	1	N20 58 16.8	E83 25 49.3
		Satbahani	Forest Guard Qtr.	1	N20 22 34.2	E83 08 32.9
		Dengpadar	Forest Guard Qtr.	1	N20 21 51.7	E83 04 20.8
		Tikrapada Beat	Forest Guard Qtr.	1	N20 30 09.3	E83 07 53.3
		Larambha Beat	Forest Guard Qtr.	1	N20 50 14.2	E83 10 35.7
		Dumerjore	Forest Guard Qtr.	1	N20.54322	E83.26731
		Dabjori	Forest Guard Qtr.	1	N20.50211	E83.23231
		Dumberbahal (Siker Section Office Campus)	Forest Guard Qtr.	1	N20 20 22.8	E83 11 51.3
		Kandeil to Gaindimal Forest Road	Cont. & Maint. Of Forest Road	3	N20.425903	E82.752945
		Naikensira to Lamkani, Forest road	Cont. & Maint. Of Forest Road	1	N20.480105	E83.28475
		Naikensira to Lamkani, Forest road	Cont. & Maint. Of Forest Road	1	N20.506232	E83.321616
		Naikensira to Lamkani, Forest road	Cont. & Maint. Of Forest Road	1	N20.51845	E83.355242
		Naikensira to Lamkani, Forest road	Cont. & Maint. Of Forest Road	1	N20.518729	E83.362624
		Dhanpur to Thelkovella Forest Road	Causeway	3	N20.3889	E83.6498
		Siker-Gulmi Forest Road	Causeway	4	N20 21 39.8	E83 08 33.0
45	Khariar	Nangalbod	Forester Qtr.	1	20.0802626	82.4572598
		Boden	Forester Qtr.	1	20.24639	82.55806
		Ghatmal	Forest Guard Qtr.	1	20.07 39.4	82.26 37.8
		Pithapada	Forest Guard Qtr.	1	20.035842	82.700446
		Patialpada	Forest Guard Qtr.	1	20.022679	82.702843
		Badhunjore	Forest Guard Qtr.	1	20.1141899	82.7958984
		Nuamalpada/Koilakhala PRF	Culvert	1	20 02 19.0	82 30 08.0
		Kholi-Redhamal Forest Road	Culvert	2	20.37549 20.39081	82.54310 82.54665
		Nuamalpada/Koilakhala PRF	Causeway	1	20.01 56.0	82 30 28.0

