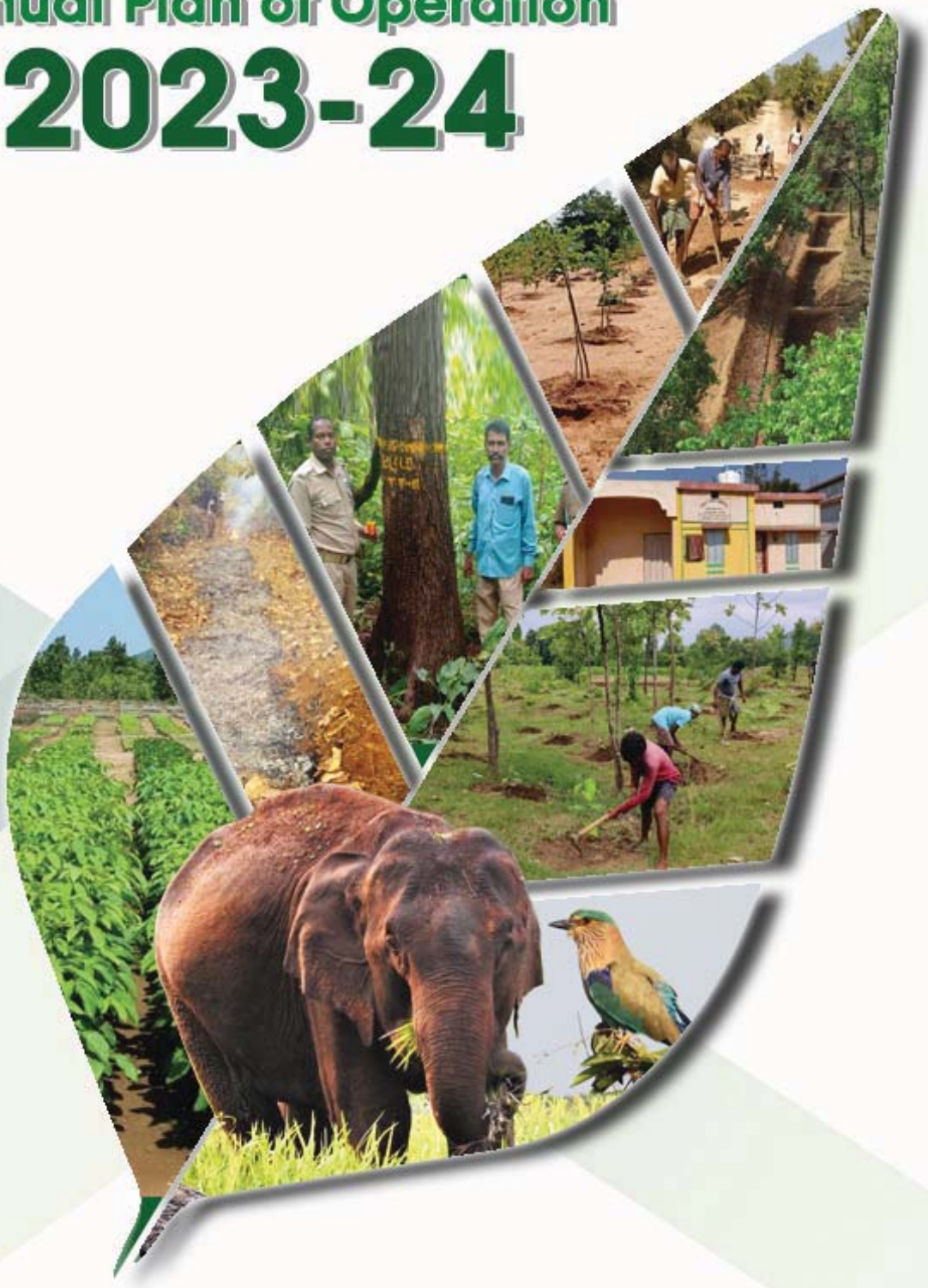
Annual Plan of Operation
2023-24



State Authority
Compensatory Afforestation Fund Management &
Planning Authority (CAMPA) Odisha

ANNUAL PLAN OF OPERATION
2023-24

STATE AUTHORITY, CAMPA

ODISHA

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PART-I

Brief History and Past Performance

PART-I

Brief History and Past Performance

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

Situation:

Odisha (formerly **Orissa**) is one of the 28 states of India, located in the eastern coast. It is surrounded by the states of West Bengal to the north-east, Jharkhand to the north, Chhattisgarh to the west and north-west, Andhra Pradesh to the south and south-west. The modern state of Odisha was established on 1 April 1936, Odisha lies between the latitudes 17^0 47'N and 22^0 34'N, and between longitudes 81^0 22' E and 87^0 29' E. The state has an area of 155,707 KM^2, (8^{th} position in area in the country) which is 4.87% of total geographical area of India, and the state has a coastline extending to 482KM. In the eastern part of the state lies the coastal plain. It extends from the Subarnarekha River in the north to the Rushikulya River in the south. The lake Chilika is part of the coastal plains. The plains are rich in fertile silt deposited by the six major rivers flowing into the Bay of Bengal: Subarnarekha, Budhabalanga, Baitarani, Brahmani, Mahanadi and Rushikulya.

The stretch between Puri and Bhadrak in Odisha juts out a little into the sea, making it vulnerable to any cyclonic activity. Three-quarters of the state is covered in mountain ranges. Deep and broad valleys have been made in them by rivers. These valleys have fertile soil and are densely populated. Odisha also has plateaus and rolling uplands which have lower elevation than the plateaus. The highest point in the state is Deomali at 1,672 metres in Koraput district. Some other high peaks are: Sinkaram (1,620 m), Golikoda (1,617 m), and Yendrika (1,582 metres). The state has got monumental exquisite temples like Puri (temple of Lord Jagannath), Konark (Black pagoda), etc.

Population of Odisha

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 19^{th} 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 Km^2, which is lower than the national average of 382 persons per Square Kilometer

Climate

The state experiences four meteorological seasons: winter (January to February), pre-monsoon season (March to May), south-west monsoon season (June to September) and north east monsoon season (Oct–Dec). However, locally the year is divided into six traditional seasons (or rutus): Grishma (summer), Barsha (rainy season), Sharata (autumn), Hemanta (dewy), Sheeta (winter season) and Basanta (spring). The entire territory lies in the sub-

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).

Changing Scenario of forestry as per ISFR-2021 Report.

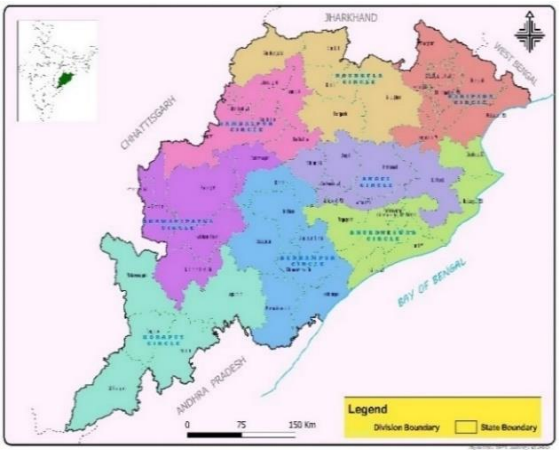
As per ISFR report Odisha gains 537 sq km of forest cover, 3rd highest increase in forest cover in the country. The forest cover of Odisha constitutes 33.50% of geographical area while very dense forest is 4.63% of GA, moderate dense forest is 13.49% and open forest is 15.38% of GA respectbly.

In case of mangrove cover there has been increase of 17 sq km in the country out of which Odisha stood first in the country with 8 KM^2 significant rise in the State alone. The average annual rainfall varies from about 1,200 mm to about 1,600 mm. and the average annual temperature varies from 25°C to 28°C.

Geology & Rock

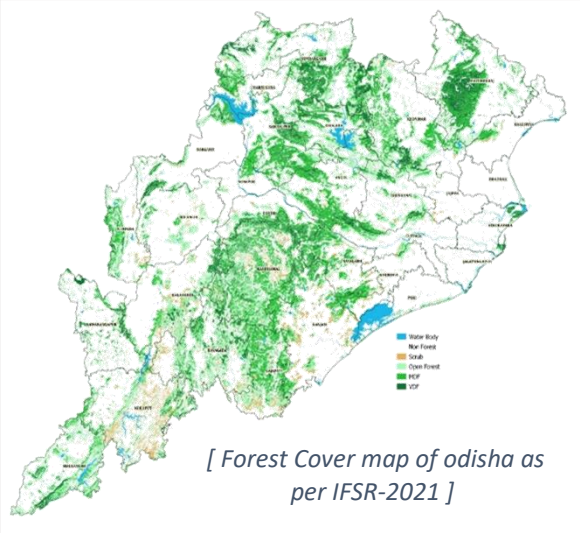
The rich mineral belts lie in the western and north-western parts of the state. Odisha topped among all the states as it contributed above 10% to total minearal production in the country. Coal, bauxite, chromite, iron ore, limestone, manganese ore, mineral sand, nickel ore, pyrophyllite and quartz. The rich mineral whealth of the state is attributed to its favourable geological condition & setup.

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 wildlife in Similipal and Bhitarkanika National Parks and other wildlife sanctuaries are exemplary.