		Tankamal/Koilakhala PRF	Causeway	1	20 03 52.0	82 28 26.0
		Kholi-Redhamal Forest Road	Causeway	1	20.39437	82.54819
		Dhobei Redhamal Forest Road.	Causeway	1	20.35167	82.53722
		Dhobei Redhamal Forest Road.	Causeway	1	20.34611	82.53611
		Tanwat to Kermili forest Ghat road	Cont. & Maint. Of Forest Road	1	20 44 22.74	82 31 57.88
46	Sunabeda WL	Godabhata to Gambharipani	Cont. & Maint. Of Forest Road	5	20.50583	82.46778
		Soseng to Deosil	Cont. & Maint. Of Forest Road	5	20.58778	82.46222
		Golabandh to Maraguda	Cont. & Maint. Of Forest Road	7	20.70944	82.46878
		Dharambandha to Lodra	Cont. & Maint. Of Forest Road	6	20.72333	82.41694
		Lodra Chhak to Godhus	Cont. & Maint. Of Forest Road	2	20.67897	82.43417
		Maraguda along Golabandh to Maraguda forest road	Culvert	1	20.70556	82.50861
		Katingpani along Lodra chhack to Katingpani forest road	Culvert	1	20.65929	82.42409
		Kurkuta along Jalmodei to Sunabeda forest road	Culvert	1	20.63778	82.46611
		Godhus nalla along Lodra chhck to Godhus forest road	Causeway	1	20.67346	82.44007
		Chuanpada along Katingpani to Chuanpada forest road	Causeway	1	20.66467	82.41523
		Sapura along Jalmodei to Sunabeda forest road	Causeway	1	20.63056	82.48389
		Gansanpada along Sunabeda to Gatibeda forest road	Causeway	1	20.51472	82.44333
		47	Rayagada	Gumma	Forester Qtr.	1
Khilamunda (Padmapur)	Forester Qtr.			1	19.258837	83.836012
Chandrapur	Forester Qtr.			1	19.644045	83.882276
Naira	Forest Guard Qtr.			1	19.303530	83.698080
Jayapanga	Forest Guard Qtr.			1	19.301930	83.773080
K. Singpur	Forest Guard Qtr.			1	19.508934	83.314176
Bhimpur-I	Forest Guard Qtr.			1	19.187862	83.945205
Hatikhamba	Forest Guard Qtr.			1	19.242430	83.575950
Dangasorada	Forest Guard Qtr.			1	19.604737	83.654687
Raghubari	Forest Guard Qtr.			1	19.835376	83.456021
Gumuda	Cont. & Maint. Of Forest Road			0.50	19.21697	83.77324
From CN K.Singpur to PWD Road	Cont. & Maint. Of Forest Road			0.50	19.420111	83.309852
Mirabali	Cont. & Maint. Of Forest Road			1.00	19.078162	83.534953
Tottaguda to Lelligumma	Cont. & Maint. Of Forest Road			4.00	19.188655	83.127491
Dongasil to Lelligumma	Cont. & Maint. Of Forest Road			8.00	19.248203	83.217887
48	Koraput	Deoghati	Forest Guard Qtr.	1	To be Submitted	
		Toyaput/Champi	Forest Guard Qtr.	1	To be Submitted	
		Manjariguda	Forest Guard Qtr.	1	N18.810450	E83.200840
		Semiliguda	Forest Guard Qtr.	1	N18.70478	E82.84431
		Nandapur	Forest Guard Qtr.	1	N18.563454	E82.738626
		Inside Central Nursery	Forest Guard Qtr.	1	N18.43202	E82.67663
		Ankadeli	Forest Guard Qtr.	1	N18.55169	E82.47450
		Narayanpatna to Daberi	Cont. & Maint. Of Forest Road	10	N18.884753	E83.173845
		Ambaguda to Paramjhola	Cont. & Maint. Of Forest Road	5	N18.962913	E83.176360
		Chidiwalsa to Kaspavalsa	Cont. & Maint. Of Forest Road	10	N18.791340	E83.258670

		Sakilova to Almonda	Cont. & Maint. Of Forest Road	4	N18.856920	E83.319670
		Chidiwalsa to Joykota	Cont. & Maint. Of Forest Road	6	N18.855558	E83.401842
		Rebatiguda to Andhra Border	Cont. & Maint. Of Forest Road	5	N18.853592	E83.400088
49	Jeypore	Dongerkarchi	Forester Qtr.	1	18.96958	82.66964
		Mohuli	Forest Guard Qtr.	1	18.76225	82.49164
		Ghasarda	Forest Guard Qtr.	1	18.80789	82.48466
		Chitikasil	Forest Guard Qtr.	1	19.11939	82.82561
50	Nabarangpur	Dongriguda (Malgam)	Forester Qtr.	1	N19.81495	E82.54163
		Jhitkuguda	Forest Guard Qtr.	1	N19.38753	E82.55386
		Hirapur FG Qtr.at Jamdora	Forest Guard Qtr.	1	N19.658287	E82.104138
		Naktisimada FG Qtr at Jodenga	Forest Guard Qtr.	1	N19.94753	E81.99050
		Aunil Beat at Maidalpur	Forest Guard Qtr.	1	N19.46958	E82.57503
		Maidalpur to Gudpanipadar Forest road	Culvert	2	N19.46706	E82.63631
51	Malkangiri	Phagurkonda	Forest Guard Qtr.	1	18.19843	81.76182
		Nuaguda	Forest Guard Qtr.	1	18.570134	82.151274
		Motu	Forest Guard Qtr.	1	17.87575	81.50308
		Korukonda	Forest Guard Qtr.	1	18.284638	81.979145
		Pandripani	Forest Guard Qtr.	1	18.441553	82.018367
		Gharsapally Forest Road	Culvert	3	17.833973	81.54655
					17.832185	81.547725
					17.83228	81.547286
		Tendrajally Forest Road	Culvert	2	17.91925	81.62549
Tendrajally Forest Road	Causeway	1	17.91691	81.62444		