Forest area of the state	
Total Geographical Area	1, 55,707 Km^2
Recorded Forest area	61,204.17 Km^2
Forest Cover within Recorded Forest Area	32,686 Km^2
Forest Cover outside Recorded Forest Area	19,470 Km^2
Forest Cover Area	52,156 Km^2
Tree Cover (Outside Forest Area)	5,004 Km^2
Total Forest & Tree Cover	57, 160 Km^2
% of Forest Area (Recorded) to Geographical Area	39.31 %
% of Forest & Tree Cover to Geographical Area	35.54 %

Forest and Tree Cover in Odisha



[Forest Cover map of odisha as per IFSR-2021]

The Recorded Forest area of the state is 61,204.17 KM^2 which is 39.31% to Geographical area. This includes 26873.66 KM^2 of Reserved Forest, 9175.15 KM^2 of Proposed Reserve Forest, and 1085.22Km^2 of Protected Forest. 287.51 KM^2 of Village Forests, 4179.59 KM^2 of Demarcated Protected Forest, 4272.91 KM^2 of Un-Demarcated Protected Forests, 15,117.30 KM^2 of Revenue Forests, 22.06 KM^2 of Un-Classed Forests and 190.77 KM^2 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 KM^2. 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) since the year 1987 by using remote sensing technique broadly classify 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 KM^2 while tree cover of the State is 5004 KM^2. The forest cover has significantly increased over 537 KM^2 in Odisha since the last report while the tree cover has been increased over 356 KM^2. 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 KM^2 increase out of the total increase of 17 KM^2 in the country. The main reason for significant gain in mangrove forest in Kendrapara, Jagatsingpur and Balasore districts are the massive plantation up in the river delta areas near estuary and on inter tidal mud flats.

Status of Forest Cover as per IFSR-2021

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:

❖ Forest boundary demarcation in case of notified and recorded forests is an issue in the field while ensuring consolidation and protection. This needs to be addressed through appropriate survey involving the revenue department and the local population in the field.

A Sizable area of forest are under revenue department which are not included in forest management under working plan prescription. Those areas are also to be properly demarcated with definite georeferencing and brought under proper forest management as per working plan prescriptions.

❖ The dwindling of forest cover has created a serious challenge for restoration and upgradation to next density class. To address this issue, massive plantation progarmme has been taken up by forest department with adequate protection measures and awareness programmes in the forest fringe areas. Protection measures taken up through foot patrolling inside the forests are being monitored through GPS tracking. Mostly the problems in protection and restoration of forest area are location specific and some what related to cultural attitude and economic deprivation 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 act 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.

❖ Natural calamity in the Odisha state is a regular phenomenon for devastation of the forest and its eco-system. Especially sea cost areas are badly affected due to frequent cyclones. The mangrove and casuarina forests act like a barrier to restrict the cyclonic storm and tidal surges ensuring protection to coastal areas and communities. Afforestation programme towards mangrove and casuarina plantation are being taken up to face the above challenges. In this regard, the gain of 8 KM^2 increase in mangrove forest cover in state as per 2021 Forest Survey Report is reward for such efforts.

The Human – Animal conflict

The manadate of Human – Animal conflict has become a day-to-day threat all over the state. Fragmentation of habitats and depletion of food and water sources inside the forests are aggravating the problem. Due to such conflicts, the loss of human being or injury, property loss and crop damage are occurring at frequent interval and almost equivalent to the loss of life of the wild animals. To address the above challenges, different pro-active measures like deployment of elephant squads and antidepredation squads, driving away elephants by the staff from human habitats as and when required and awareness campaign in forest fringe villages. So also, habitat improvement with sufficient water sources provision has been done in CAMPA and though other programme of the state.

Community Participation and effects on Forest Cover

The role of forests and forestry is changing rapidly and significantly. All the policy makers are placing a renewed focus on community participation for sustainable development of forest. Odisha is the pioneer state to adopt policy of JFM resolution assigning specific roles to the communities. The community protection system exists since the time immemorial and the Government of Odisha passed resolution during 1988 to involve the local communities for protection and management of the forests. 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 16128 nos. of VSSs and 594 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 in 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 of mammals, this includes 54 endangered species (17 species of reptiles, 15 species of birds and 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 Bhitarakanika and other nation park is proposed at Similipal. Odisha is also blessed with natural major wetlands at Bhitarakanikka and Chillika. Having internation 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.

Besides, there are 4 crocodilian research and conservation centers in the state, viz for Gharial in Tikarpada/Satkosia, Saltwater crocodile in Dangamal/ Bhitarakanika, Mugger in Ramtirtha/ Similipal and captive breeding programme of all three Indian crocodilian species in Nandankanan Zoological Park respectively. There is a Community Reserve (Proposed) for Black Buck habitat at Balipadar-Bhetnoi of Ganjam District.

As of now, 539 nos. EDC have been formed covering an area of 43455.32 ha. of protected area and ensuring that people’s participation plays a major role in conservation of wildlife. As an alternative source of livelihood for such villagers, community based eco-tourism is promoted. For the purpose, Eco-tourism destinations have been developed with Eco-cottages and Tents for accommodating 1159 eco-tourists for night stay.

Large inviolate areas are essential to ensure a viable population of the wild animals, particularly Elephants and Tigers. Such vast prime habitat like core tiger habitats etc. are created through voluntary relocation of villages from inside the Protected Area/Tiger Reserve/Other Forest Areas as per policy framed by NTCA and 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. In order to ensure step wise consolidation of prime wildlife habitats, 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.10.00 lakh to Rs.15.00 lakh per family and in addition Rs.5.00 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 2017-18 to 2022-23.

Financial Year	Compensatory Afforestation (Ha.)				Afforestation under Other stipulations (Ha.)						Expen. Rs. in lakhs
	AR.	ANR	Bald Hill.	Total	AR.	ANR	Bald Hill	Total.	Avenue plantation in Nos.& RKM.	Total Area in Ha./ RKM/ No of saplings)	
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
2019-20	247.789	2924.32	227.50	3399.61	20.79	1661.563	155.75	1838.1	31.1	5237.71 HA + 31.1 RKM	4045.75
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
2021-22	124.932	2454.207+ 13.094(without gap)+ 564.615(Extra)	344.606	2936.8	60.51	386.757	-	447.267	10.116Rkm+340 nos	4140.33 +10.116 RKM &340 nos	5094.77
2022-23	630.761	3006.27+ 827.76 (without gap)	168.08		12.7393	18.34			13250 Nos Tall Tree Plantation		5147.67 (upto Sept 2022)

N.B: The Activities under APO 2022-23 is under progress.

(b)-2: Physical& Financial achievement on forestry related schemes for last five years under CAMPA APO 2017-18 to 2022-23.

Sl No	Components	APO 2017-18		APO 2019-20		APO 2020-21		APO 2021-22		2022-23 Continuing	
		Phy.	Fin.	Phy.	Fin.	Phy.	Fin	Phy.	Fin.	Phy.	Fin.
1	Regeneration of Bamboo Forest (Ha)	90080	1181.42	70950	1625.76	75000	1788	75000	1784.88	88520	2231
2	Bamboo Plantation (Ha)	0	288.23	2000	669.96	1000	489	1465	647.63		
3	Block Plantation (Ha)	0	629.97	2000	992.145	1500	1295	1671	906.11	3239	5622
4	ANR Plantation (Ha)	85405	16637	20400	4232.91	39900	10785	35540	8281.67	49635	1009
5	Bald Hill Plantation (Ha)	950	831.68	-	-	960	2163	1296	2479.2	1020	3217
6	Forest Protection		4789.6	-	5415.29		5631		4410.19		4631
7	Infrastructure Development (Nos.)		5111.5		3786.71		7219		6111.48		7777
8	Avenue plantation			76	93.57				-		
9	Conservation of RET Spp. (Ha)					88.	238	130	101.51	2452	767
10	Miyawaki Plantation (Ha)					4	130	13	470.38	5	196
11	Sowing of Bamboo Seeds					1030	25		-		
12	Raising of RT Seedlings (Nos.)					1.5	220				
13	Raising and Maintenance of 18 months old seedlings (Nos.)					300	4974	200	2213.226	200	1196
14	Fruit & Fodder (PO+1st yr) (Ha)					82.5	189	490	122.71	60	105
15	AJY (ANR without gap) (Ha)					27000	33.8	20000	10114.58	120837	690

(Rs.in Lakhs)

(b)-3: Financial achievement on wildlife management under CAMPA APO 2016-17 to 2022-23.

(Rs.in Lakhs)

APO	Protection Activities	Anti-depredation Activities	Habitat Improvement	Mgt of Zoo & PA	Implementation of Site-Specific Wildlife Conservation Plan	Other Works	Total Amount
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	1228	**12714.00**
2019-20	2500.23	4456.16	1547.73	623.38	3571.72	570.88	**13270.10**
2020-21	5356.66		2447.67	950.00	2941.02	2854.42	**14549.77**
2021-22	5454.63		1936.63	350.00	3026.00	10915.95	**21683.21**
2022-23	1200.69		2734.58	300.00	4761.57	2334.40	***11331.24**

**As on 30th Nov' 2022*



(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 (2017-18 to 2022-23)

Year	Scheme	Activities takenup	Physical Achievement	Financial Achievement (Rs. in Lakhs)
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	
			Seedling Planted 16.94694 Lakhs	
	MGNREGS		AR Block 2947.218 Ha.	6361.17
			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 Planted 20.15 Lakhs	
	MGNREGS	MGNREGS	AR Block 2075.23 Ha.	
			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
		Urban Tree Plantation by Corporate Sector, Green	AR Block 1103.25 Ha.	12320.6
			ANR With Gap AR 4196 Ha.	