Annexure III-XXXIX

Location wise details of Infrastructure Development under Wildlife

(i) Maintenance of Forest Road/Inspection path (unit cost @ Rs.0.69 lakh)							
SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In Kms.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
			Latitude	Longitude			
1	2	3			4	5	6
1	Satkosia WL	Majhipada-Kadalikhola Forest road	20.6371	84.7673	10	0.69	6.90
		Gohirapada - Kadalikhola	20.6763	84.7729	6	0.69	4.14
		Tikarpada - Katrang ghat	20.5932	84.8429	4	0.69	2.76
		Hatibari- Kandhaida Forest road	20.6163	84.8082	5	0.69	3.45
		Raigoda - Border	20.6165	85.0580	5	0.69	3.45
		Purunakote to Ganjani-damaka	20.6420	84.8564	6	0.69	4.14
		Tulka - 7 Ganjani-damaka to Tuluka	20.6175	84.9170	5	0.69	3.45
		Tulka - Sisupathar	20.5802	85.0044	6	0.69	4.14
		Tuluka to Chuanri Thakura	20.6048	84.9628	4	0.69	2.76
		Purunakote to Baghamunda	20.6471	84.8348	5	0.69	3.45
2	Mahanadi WL	Geregedi to Duising	20 35 51.93	84 48 25.70	6	0.69	4.14
			20 31 4.89	84 44 13.05			
		Gregedi to Idei	20 30 51.93	84 48 25.70	6	0.69	4.14
3	Dhenkanal	Sorisiapada to Bania	20-42-06.0	85-48-24.5	6	0.69	4.14
			20-42-00.4	85-50-54.5			
4	Balasore WL	Inside Kuldiha Sanctuary	N-21.467106°	E-86.778149°	35	0.69	24.15
5	Keonjhar (WL)	Gayalamund to Hatichapal	21° 24 1.1	86° 6 34.5"	10	0.69	6.90
		Chhenapadi to Sajanalpal	21 °12 55.7	86° 13 57.7"	10	0.69	6.90
		Pitanau to Dalki	21° 18 46	86 °14 56.9"	10	0.69	6.90
		Daitari to Bareigoda	21 °7 24.2	85° 39 58.4"	8	0.69	5.52
6	Similipal South	6nos camp to Sanpokhari Chhak	21°44'54.87"N	86°26'49.04"E	11	0.69	7.59
		Kulipal W.T to Charichhak Camp	21°43'8.10"N	86°25'49.60"E	11	0.69	7.59
		Sarabasa Chhak to Bhandhukata Chhak	21°44'7.69"N	86°23'3.94"E	7	0.69	4.83
		Sanpokhari Chhak to Jamuna Chhak	21°42'41.06"N	86°19'53.59"E	11	0.69	7.59
		Dove Chhak to Senichaturi	21°47'16.89"N	86°23'30.63"E	10	0.69	6.90
		Jamuna Chhak to Jamuna Camp	21°42'42.40"N	86°19'54.37"E	10	0.69	6.90
		Jamuna Chhak to Jampani	21°43'27.18"N	86°21'31.51"E	7	0.69	4.83
		Hatighar Chhak to Mahanta hana	21°44'11.20"N	86°19'59.40"E	5	0.69	3.45
		Hatighar chhak to Dhalamatia	21°44'8.88"N	86°21'19.53"E	11	0.69	7.59
		Gurandi to Sendhakila Chhak	21°46'6.81"N	86°20'45.72"E	11	0.69	7.59
		Sanpokhari chhak to Sendhakila Chhak	21°44'23.67"N	86°21'57.56"E	10	0.69	6.90
		Hatisal Chhak to Gourakantha Chhak	21°41'46.08"N	86°23'52.20"E	5	0.69	3.45
		Gourakantha Chhak to Gunduria Chhak via Tikitali camp	21°41'8.03"N	86°23'48.85"E	12	0.69	8.28
		Gourakantha chhak to Gunduria chhak via Sarua Camp	21°40'30.52"N	86°25'9.68"E	12	0.69	8.28
		Rushibasa Chhak to Rushibasa Camp	21°40'10.50"N	86°25'57.10"E	6	0.69	4.14
		Tiktali Meadow to Meghasani Chhak	21°38'52.69"N	86°23'16.15"E	7	0.69	4.83
Baniabasa to 06nos camp	21°45'38.46"N	86°28'45.20"E	6	0.69	4.14		
7	Similipal North	Karkatbeda - Sadananda A.P Camp	21 35 2.0	086 15 33.0	10	0.69	6.90
		Sadananda A.P Camp - UBK Core Line	21 35 02.0	086 13 31.0	5	0.69	3.45
		Ghodabindha - Sandhaghati	21 35 43	086 12 19.0	6	0.69	4.14
		Kirkichipal - Kaniya Nagari A.P Camp	21 35 09.0	086 11 50.0	8	0.69	5.52
		Kendumundi - Kandadhenu	21 29 33.0	086 14 46.0	5	0.69	3.45
		Rangamatia - Jatiani	21 46 26.0	086 08 37.0	9	0.69	6.21
		Barahkamunda - Kiajhari	21 49 48.4	086 07 45.5	6	0.69	4.14
		Kalikaprasad - Gurguria	21 53 53.2	086 11 25.0	7	0.69	4.83
		Kalikaprasad - Gurguria	21 51 21.0	086 14 51.0	7	0.69	4.83
		Lanjighasara - Kolha	21 52 23.0	086 14 28.8	12	0.69	8.28
		Barigaon - Khejuri	21 48 16.9	086 18 19.9	2	0.69	1.38
		Tulsibani-Badghati	21 58 07.1	086 09 06.2	13	0.69	8.97
		Machinnala-Hata Chhak	21 57 05.5	086 20 28.3	20	0.69	13.80
		Barehipani Forest Road	21 18 10.7	086 26 33.6	15	0.69	10.35
8	Balliguda	Tumudibandha to Guchuka,	N19 54 47.4	E83 40 11.4	22	0.69	15.18
		Pipadi to Badipanga,	N19 51 32.0	E83 45 5.00			
		Kotagarh to Padelipadar	N19 43 22.2	E83 40 55.80			
		Putkulpada to Haluapali forest road	20 35 20.3	82 31 02.7	4	0.69	2.76
		Gadgada to Sunabeda along Barkot-Sunabeda Forest Road	20 31 48	82 29 34	8	0.69	5.52