	State Plan (IGC & GMM)	Mahanadi Mission, State plan fodder plantation, SMPB	Avenue Plantation 562 RKM	
			Urban Plantation Seedling 12.165 Lakhs	
			Seedling Distribution 8.58 Lakhs	
			Seedling Planted 33.18 Lakhs	
	Central Plan	NAP, GIM, Central plan NBM, OBDA, Bamboo Plantation	AR Block 646.81 Ha.	
			ANR With gap AR 3655 Ha.	2163.98
			Seedling Planted 14.230 Lakhs	
Total- 2018-19				**23220.99**
2019-20	IGC	AR Plantation, Bald Hill Plantation, Urban Tree Plantation, Distribution of Seedlings	AR Block 1922.57 Ha.	
			Bald Hill Plantation 892 Ha.	
			Seedling Distribution 53.92 Lakhs	3480.90
			Urban Tree Plantation 50 Ha. (ANR)	
	MGNREGS	Pure MGNREGS	AR Block 215 Ha.	
			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.	7980.57
			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.	
			Bald Hill Plantation 203 Ha.	
			ANR Gap@200 7450 Ha.	
			ANR Gap@400 150Ha.	
			ANR Gap@600 22 Ha.	
			ANR Gap@800 31 Ha.	5060.92
			Bamboo 71 Ha.	
			Avenue Plnt. 116 RKM	
			Seedling Distribution 49.76 Lakhs	
			Urban Tree Plantation 2.30 Lakh Seedlings	
	CSR-OMC	AR Plantation, Maintenance of UTP	AR Plantation through CSR	
			Maintenance of UTP over 1.24Lakh Seedlings	762.72
		AR, ANR,	AR Block 293.63 Ha.	1943.11

	(State Plan-NAP)		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
	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	AR Plantation,ANR Plantation,Urban Tree Plantation,Distribution of seedlings	AR Block 250 Ha	1598.04
			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	
	OEMF	Distribution of seedlings	Distribution of seedlings 85.17 lakh	896.48
	Other Plantation	AR Plantation, ANR Plantation, Avenue Plantation	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**
2021-22	Central Scheme GIM	AR Plantation,	AR Block 105 Ha	2955.896
		ANR Plantation,	ANR Plantation (with Gap Plantation) 1605 Ha.	
		Avenue Plantation	Avenue Plantation 203 RKM	
		Seedlings Planted	Seedlings Planted 5.228 Lakhs	
		Seedlings distributed	Seedlings distributed 1.37 Lakh	
	OFSDP Phase-II (EAP)	AR Plantation,	AR Block 2873 Ha	815.00
		ANR Plantation	ANR (With Gap) Plantation 15972 Ha	
		Seedlings Planted	Seedlings Planted 86.02 Lakhs	
	Ama Jungle Yojana	ANR Plantation	ANR Plantation (With Gap) 18325 Ha	1500.00
		Seedlings distributed	Seedlings distributed 35.55 Lakh	
	MGNREGS	AR Block	AR Block 2180 Ha	22752.65
		ANR Plantation	ANR Plantation(With Gap) 23135 Ha	
		Avenue Plantation	Avenue Plantation 4505 RKM	
		Seedlings Planted	Seedlings Planted 84.74 Lakhs	
		Seedlings distributed	Seedlings distributed 140.05 Lakhs	
	OMBADC	Seedlings distributed	Seedlings distributed 68.66 Lakhs	2026.00
	NBM(OBDA)	AR Block	AR Block 361 Ha	541.66
		Seedlings Planted	Seedlings Planted 2.45 Lakhs	
		Total 2021-22		**30591.206**

Achievement of Forestry and Other related (Afforestation) Schemes in the state of Odisha during 2022-23

Sl No	Name of the Component	Name of Scheme	Physical Target (In Hectare)			Avenue Pltn (In RKM)	Requirement of seedlings for Plantation in lakh	Requirement of seedlings for Distribution in lakh	Physical Achievement (Area in Ha & Avenue in RKM)				
			AR in ha	ANR (With Gap Pltn) in ha	Total in ha				AR Pltn in Ha	ANR (with Gap Pltn in Ha)	Total in Ha	Avenue Pltn in RKM	Seedlings Planted in lakh	Seedlings distributed /utilised in lakh
1	AR Plantations	State Plan - IGC	637.78		637.78		11.31		657.78		657.78		11.63	
2	Bald Hill Plantations		500		500		8		480		480		7.68	
3	ANR with Gap Plantation			3000	3000		6			3000	3000		6	
4	UTP in Lakh				0		3				0		2.95	
5	Distribution of seedlings in lakh				0			100			0			21.71
Total State Plan - IGC			1137.78	3000	4138	0	28.31	100	1137.78	3000	4137.78	0	28.26	21.71
6	AR Plantations	State Plan - GMM	500		500		8		576		576		9.22	
7	Bald Hill Plantations		500		500		8		424		424		6.78	
8	ANR with Gap Plantation			3000	3000		6			3000	3000		6	
9	UTP in Lakh				0		3				0		2.89	

10	Distribution of seedlings in lakh				0			51.67			0			5.48
Total State Plan - GMM			1000	3000	4000	0	25	51.67	1000	3000	4000	0	24.89	5.48
11	OFSDP, Phase-II	EAP	293	832	1125		4.51		293	832	1125		4.51	
Total State Plan - OFSDP			293	832	1125	0	4.51		293	832	1125	0	4.51	
12	Green India Mission	State Plan - GIM	573.5	2233.5	2807	283.20	16.76		318	1724	2042	96	10.28	
13	Green India Mission (UTP in lakh)				0		0.66				0		0.14	
Total State Plan - GIM			573.5	2233.5	2807	283.2	17.42		318	1724	2042	96	10.42	
14	AR Plantations through CSR	OMC	625		625		1		573		573		9.17	
Total - OMC & MCL			625	0	625	0	1		573	0	573	0	9.17	
15	MGNREGS (Convergence & Pure)	MGNREGS	5000	35000	40000	5000	162.50	30	647.13	11860	12507.13	3911.20	43.55	120.45
Total - MGNREGS			5000	35000	40000	5000	162.50	30	647.13	11860	12507.13	3911.20	43.55	120.45
16	NBM (OBDA)	NBM	600		600		2.50		312.30		312.30		1.30	
17	Mangrove Plantation		55		55		1.38				0			
18	18 months old seedlings distribution in lakh	OMBADC			0			47.35			0			47.35
GRAND TOTAL			**9284**	**44066**	**53350**	**5283**	**251.62**	**499.02**	**4281**	**20416**	**24697**	**4007**	**122.10**	**194.98**

Achievement under Non-Plan, State Plan Scheme from 2017-18 to 2021-22 in respect of Wildlife Organisation (Rs. in lakh)						
Sl.	Name of the Scheme	2017-18	2018-19	2019-20	2020-21	2021-22
	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	1818.59	2219	2990.31	2499.6	2499.30
3	Development of Eco-tourism	799.49	844.41	756.98	190	2614.362
4	Integrated Development of Wildlife Habitats (CSS)	0	0	0	-	
5	Implementation of Elephant Management Plan	0	0	0	-	
6	Development and Management of Elephant Corridor	0	0	0	-	
7	Management of Elephant and Corridor	1000	1109.51	1553.95	2153.95	1599.04
8	Protection & conservation of Olive Ridley Turtles	0	0	0		
B. Zoological Park - Nature Conservation						
1	Development & Beautification of Nandankanan Zoo	0	0	300		100
2	Elephant Management Project (CSS)	0	0	0		
3	Conservation & Management of Mangroves (CSS)	0	0	0		
4	Satkosia Tiger Reserve (CSS)	0	0	0		
5	Similipal Tiger Reserve (CSS)	0	0	0		
6	Similipal Biosphere Reserve (CSS)	0	0	0		
C. State Plan- Program Expenditure						
1	Relocation of villages form Sanctuaries and National Parks	200	0	0	-	
2	Devt. and beautification of Nandankanan Zoo	500	588.01	0	2279.50	
	TOTAL STATE PLAN	**4318.1**	**4760.9**	**5601.2**	**8833.05**	
D. Central Sponsored Scheme						
1	Integrated Dev. of Wildlife habitats	579.37	806.09	1147.51	1165.63	1149.48837
2	Elephant Management Project	271.4	328.8	627.98	980.40	852.82059
3	Similipal Biosphere Reserve	271.89	224.41	313.54	354.70	0
4	Similipal Tiger Reserve including 4th All India Tiger Estimation	1199.32	1334.33	1246.29	859.69	1336.43112
5	Satkosia Tiger Reserve	1600.03	622.81	1246.42	281.15	507.01954
6	Conservation and Management of Mangroves	149.03	170.96	195.979	260.01	103.1952
	Total Central Plan& CSS	**4071.1**	**3487.4**	**4777.7**	**3901.56**	**3948.95482**
	Grand Total	**8389.1**	**8248.3**	**10379**	**12734.61**	**11661.65682**
	Funds received from Govt. of India through RTGS/ECS					
	Conservtion and management of Mangroves					**154.8028**

(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 30-09-2022 is detailed below;

Year	Forest Area Diverted. (In Ha)	Year	Forest Area Diverted. (In Ha)	Year	Forest Area Diverted. (In Ha)
1980	-	**1995**	317.94	**2010**	753.37
1981	-	**1996**	1354.61	**2011**	992.75
1982	218.31	**1997**	1551.71	**2012**	237.45
1983	284.07	**1998**	4705.75	**2013**	2580.57
1984	1029.22	**1999**	480.78	**2014**	2982.14
1985	531.74	**2000**	1137.3	**2015**	1120.74
1986	769.87	**2001**	1509.34	**2016**	603.54
1987	1788.41	**2002**	607.82	**2017**	736.58
1988	836.46	**2003**	1447.75	**2018**	3887.24
1989	1737.99	**2004**	594.29	**2019**	4034.11
1990	2630.13	**2005**	2648.57	**2020**	1480.62
1991	2.66	**2006**	1167.82	**2021**	1674.51
1992	407.73	**2007**	1806.87	**2022**	668.16
1993	4729.25	**2008**	796.42	***(upto Sep-22)***	
1994	407.37	**2009**	2938.05		
				Total	**60190.00**

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

Year	CA carried Area	Extra CA	Year	CA carried Area	Extra CA
1980	-	-	**2001**	1828.95	0
1981	-	-	**2002**	868.72	0
1982	2.8	0	**2003**	1833.38	0
1983	79.98	0	**2004**	861.98	0
1984	1225.46	0	**2005**	2921.69	0
1985	485.6	0	**2006**	1501.46	0
1986	537	0	**2007**	1713.12	0
1987	1477.38	0	**2008**	865.83	0
1988	1127.98	0	**2009**	2378.14	1675
1989	2103.25	0	**2010**	804.95	0
1990	3571.37	0	**2011**	882.53	0
1991	1	0	**2012**	1810.23	0
1992	448.03	0	**2013**	7090.67	0
1993	5508.09	0	**2014**	3616.26	966.77
1994	407	0	**2015**	1651.41	370
1995	279.16	0	**2016**	1035.88	0
1996	1607.25	0	**2017**	1084.96	84.37
1997	1466.48	0	**2018**	3620.75	0
1998	6549.2	0	**2019**	4975.73	0
1999	780.5	0	**2020**	3358.87	0
2000	1922.41	0	**2021**	992.85	
			Total	**75278.29**	**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:

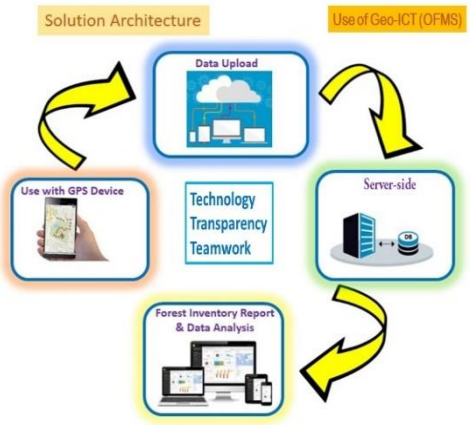
(i) The conventional approach refers to the traditional method of monitoring and evaluation is based on the mandatory provisions of the Forest Department code. Site specific indicators are gathered from different hierarchical managements to assess the progress of implementation. In Forest Department, the main field executants of the projects start from the Range officer level which is the basic unit. As per the codal provision of the Forest Department, the Range officer is to monitor 100 percent of the activities in all steps of execution. The Divisional Forest officer of the concerned Division plays a key role in the internal monitoring mechanism in his/ her 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 Divisional Forest officer makes regular inspections, study and analyze the field position, and imparts directions to the frontline field staff for further improvisation. Further, all the supervisory officers through regular inspections will ensure effectiveness of the field level implementation. All the field functionaries are having specific roles. As per the 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 at least 75% of the activities 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 monitors the activities either by deputing the staff at regular intervals from State headquarters and also makes random field visits for monitoring and issuing necessary instructions/ guidelines to the field as & when required. The RCCF also monitors the field activities in his jurisdiction very often and also arrange an internal mechanism to monitor the project works and guide the sub-ordinates.

(iii) A compendium has been framed in addition to new CAMPA rules, financial procedures and detailed guidelines for the implementation of the CAMPA works. Workshop has also been conducted for DFOs to update them on these changes in guidelines. The codal provisions of forest department have also been changed with number of field-level trainings being organized to sensitize the frontline staffs.

2) Monitoring and Evaluation with the usage of Technology

(i) Monitoring using Modern Technology



(Monitoring using Modern Technology)

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 center is monitoring all forestry-related activities with the help of 8910 active Smart Phones of field officials having android & iOS based OFMS applications and 1200 GAGAN enabled GPS-PDA devices. The login status, update of application version and usage of OFMS are also monitored through the web application www.odishaforestgis.in) in order to ensure use of the application by all frontline field staff and strictly monitor all forestry related activities at each level. 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 in the official website: www.odishaforest.in.

To ensure Forest Protection, more attention is focussed on the foot patrolling especially during the odd hours which is also monitored through the web application https://odishaforestgis.in. 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. On an average 85,000 Kilometers foot patrolling is done per month by all the forest circles in Odisha and the distance, timing and incidence reporting are closely monitored daily/ hourly basis using GPS-PDA/Android application at all levels.



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

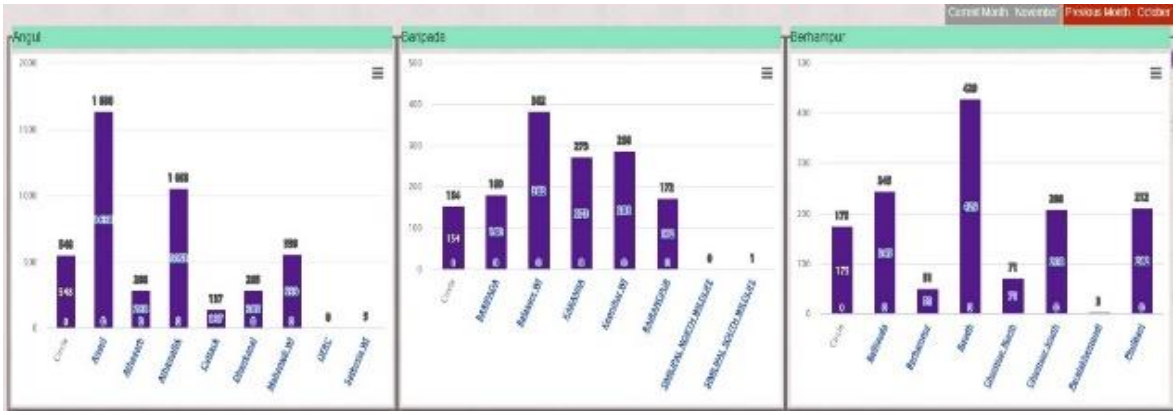
Month wise foot patrolling, fire incidence, number of assets mapped are monitored and the following bar diagram depicts monthly distance covered through foot patrolling & asset mapping and graph showing trend of forest fire incidences & wildlife depredation.

(ii) Real time Monitoring of Forest Fire

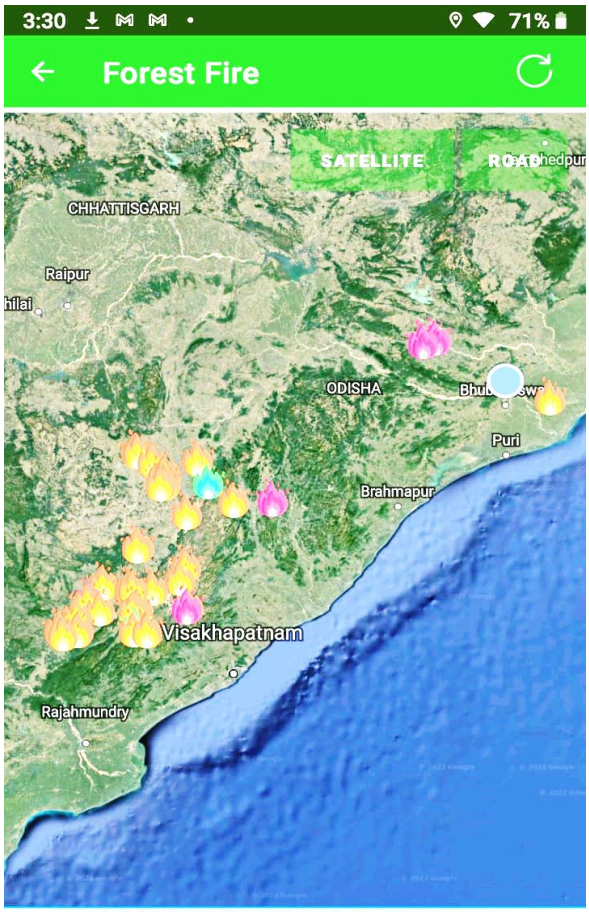
Satellite based remote sensing technology and GIS tools have been effective in better prevention and management of fires through creation of early warning for fire prone areas, monitoring fires on real time basis and estimation of burnt scars. The forest fire monitoring is done in a unique way by integrating the FITGC server with FSI server to fetch the fire data directly in the fire application from FSI server. The server is also accessing the fire data of NASA for timely information of Forest fire locations. In addition to this, the application having navigation facility helps the ground staff to navigate and quickly reach 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. Monitoring has been done for 11,088 number of fire incidences detected during 2020, and 56,697 in 2021 further it has been reduced to 28,849 during 2022. Similarly, the area burnt during the year 2020 is 6,070 ha., during the year 2021 affected area is 28,359 ha. & 8,420 ha. burnt area was reported during 2022 fire season.



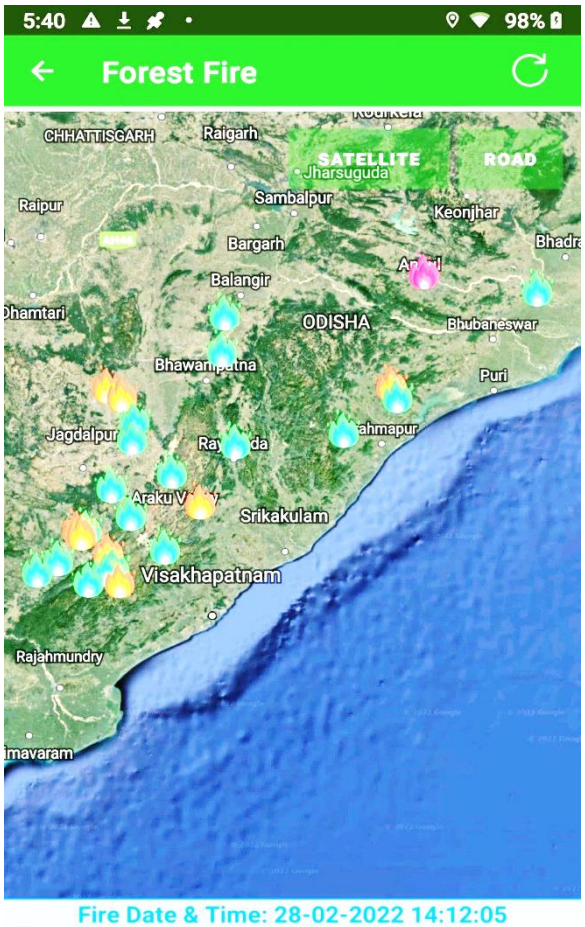
(Screen display of fire app showing the auto fetching fire point from FSI server, navigating to the fire spot, responding through App. and syncing to the server for monitoring.)