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In Kms.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
			Latitude	Longitude			
1	2	3			4	5	6
9	Sunabeda WL	Tanwat Ghati to Haluapali forest road	N20 44 00.0	E82 31 52.8	10	0.69	6.90
		Bankiam to Indra nal forest road	20 28 57.31	82 33 11.36	4	0.69	2.76
		Chacharaghati to Sunabeda along Dharambandha to Sunabeda Forest Road	20 33 42	82 25 31	6	0.69	4.14
		Golabandh to Maraguda forest road	N20 42 34.0	E82 28 07.6	5	0.69	3.45
		Bankaim Chhak to Kholibhitar forest road	20 29 01	82 33 09	6	0.69	4.14
		Jalmodei to Sunabeda Forest Road	20 37 18.3	82 29 17.7	5	0.69	3.45
		Dharambahdha to Lodra forest road	N20 43 25.0	E82 25 01.0	4	0.69	2.76
		Dongarbudha to Chereichuan forest road	20 32 29	82 32 33	4	0.69	2.76
		Sunabeda to Patdarha Via Khadang Forest Road	20 30 15	82 27 13	3	0.69	2.07
		Lodra Chhack to Katingpani forest road	N20 39 01.0	E82 24 40.0	5	0.69	3.45
		Chereichuan to Soniam nala forest road	20 31 53	82 32 14	3	0.69	2.07
		Sunabeda to Datunama (Anti-poaching Route)	20 27 00	82 25 33	5	0.69	3.45
		Katingpani to Bhaosil forest road	N20 39 00.8	E82 24 37.7	4	0.69	2.76
		Bhaosil to Jharlama forest road	N20 39 07.3	E82 25 26.1	4	0.69	2.76
		Kotrabeda to Deosil (Anti-poaching Route)	20 34 38.8	82 24 31.8	5	0.69	3.45
		Jharlalama to Chharaghati forest road	N20 37 39.0	E82 22 35.0	4	0.69	2.76
		Lodra to Chhot Lodra Inspection Path	N20 41 32.0	E82 25 29.0	5	0.69	3.45
		Lodra Chhak to Phwari Inspection Path	N20 40 49.0	E82 26 03.0	6	0.69	4.14
		10	Puri WL	Balukhanda-Konark W.L Sanctuary	19 49' 35.0"	85 51' 49.6"	6
Watch tower Road, Konark	19 50' 15.4", 19 48' 59.7"			85 53' 30.1", 85 53' 53.1"	6	0.69	4.14
11	Chilika WL	Karakhola PRF	19/35/17.17	85/06/43.21	12	0.69	8.28
12	Chandaka WL	Tata Mines Ghati to Nuakua	20° 20' 00.36"	85° 37' 45.90"	10	0.69	6.90
		Distict border to Balimada	20° 21' 30.85"	85° 40' 23.02"	6	0.69	4.14
		Golagada Chhak to Golagada pond	20° 20' 41.04"	85° 39' 50.80"	1	0.69	0.69
		Dampada Gate to Balimada Chhaka	20° 23' 06.15"	85° 38' 10.12"	8	0.69	5.52
		Pithakhia Chhaka to Salabari	20° 21' 50.45"	85° 40' 45.57"	10	0.69	6.90
		Kanjianala to Bengapani	20° 23' 35.36"	85° 41' 49.35"	6	0.69	4.14
		Bengapani to Pithakhia	20° 22' 26.50"	85° 40' 45.65"	6	0.69	4.14
		Okeighati to Bengapani Ghati	20° 22' 23.08"	85° 38' 29.63"	7	0.69	4.83
		Jaria Dam to Jaria Watch Tower	20° 23' 59.95"	85° 42' 17.23"	2	0.69	1.38
		Godibari – Mahuriabari – Kumarkhunti	20° 19' 43.00"	85° 43' 58.00"	5	0.69	3.45
		Chhatian to Kheluachua via Dantaria	20° 20' 54.60"	85° 42' 32.80"	2	0.69	1.38
		Ambakhali to Kheluachua	20° 21' 24.25"	85° 41' 47.55"	3	0.69	2.07
		Bharatpur Entry Gate ,Birbasa,Chunkoli, Sunderpur,Andharua, Bharatpur	20°17'15.90"	85°47'23.33"	3	0.69	2.07
			20°17'20.25"	85°47'23.39"	12	0.69	8.28
		Karadapalli to Guptapada	20°16'42.7"	85°39'35.5"	3	0.69	2.07
		Dhadas to Madua	20°16'17.14"	85°38'07.11"	2	0.69	1.38
		Jhalara to Saurabilla	20°18'59.45"	85°40'23.87"	3	0.69	2.07
		Jhalara to Deras	20°18'36.60"	85°41'00.21"	1	0.69	0.69
		Karadapalli to Jhalara	20°17'05.99"	85°38'55.04"	3	0.69	2.07
		Godabhanga Tangar- Pitagadia-Mahuriabari	20° 21' 46.00"	85° 42' 40.00"	7	0.69	4.83
Bualigarh to Naharathali Hilltop Road	20° 21' 49.99"	85° 42' 14.33"	3	0.69	2.07		
District Boundary to Banra forest road	20° 23' 23.00"	85° 43' 59.93"	2	0.69	1.38		
13	Bamra WL	Belmunda-Majurdima	21 53 32.46	84 26 51.58	3	0.69	2.07
		Kantabahal-Dambhuinpada	21 52 35.01	84 29 8.92	3	0.69	2.07
		Bichhutangar-Kantabahal	21 52 53.27	84 27 69.44	3	0.69	2.07
		Keseibahal to Betjharan	21 53 25.12	84 26 39.92	6	0.69	4.14
		Dangapal to Binjipali	21 38 3.13	84 13 16.98	5	0.69	3.45
		Badrama to Falsabahal	21 32 38.3	84 14 31.32	4	0.69	2.76
		Nunvet to Badkacha	21 23 56.77	84 17 55	4	0.69	2.76
		NH-6 to Pathuria	21 28 99.6	84 20 79.7	5	0.69	3.45
		Sarda to Podadihi	21 28 17.99	84 22 53.65	2	0.69	1.38
		Argen to Bhutel	21 26 08.60	84 25 18.25	3	0.69	2.07
		Bhutel to Kadalidihi	21 27 19.85	84 24 00.34	4	0.69	2.76
		Badrama to Bhutel	21 26 29.96	84 18 41.37	2	0.69	1.38