Bar showing distance covered through foot patrolling by different Forest Divisions)



Fire Points received from FSI downloaded in Mobile App shown in Orange/ Repeat Fire Points in Pink

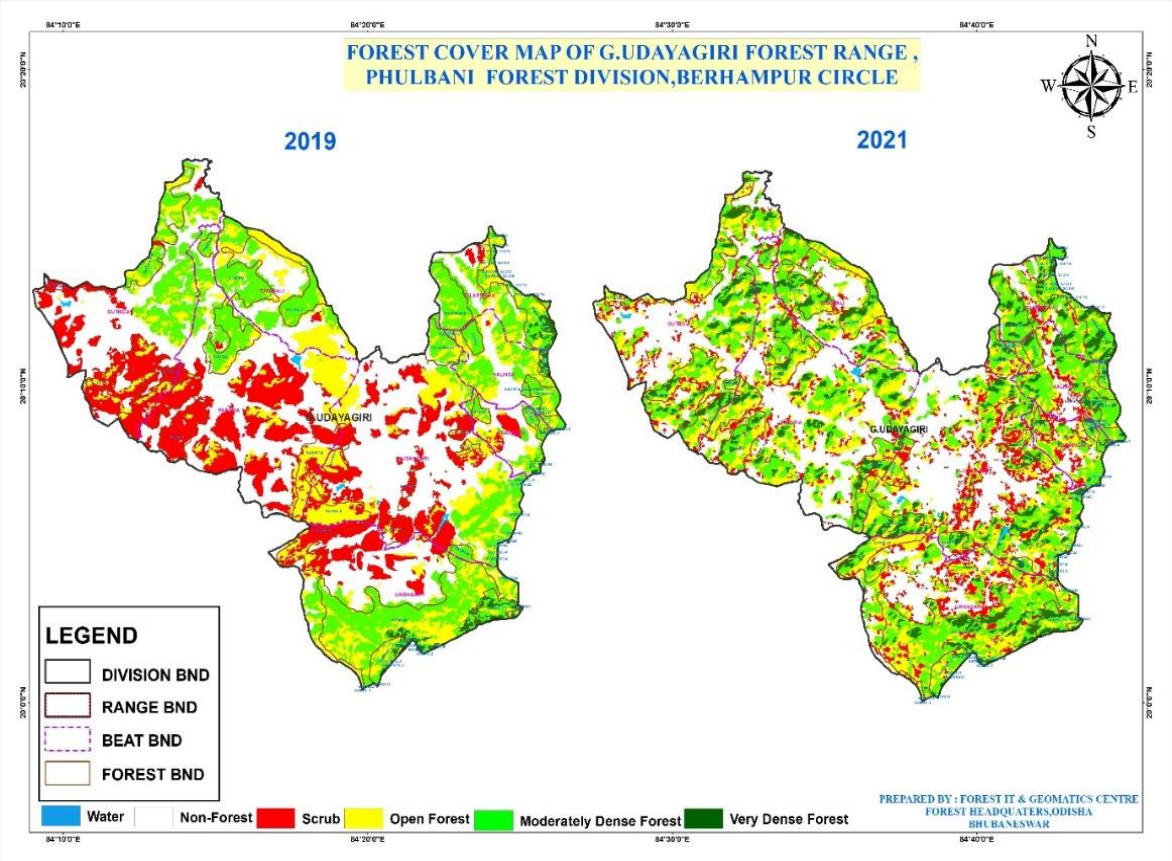


Fire Points received from FSI responded by Forest Staffs in field using Mobile Application shown in Green



(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, Compensatory Afforestation (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, schemes, year of project etc. are recorded. About 65,065 different assets are mapped in the field. Out of Which 16,532 Nursery sites & 30,691 afforestation sites are monitored regularly through mobile/web applications. A few images given below are used for monitoring purpose.



(Monitoring of different works in different years)



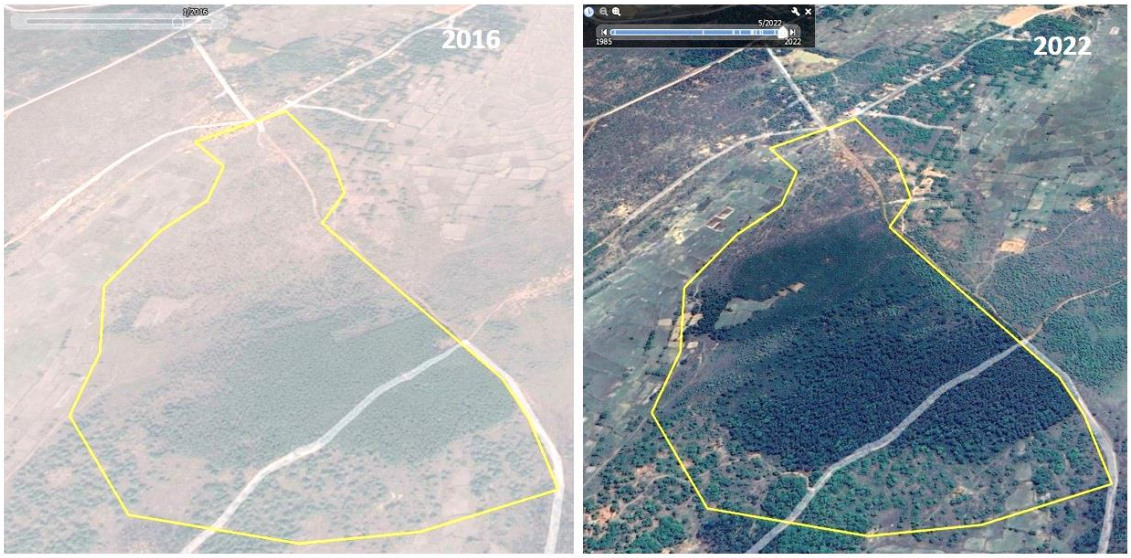
ANR With Gap Plantation at Nuagaon RF 100 Ha in Madhapur Range of Athamallik Division APO-2016-17



Kendrikela RF CA-Block Plantation over 196.276 Ha in Bonai Range of Bonai Division



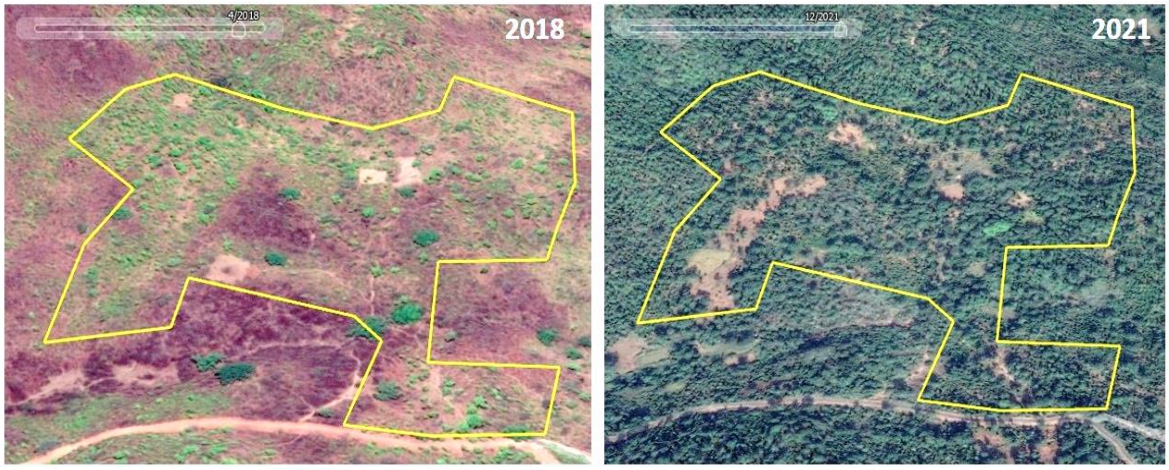
Construction of Forest Guard Quarter at Kusakala of BJP Range APO 2013-14 BJP Range in Keonjhar Division



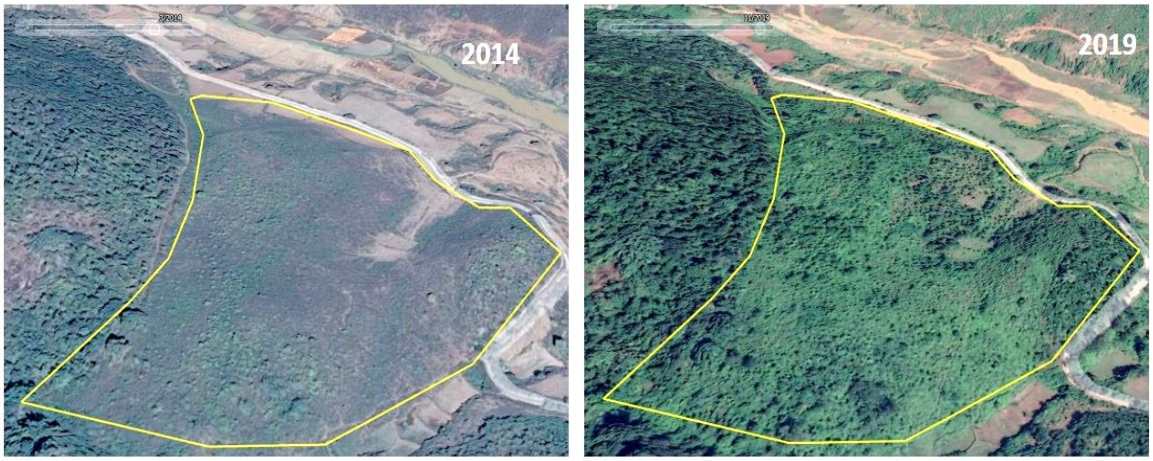
BLOCK PLANTATION AT UCHAGAON-KATISOLE UNDER BANGRIPOSI RANGE BARIPADA DIVISION



CA,PCA AVENUE PLANTATION OVER AN 1.068 RKM, AT FULJHOR ROAD BISRA RANGE-ROURKELA FOREST DIVISION



AR BLOCK PLANTATION Balliguda Division-K Nuagaon Range



Bald Hill Plantation Borigumma Range Jeypore 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 developed. The user can get the geo-location of the 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. About 83,500 users have downloaded the application.