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In Kms.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
			Latitude	Longitude			
1	2	3			4	5	6
		Nearest to Baideipith	21 28 95.2	84 14 58.9	3	0.69	2.07
		Khandakata to Baideipith	21 26 27.64	84 22 27.44	4	0.69	2.76
		University Spot	21 29 46.21	84 20 7.84	2	0.69	1.38
		Kutab to Nunvet	21 17 14.1	84 24 14.2	5	0.69	3.45
		N.H-6 to Podadihi	21 28 58.7	84 21 26.1	1	0.69	0.69
		Kisinda Barakachha forest Road	21 22 53.69	84 19 30.99	3	0.69	2.07
		Ballam Khalasuni Forest Road	21 22 53.25	84 19 31.79	6	0.69	4.14
		Ballam Khalasuni Bamra Bader	21 23 7.3	84 27 16.6	5	0.69	3.45
		Pandua to dingriduma	21 23 7.3	84 27 16.6	2	0.69	1.38
14	Hirakud WL	Khajuria to Patheidurga	21° 37' 44.8"	83° 40' 26.7"	4	0.69	2.76
		Mendhapali to Khajuria	21° 36' 15.1"	83° 36' 57.5"	3	0.69	2.07
		Lakhanpur to Chakramal	21° 38' 34.0"	83° 38' 49.8"	4	0.69	2.76
		Lakhanpur to Khola	21° 33' 48.8"	83° 38' 37.3"	2	0.69	1.38
		Lakhanpur to By-pass	21° 41' 51.2"	83° 37' 51.0"	3	0.69	2.07
		Khola to kurumkel	21° 30' 46.9"	83° 45' 43.8"	2	0.69	1.38
		Pattaguda to Patheidurga	21° 30' 3.8"	83° 42' 10.1"	2	0.69	1.38
		Chourasimal to Lakhanpur	21° 32' 25.9"	83° 45' 14"	2	0.69	1.38
		Dhodrokusum to Khajuria	21° 31' 40"	83° 45' 35"	3	0.69	2.07
		Dhodrokusum to Chourasimal	21° 30' 7"	83° 46' 17"	5	0.69	3.45
15	Dy. Dir, NKZP	NKZP	20 23 18	85 48 45	20	0.69	13.80
			20 23 33	85 48 27			
Total:-					800	0.69	552.00