(v) Jungle: My Odisha Forest

One new Application named "Mo Jungle: My Odisha Forest App" has been developed for public assistance. 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 8,414 number of plantations, nursery etc. assets created during the year 2022 & 2023 are available for public access and they can give their feedback on any plantation site. About 700 users have downloaded the application.

3) Fiscal Monitoring:

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. It help to 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 to improve 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 from 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 & Training Divisions) and Nandankanan Zoological Park where CAMPA fund is utilized. 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 of 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 Waterhouse Coopers Private Limited (PwC Pvt. Ltd.) as per the provision of CAMPA Act and Rules. The PWC Pvt. Ltd. has submitted the 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 was 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 objective of CAMPA.

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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

Compensatory afforestation is one of the most important conditions stipulated by the central government while approving proposals for dereservation or diversion of forest land for non -forestry use as per Forest conservation Act 1980. It is essential that with all such proposals, a comprehensive scheme for compensatory afforestation is formulated and sumitted to central government. In compliance to the order of Hon'ble Supreme Court of India, creation of a body namely, Compensatory Afforesation Management and Planning Authority (CAMPA) was effected.

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 as per Forest (Conservation) Act 1980 up to September 2022 is 60190 ha. In lieu of diverted forest land, MoEF & CC has stipulated compensatory afforestation over 80843.09 ha during the period up to September 2022. The compensatory afforestation over 75278.29 ha has already been undertaken till 2022-23 plan period. An area of 1962.919 ha has been included in current APO 2023-24. (The area under CATP, Other Stipulations etc. are taken up separately)

Sl. NO.	Area Category	Area in Ha
1.	The total area diverted upto September 2022	60190.00 Ha
2	Stipulation of Comp Affn. UptoSeptember 2022	80843.09 Ha
3.	Achievement upto September 2022	75278.29 Ha
4.	Balance Area to be covered	5564.80 Ha
5.	Proposed area for Comp. Affn in APO 2023-24	1962.919 Ha

1. COMPENSATORY AFFORESTATION DETAILS:

1.1 Current Year Activities



The prime mandate of CAMPA is to fulfill the targets of compensatory afforestation planatation programme. Various models of plantation activities proposed under CA, PCA, Addl. CA in APO 2023-24 are 504.0802 ha in block plantation mode, ANR with gap over 1330.5039 Ha , ANR without gap over 154.034 ha, bald hill over 603.7544 ha and tall tree palnatation of 29346 numbers . To achieve the targets of APO 2023-24 a financial outlay of Rs **4190.79173** lakhs has been provisioned during APO 2023-24. This includes ancillary activities for above CA, PCA, etc. as per approved site-specific scheme with a financial outlay of Rs 2122.24 lakh**.** 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 also been included 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 also been included 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 2024-25 have been included in the APO 2023-24. 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

First Year Planting to be carried out during 2023-24 (Rs in Lakhs)				
(i)	First Year planting of currentCA to be carried out during 2023-24	AR (in Ha)	210.78	1130.40768
		ANR (in Ha)	990.306	
		ANR without Gap	122.285	
		Bald Hill (in Ha)	603.7544	
		Bald Hill Against Exploratory Drilling (in Ha)	32.467	
		Total (In Ha)	**1962.919**	
	Ancillery Activities to be taken up with CA during 2023-24			1664.0037
(ii)	CATP			115.11893
(iii)	Other Stipulations to be carried out during 2023-24	AR (in Ha)	43.6775	115.78666
		ANR (in Ha)	300.198	
		ANR without Gap (in Ha)	31.749	
		Total (In Ha)	**375.6245**	
		Tall Tree Plantation	**86 Nos**	
	Ancillery Activities to be taken up with Other Stipulations during 2023-24			453.83149
(iv)	Stipulation against Exploratory Drilling to be carried out during 2023-24	CA	35.79	711.64660
		Tall Tree Plantation	108.829 ha	
			29260 Nos	
				4190.79173

Table 1.1.2 Division wise current year CA, PCA afforestation activities

Sl No.	Name of the Division	Compensatory Afforestation					Other Stipulations				
		AR	ANR	ANR without Gap	Bald Hill	Total	AR	ANR	ANR Without Gap	Total	Tall Tree Plantn (Nos)
1	2	3	4	5	6	7	8	9	10	11	12
1	Keonjhar	120.640	373.471	8.380	0	502.491	9.6575	52.781	0	62.4385	0
2	Bonai	0	37.146	0	0	37.146	15.392	100	31.749	147.141	0
3	Cuttack	90	0	0	0	90	0	0	0	0	0
4	Dhenkanal	48.500	0	0	0	48.500	0	0	0	0	0
5	Kalahandi (S)		201.325	113.905	591.75 +32.467	906.984	0	0	0	0	0
6	Sambalpur	0	110	0	0	110	0	0	0	0	0
7	Rairangpur	5.392	0	0	0	5.392	2.696	0	0	2.696	0
8	Boudh	0	230	0	0	230	0	0	0	0	0
9	Bargarh	0	9.584	0	0	9.584	0	0	0	0	0
10	Jharsuguda	6.300	110	0	0	17.300	0	11.904	0	11.904	0
11	Rayagada	0	0	0	120	120	0	0	0	0	0
12	Khurdha	10.58	0	0	0	10.580	0	0	0	0	0
13	Nayagarh	0	17.780	0	0	17.780	0	0	0	0	0
14	ChandakaWL	10.372	0	0	0	10.372	0	0	0	0	86
15	Sundargarh	0	0	0	0	0	8.302	77.74	0	86.042	0
16	Malkangiri	0	0	0	0	0				0	0
17	Athgarh	0	0	0	0	0	7.63	57.773	0	65.403	0
	Grand Total	**210.784**	**990.306**	**122.285**	**636.221**	**1962.919**	**43.678**	**300.198**	**31.749**	**375.625**	**86**

Sl No.	Name of the Division	Stipulations against Exploratory Drilling				CATP		
		Tall Tree Plantn (Nos)	AR	ANR	Total	AR	ANR	Total
		13	14	15	16	17	18	19
1	Keonjhar	28160	10.131	0	10.131	0	0	0
2	Bonai	0	0	96.36	96.36	0	0	0
3	Rayagada	1100	0	0	0	0	0	0
4	Chandaka WL	0	2.338	0	2.338	0	0	0
5	Malkangiri	0	0	0	0	5	4	45
	Grand Total	**29260**	**12.469**	**96.360**	**108.828**	**95**	**4**	**135**

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

The maintenance of old plantations is quite necessary for success of plantation programme. Hence allout effort has been taken up to rejuvenate the previous APO plantations under CA, PCA which are given in the below **Table 1.2.1** the abstract of the maintenance of old plantation under CA/PCA etc in this APO.

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

Second Year Maintenance of 2022-23 Plantations to be carried out during 2023-24 (Rs in Lakhs)

(i)	Second Year maintenance of currentCA to be carried out during 2023-24	AR	448.418	427.83707
		ANR	2128.9852	
		ANR without Gap	532.1905	
		Bald Hill	63.515	
		Total	**3173.1087**	
	Second Year maintenance of Left over CA to be carried out during 2023-24	AR	8.217	26.35219
		ANR	119.022	
		ANR without Gap	107.019	
		Bald Hill	39.772	
		Total	**274.030**	
	Second Year maintenance of Back Log CA to be carried out during 2023-24	AR	174.126	158.79108
		ANR	758.2609	
		ANR without Gap	188.552	
		Bald Hill	64.791	
		Total	**1185.7299**	
(ii)	Second Year maintenance of CATP to be carried out during 2023-24			50.62365
(iii)	Second Year maintenance of Other Stipulations to be carried out during 2023-24	AR	12.7393	10.38282
		ANR	18.34	
		Total	**31.0793**	
		Tall Tree Plantation	**1700 Nos**	
(iv)	Second Year maintenance of stipulation against Exploratory Drilling to be carried out during 2023-24	Tall Tree Plantation	**1.61 Ha + 11550 Nos**	21.25626
Third Year Maintenance of 2021-22 Plantations to be carried out during 2023-24				
(i)	Third Year maintenance of current CA, PCA, Addl CA to be carried out during 2023-24	AR	42.932	149.51657
		ANR	2454.207	
		ANR without Gap	3.912	
		Bald Hill	58.474	
		Total	**2559.525**	
		Extra ANR	564.615	
		Grand Total	**3124.14**	
	Third Year maintenance of Left Over CA to be carried out during 2023-24	AR	820	69.14041
		ANR without Gap	9.182	
		Bald Hill	286.132	
		Total	**377.314**	
(ii)	Third year maintenance of Other Stipulations to be carried out during 2023-24	AR	60.510	26.73325
		ANR	386.757	
		Total	**447.267**	
		+ Avenue Plantation	10.116 RKM + 340 Nos	
Fourth Year Maintenance of 2020-21 Plantations to be carried out during 2023-24				
(i)	Fourth year maintenance of CA,PCAof 2020-21 to be carried out during 2023-24	AR	78.626	175.15557
		ANR	2546.227	
		ANR without Gap	449.496	
		Bald Hill	727.852	
		Total	**3802.201**	