(ii) Anti-poaching Barrack (Unit Cost @ Rs.20.00 lakh)							
SL. No.	Name of the Division	Location	Geo-coordinates		unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
1	Angul	Angulia-4	20.81934	84.83453	1	20.00	20.00
2	Satkosia (WL)	Baghamunda RF Compt. No.7	20.6904	84.7610	1	20.00	20.00
3	Mahanadi WL	Ranisahi	20 34 0.71	84 43 16.76	1	20.00	20.00
4	Athmallik	<u>Madhapur Range</u> Kiakata	N 20 51 55.0	E 84 19 17.5	1	20.00	20.00
5	Rairangpur	Gorumahisani Section Office campus	22.3346	86.2771	1	20.00	20.00
6	Similipal South	Pithabata(N)	220 01' 23.6"	86 30' 44.5"	1	20.00	20.00
7	Similipal North	Gurguria Section Office	21 51 20.5	086 14 51.6	1	20.00	20.00
8	Ghumsur South	Buguda Range	21 45 21.4	86 35 27.5	1	20.00	20.00
9	Parlakhemundi	Manikapur	N-19.350451	E-84.323334	1	20.00	20.00
10	Boudh	Baghiapada	20 43 28.67	84 13 45.47	1	20.00	20.00
11	Balangir	Titilagarh	20 45 15.4	84 35 12.6	1	20.00	20.00
12	Kalahandi South	Karlpal CNG	N19 38 56.0	E83 07 09.0	1	20.00	20.00
13	Khariar	Patialpada	N20 06 44.8	E082 32 48.5	1	20.00	20.00
14	Mangrove WL	Hawakhana	20°-03'-21"	86°-25'-36"	1	20.00	20.00
15	Bhadrak WL	Chandbali	20.77339	86.736837	1	20.00	20.00
16	Bonai	Tikayatpali Section Campus	N21 42 11	E84 53 26	1	20.00	20.00
17	Keonjhar- T	BJP-Nayakote	N - 21-43-37.2	E - 85-17-14.4	1	20.00	20.00
18	Rourkela	Malidihi	N-22 08 05.8	E-84 37 43.4	1	20.00	20.00
19	Hirakud WL	Garposch	22 8 6.92	84 25 3.68	1	20.00	20.00
20	Bamra WL	Mundo kati	21 32 48.7	83 45 9.9	1	20.00	20.00
Total:-					20	20.00	400.00

(III) Seizure Yard (Unit cost @ Rs. 7.00 lakh)							
SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
1	Bamra WL	Gantab	21 28 47.2	084 18 01.3	1	7.00	7.00
Total:-					1	7.00	7.00

(iv) Floating Jetty (Unit cost @ Rs. 15.00 lakh)

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
1	Balasore WL	Gohirabhola (Rissia Dam)	21 26'07.91"	86 36'26.80"	1	15.00	15.00
2	Mangrove WL	Kalibhanjadia	20°-46'-28.0"	86°-55'-37.0'	1	15.00	15.00
Total:-					2	15.00	30.00