(ii)	Fourth year maintenance of other stipulation of 2020-21 to be carried out during 2023-24	AR	8.835	5.58293
		ANR	137.990	
		Total	**146.825**	
		Tree Plantation	5050 Nos	
Fifth Year Maintenance of 2019-20 Plantations to be carried out during 2023-24				
(i)	Fifth year maintenance of CA,PCA of 2019-20 to be carried out during 2023-24	AR	247.7890	87.40445
		ANR	2826.6652	
		Bald Hill	227.5000	
		Total	**3301.9542**	
	Fifth year maintenance of Left over CA of 2019-20 to be carried out during 2023-24	AR	0	1.12213
		ANR	4.48	
		ANR without Gap	93.17	
		Total	**97.65**	
(ii)	Fifth year maintenance of other stipulations of 2019-20 to be carried out during 2023-24	AR	20.786	61.45916
		ANR	1661.563	
		Bald Hill	155.747	
		Total	**1838.096**	
	Fifth year maintenance of Left over CB of 2019-20 to be carried out during 2023-24	Canal Bank Plantation	31.1 RKM	0
Sixth Year Maintenance of 2018-19 Plantations to be carried out during 2023-24				
(i)	Sixth Year Maintenance of CA of 2018-19 to be carried out during 2023-24	AR	125.2349	20.49856
		ANR	1066.2507	
		Total	**1191.4856**	
	Sixth Year Maintenance of Backlog CA of 2018-19 to be carried out during 2023-24	AR	35.58	2.23930
	SixthYear Maintenance of Surrendered CA of 2018-19 to be carried out during 2023-24	AR	3.2200	0.96634
		ANR	72.8047	
		Total	**76.0247**	
(ii)	Sixth Year Maintenance of Other Stipulations of 2018-19 to be carried out during 2023-24	AR	10.449	2.20554
		ANR	79.301	
		Total	**89.750**	
		Tree Plantation	640 Nos.	
	Sixth Year Maintenance of Surrendered Other Stipulation of 2018-19 to be carried out during 2023-24	Avenue Plantation	7000 Nos.	0
Seventh Year Maintenance of 2017-18 Plantations to be carried out during 2023-24				
(i)	Seventh Year Maintenance of CA 2017-18 to be carried out during 2023-24	AR	6.353	23.32103
		ANR	1036.822	
		Bald Hill	650	
		Total	**1108.175**	
	Seventh Year Maintenance of Surrender CA 2017-18 to be carried out during 2023-24	AR	69.460	39.39843
		ANR	1796.027	
		Bald Hill	870	
		Total	**1952.487**	
		Tree Plantation	100 Nos	
	Seventh Year Maintenance of Backlog CA 2017-18 to be carried out during 2023-24	ANR	10.59	0.11108
(ii)	Seventh Year Maintenance of 2017-18 Other Stipulations to be carried out during 2023-24	AR	0	0.37191
		ANR	35.455	
		Total	**35.455**	
Eighth Year Maintenance of 2016-17 Plantations to be carried out during 2023-24				
(i)	Eighth Year Maintenance of CA of 2016-17 to be carried out during 2023-24	AR	373.0975	48.17244
		ANR	2353.8584	
		Total	**2726.9559**	

(ii)	EighthYear Maintenance of other stipulations of 2016-17 to be carried out during 2023-24	AR	28.801	5.27387
		ANR	329.973	
		Total	**358.774**	
(iii)	Eighth Year Maintenance of CATP of 2016-17 to be carried out during 223-24	ANR	620	0.65035
Ninth Year Maintenance of 2015-16 Plantations to be carried out during 2023-24				
(i)	Ninth Year Maintenance of CA of 2015-16 to be carried out during 2023-24	AR	169.143	19.07866
		ANR	803.976	
		Total	**973.119**	
(ii)	Ninth Year Maintenance of other stipulations of 2015-16 to be carried out during 2023.24	AR	1.468	8.68775
		ANR	18.702	
		Total	**20.170**	
		Avenue Plantation	30.44 RKM	
Preliminary Operation				
	Preliminary Operation to be taken up during 2023-24 for carrying out Plantation in 2024-25 (Tentative)	Block	300	330.76692
		ANR	3000	3642.34500
		Bald Hill	700	1265.98458
			Total	**10872.22103**

The financial outlay for CA, PCA, CATP and Other Stipulation component under APO 2023-24 is Rs 41.908 Cr. and for maintenance of plantation and PO work the financial outlay has been proposed for Rs.66.812 Cr. Division wise/ Project wise details of CA/PCA Plantation and maintenance of old plantation is given in **Annexure -II-I.**

2. INTEGRATED WILDLIFE MANAGEMENT PLAN

The 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. 2Cr.)
B. Site specific Wildlife Conservation Plan (Rs. 87.24 Cr.)

A. Regional Wildlife Management Plan:

While sending proposals for diversion of forest land for mining purpose, State Government stipulated for realisation of cost towards implementation of Regional Wildlife Management Plan in the wildlife impact areas in the state. The State Govt. has fixed the cost norm for realisation of cost towards implementation of Regional Wildlife Management Plan. The following is the cost norm which is revised from time to time based on the revision of minimum wage rate by State Government for implementation of Regional Wildlife Management Plan and is detailed below.

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.150/-	Rs.43,000/-	06.10.2012 to 04.12.2016	20693/F&E dt 05.10.2013

Government of Odisha in Forest & Environment Department have approved the proposal for preparation of a comprehensive Wildlife Management Guidance (OSCOW-

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. and WTI have submitted the final plan This year **Rs.200 lakh** is being proposed for its implementation in 8 specific areas namely, Species Specific Management Programme, Eco-restoration Programme, *Ex-situ* and *In-situ* Integration Programme, Capacity Enhancement, Human Wildlife Conflict Management, Wildlife Protection Enforcement, Trans Boundary issues of Wildlife Management & Co-ordination, Education and Awareness.

Implementation of Regional Wildlife Management Plan (RWLMP) for the State

Activity	Unit	Unit cost	Qty	Amt (Rs in Lakh)
1. Species specific Management Programme.	LS			75
2. Eco restoration programme.	LS			45
3. Ex-situ In-situ Integration programme.	LS			35
4. Capacity enhancement.	LS			45
5. Human-Wildlife Conflict Management.	LS			43
6. Wildlife Protection Enforcement.	LS			5
7. Trans Boundary Wildlife Mgt and Coordination.	Nos.	5	4	2
8. Education and Awareness.	LS			175
Total (RWLMP):				**200**

The details sites for afforesaid interventions will be prioritised as per the guidelines stated SUPRA and funds approved.

B-Implementation of Site-Specific Wildlife Conservation Plan:

This component is the first charge under CAMPA APO for which the user agency has already deposited as per the plan approved by PCCF (WL) & CWLW, Odisha in compliance to either the stipulation raised in stage-I order of the forest clearance under Forest Conservation Act, 1980 or as ToR conditions under Environmental Protection Act, 1986 or both.

Apart from utilising the funds for those SSWLCP which have received final forest/ Environmental clearance and requisitioned by the DFOs, this APO proposes to utilise funds of those SSWLCP only of linear projects who have received stage-I forest clearance or initial environmental clearance and have deposited the entire amount.

Reason for picking up implementation of SSWLCP of stage-I approved linear project is that these are one time project that normally get completed before even submission of compliance to stage-I order. Further the adverse impact of such projects are not localised and span over long stretches for which ameliorative measures become crucial to ensure safety, wellbeing and unhindered movement of the wildlife inhabiting in those affected landscapes.

Since, APO: 2011-12, the site-specific wildlife conservation plans are being implemented. Up to APO: 2021-22 an amount of **Rs.13770.51 lakh** have been utilized. A provision of **Rs.8723.89 lakh** has been made in the APO: 2023-24.

It is proposed to implement 16 new Site-Specific Plans in addition to 97 running Site-Specific Plans of previous years covering 35 Divisions in this plan. It is clarified here that some of the SSWLCPs are being implemented in more than one division due to which the total no. of running projects comes to 123. However, the actual no of standalone running project is 97 with 16 no of new projects being added this year totalling to **113** projects with a cost of **Rs.8723.89 lakh,** for which provisions of funds have been made under APO 2023-24.

Division wise details of Site-Specific Wildlife Conservation Plan.

Sl. No.	Name of the Division	No. of Projects	Amount	Remarks	
			(Rs in Lakh)	Old	New
1	Angul	8	723.84	6	2
2	Dhenkanal	12	850.23	10	2
3	Athgarh	3	120.89	3	0
4	Athmallik	5	409.42	3	2
5	Cuttack	18	397.28	17	1
6	Rairangpur	1	51.9	1	0
7	Karanjia	2	154.97	2	0
8	Baripada	1	28.34	1	0
9	Keonjhar (WL)	2	140.99	2	0
10	Boudh	3	371.93	1	2
11	Ghumsur North	1	221.84	0	1
12	Phulbani	2	195.53	1	1
13	Khariar	1	13.67	1	0
14	Subarnapur	2	96.15	1	1
15	Bolangir	3	390.05	1	2
16	Rajnagar (WL)	2	253.51	1	1
17	Bhadrak (WL)	2	57.76	1	1
18	Nayagarh	1	104.03	1	0
19	Khordha	1	22.57	1	0
20	Chandaka WL	1	61.2	1	0
21	City Forest	1	25.87	0	1
22	Rayagada	5	72.32	4	1
23	Koraput	1	108.83	0	1
24	Jeypore	1	56.15	0	1
25	Nawarangpur	1	197.16	0	1
26	Keonjhar - T	21	894.75	20	1
27	Bonai	20	321.48	19	1
28	Rourkela	7	357.64	6	1
29	Sundargarh	4	274.69	2	2
30	Deogarh	6	455.05	4	2
31	Jharsuguda	7	485.14	5	2
32	Sambalpur	7	278.88	5	2
33	Bamra (WL)	4	265.16	2	2
34	Rairakhol	3	395.28	1	2
35	Bargarh	1	122.7	0	1

The abstract of activities and financial outlay for each activity are enclosed as **Annexure -II-II.**

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

The role of forest and forestry is changing rapidly and profoundly which poses significant challenges and needs successful navigation of the transition. The Forest, Environment and Climate Change Department is actively engaged in the conservation and development of Biodiversity and Ecosystems in the State. The department is mandated to manage, conserve to protect forest and wildlife resources in the State through afforestation and regeneration of degraded forest lands, forest protection as well as socio-economic up-liftment of people in the forest fringe areas and sustainable management of forests and wildlife. Massive plantation programme mandated under CAMPA to enhance the green cover. Afforestation programme of naturally regenerated forest with silvicultural operation, SMC activities & plantation in gap & Block plantation mode accommodating site specific species. In APO 2023-24 emphasis given on raising ANR plantation @ 500 plants /Ha and plantation @200 plants /Ha with all indigenous miscellaneous species in consonance with prevailing working plan /working scheme. In case of AR mode model of plantation both 1600/Ha &1000/Ha has been incorporated in APO considering availability of area, site condition and prevailing working plan/ working scheme.