(v) Construction of Watch Tower (Unit Cost 20.00 lakh)							
SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In No)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
			Latitude	Longitude			
1	2	3	4	5	6	7	8
1	Dhenkanal	Kapilash Wildlife Sanctuary near Ashok Jharan	20-39-53.91	85-41-55.28	1	20.00	20.00
2	Balasore WL	Sinduragaoura	21 26' 54.8"	21 27' 01.3"	1	20.00	20.00
3	Baripada	Seileipokhari	N-21 27 34	E-86 20 11	1	20.00	20.00
4	Karanjia	Kathkaranjia	21,53,5.9	85,58,50.9	1	20.00	20.00
5	Keonjhar (WL)	Ranipada	21-16'-06.46"	85-40'-34.74"	1	20.00	20.00
6	Similipal North	Pandabandha	21 56 15.4	086 26 05.5	1	20.00	20.00
7	Berhampur	Golanthara of Brahmapur Range	N-19 17 56.9	E-84 40 43.8	1	20.00	20.00
8	Ghumsur North	Badagunduribadi Ambajhora RF C/19	N 20 16 10.3	E 84 41 05.7	1	20.00	20.00
9	Balliguda	Akedmaha	N 19 50 04.4	E 83 45 20.8	1	20.00	20.00
10	Subarnapur	Goudgad RF (Birmaharajpur Range)	N21 2 49.99	E84 1 58.07	1	20.00	20.00
11	Kalahandi North	Jurakhman FRH	N20 09 39.9	E83 36 10.5	1	20.00	20.00
12	Sunabeda WL	Borra	20 31 12	82 29 04	1	20.00	20.00
13	Puri WL	Balukhanda	19 49' 27.61"	085 51' 52.67"	1	20.00	20.00
14	Chandaka WL	Hajabandha	20°13'22.9"	85°39'28.7"	1	20.00	20.00
15	Khordha	Malipada	20-04-44.2	85-33-04.2	1	20.00	20.00
16	Rayagada	Within the Range Jurisdiction	19.3289	83.87977	1	20.00	20.00
17	Malkangir	Kalimela (Back side of FRH)	18.07452	81.749267	1	20.00	20.00
18	Deogarh	Laimura	N 21 42 07.3	E 84 39 26.0	1	20.00	20.00
19	Sundargarh	Badhunjaria	N22.18316	E83.7682	1	20.00	20.00
20	Rairakhol	Giripur	21°16'10.24"N	84°17'40.69"E	1	20.00	20.00
Total:-					20	20.00	400.00

Annexure III-XXXX

Research & Publicity Awareness under Wildlife

(i) Promoting conservation, sustainable use and documentation of biological diversity including preservation of habitats etc. (Unit Cost Rs. LS)					
SL. No.	Name of the Division	Location	Unit (Rs. in lakh)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
1	2	3	4	5	6
1	Whole State		LS	LS	200.00
Total:-			LS	LS	200.00
N.B:- As and when approved RAC Committee or mandated by Jurdicial and Administrative orders.					

(ii) Publicity, Awareness, Training & Capacity Building etc.					
SL. No.	Name of the Division	Location	Unit (Rs. in lakh)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
1	2	3	4	5	6
1	Whole State		1000	0.20	200.00
Total:-			1000	0.20	200.00

Annexure III-XXXXI

Implementation of Regional Wildlife Management Plan for the State (Unit Cost Rs. LS)					
SL. No.	Name of the Division	Location	Unit (Rs. in lakh)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
1	2	3	4	5	6
2	Implementation of RWLMP		LS	LS	1500.00
Total:-			LS	LS	1500.00

Annexure III-XXXXII

Implementation of Site Specific Wildlife Conservation Plan for the State				
SL. No.	Name of the Division	Unit (Rs. in lakh)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
1	2	4	5	6
1	Whole State (i) SSWLCP for stage-II cleared project-126 nos. = Rs.4352.21 lakh	LS	LS	4352.21
	(II) SSWLCP for stage-I cleared project-3 nos. =Rs.411.98 lakh	LS	LS	411.98
Total:-		LS	LS	4764.19



**State Authority
Compensatory Afforestation Fund Management and
Planning Authority, ODISHA**

Office of Principal Chief Conservator of Forests & HoFF Odisha
Aranya Bhawan, Chandrasekharpur, Bhubaneswar - 751 023