ABSTRACT OF PHYSICAL & FINANCIAL OUTLAY FOR DIFFERENT ACTIVITIES UNDER NPV AND INTEREST MONEY FOR APO 2023-24. (Rs in Lakh)

Sl	CAF Rule	Activity	Unit	Physical Target	Unit Cost	Financial Outlay
(80% NPV) Activities						
		Plantation (Creation) excluding cost of seedlings				
1	*Rule 5(2)(a)*	**ANR Plantation (0th + 1st Year)**				
		Vanya Silk Pl. 500 pl/ha	Ha	1255	0.36415	457.01
		Fodder & Fruit Pl. @ 500 pl/ha	Ha	2445	0.36415	890.35
		ANR Gap RET/Medicinal @ 200 pl/Ha	Ha	7905	0.21034	1662.74
		Other Indigenous misc Species @ 500 pl/Ha	Ha	16969	0.36415	6179.26
		Total ANR		**28574**		**9189.35**
2	*Rule 5(2)(b)*	**AR Plantation (0th + 1st Year)** excluding cost of seedlings except Mangrove & Casuarina				
		AR Plantation economic @ 1600 pl/Ha.	Ha	73	1.20150	87.71
		AR Indigenous Species Plantation @1600 Plants/Ha	Ha	701	1.20150	842.25
		AR Indigenous Species Plantation @1000 Plants/Ha	Ha	341	0.92274	314.65
		Phasi Plantation @1600 Plants/Ha	Ha	48	1.20150	57.67
		River Rejuvenation Plantation @ 1600 Plants/Ha	Ha	190	1.20150	228.29
		Bald hill Plantation @ 1600 Plants/Ha	Ha	968	2.11688	2049.14
		Fooder & Fruit Pl @1600 Plants/Ha	Ha	189	1.20150	227.08
		Casuarina Plantation (in Protected Areas only) @ 2500 Plants/Ha	Ha	22	1.83265	40.32
		Mangrove Plantation @ 2500 Plants/Ha	Ha	5	0.98649	4.93
		Mangrove Plantation (Hypocotyle) @4445 Plants /Ha	Ha	15	0.37360	5.60
		Total AR Plantation		**2552**		**3857.65**
		Total Plantation (Creation)		**31126**		**13047.00**

		Maintenance of Plantation				
3	*Rule 5(2)(a)(b)*	**2nd Year Maintenance**				
		Vanya Silk Pl. @500 pl/ha	Ha	1807	0.10340	186.84
		Fodder & Fruit Pl. @ 500 pl/ha	Ha	2760	0.10340	285.38
		ANR Gap RET/Medicinal @ 200 pl/Ha	Ha	2402	0.07429	178.44
		other Indigenous misc Species @ 200 pl/Ha	Ha	44898	0.07429	3335.47
		AR Plantation economic @1600 pl/Ha	Ha	190	0.35430	67.32
		AR Indigenous Species Plantation @1600 Plants/Ha	Ha	1235	0.35430	437.56
		AR Indigenous Species Plantation @1000 Plants/Ha	Ha	1050	0.30887	324.31
		Phasi Plantation @1600 Plants/Ha	Ha	85	0.35430	30.12
		River Rejuvenation Plantation @1600 Plants/Ha	Ha	80	0.35430	28.34
		Bald hill Plantation @ 1600 Plants/Ha	Ha	970	0.42712	414.31
		Fooder & Fruit Pl @1600 Plants/Ha	Ha	60	0.35430	21.26
		Casuarina Plantation (in Protected Areas only) @ 2500 Plants/Ha	Ha	157	0.76164	119.58
		Mangrove Plantation @ 2500 Plants/Ha	Ha	8	0.22070	1.77
		Mangrove Plantation (Hypocotyle) @ 4445 Plants /Ha	Ha	125	0.11848	14.81
		3rd year Maintenance		**55827**		**5445.51**
		ANR Pl. @200 pl/Ha	Ha	35515	0.07118	2527.96
		AR Pl. @1600 pl/Ha	Ha	1490	0.28242	420.81
		Bald Hill @1600 pl/Ha	Ha	1326	0.26049	345.41
		Bamboo @400 pl/Ha	Ha	1370	0.18234	249.81
		Miyawaki @8000 pl/Ha	Ha	13	4.54094	59.03
		Fodder & Pruit @1600 pl/Ha	Ha	105	0.28242	29.65
		Casuarina @2500 pl/Ha	Ha	46.1	0.26050	12.01
		RET (with Gap) @200 pl/Ha	Ha	130	0.07118	9.25
		RET (without Gap) @200 pl/Ha	Ha	70	0.05245	3.67
		4th year Maintenance		**40065**		**3657.60**
		ANR Pl. @200 pl/Ha	Ha	39900	0.05130	2046.87
		AR Pl. @1600 pl/Ha	Ha	1500	0.07312	109.68
		Bald Hill @1600 pl/Ha	Ha	875	0.23602	206.52
		Fodder & Fruit Pl. @1600 pl/Ha	Ha	385	0.07312	28.15
		Miyawaki @ 8000 pl/Ha	Ha	4	2.98331	11.93
		RET (with Gap) @200 pl/Ha	Ha	85	0.05130	4.36
		RET (without Gap) @200 pl/Ha	Ha	799	0.05130	40.99
				43548		**2448.50**
		Total Maintenance (2nd +3rd +4th year)		**139440.10**		**11551.61**
		Total Plantation (Creation+ Maintenance)				**24598.62**
4	*Rule 5(2) (a)(b)(g)*	**Ama Jangala Yojana**				
		Ama Jangala Yojana Phase-II (seedling to be planted during 2023-24 (3 months)	Nos	0.55 Cr	0.00006	346.01
		Ama Jangala Yojana Phase-I (Maintenance of old Plantation)	Ha			2375.00

		Total Ama Jangala Yojana				**2721.01**
5	*Rule 5(2) (c)*	Silvicultural Operation of Bamboo	Ha	95000	0.02664	2530.80
		Silvicultural Operation & maintenance of research garden	LS			250.00
		Total Silvicultural Operation				**2780.80**
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			3000.00
		Protection of Forest through provisioning of mobility by hired vehicle (whole the year)	Nos	316	5.4000	1706.40
		Total Protection				**4706.40**
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 (5 Months) (@ 4.995+2.25 Veh)	No.	213	7.2450	1543.19
		Creation and Maintenance of fire line	KM	19500	0.0333	649.35
		Procurement of Fire Blower including fuel and other accessories	Nos	306	0.6500	198.90
		Logistic support for fire squads	LS	213	0.8500	181.05
		Training on Forest Fire to the frontline Forest Staff	Nos	283	0.1000	28.30
		Awareness Campaign in the ranges	Nos	283	0.5000	141.50
		Fire Watch Tower	No.	10	20.000	200.00
		Total Fire Prevention and Control Operations				**2942.29**
8	*Rule 5(2) (g)*	Soil and Moisture Conservation in Forest area	Ha	15427	0.3500	**5399.45**
		Total NPV 80%(General)				**43148.56**
		WildLife Management 80% NPV				
9	*Rule 5(2)(d)*	**Protection and Anti-Depredation Activities**				
		Anti-depredation equipments/Tracking devices.	Nos.	84	4.000	336.00
		Boat patrolling for protection activities including POL, Wages and maintenance.	Nos	103	LS	150.00
		Fencing and Erection of physical barriers like Solar Fencing, trench fencing, fencing of dugwell, ditches etc. and it's maintenance including implementation of schemes like Jana Surakshya Gaja Rakshya etc.	Rkm.	78 (Trench)	8.500	1000.00
				71 (Solar)	4.746	
		Human wildlife conflict mitigation through community participation schemes like Gajasathi in identified vulnerable ranges.	No.	1000	0.500	500.00
		Protection of Wildlife, its habitat and prevention of Wildlife Crime.	LS			150.00
		Maintenance of Boundary of protected Areas.	Rkm.	480	0.250	120.00
		Protection and Anti-Depredation Activities				**2256.00**

10	*Rule 5(2)(f)*	**Forest Fire Prevention and Control operations**				
		Fire-fighting Squads inculding hired vehicle & it's fuel Rs 45000/- per month	Nos.	58	7.245	420.21
		Fire-fighting equipments including Blowers along with fuel.	Nos.	100	0.650	65.00
		Logistics support for the fire fighting squads.	Nos.	58	0.850	49.30
		Fire line Creation & maintenance.	KM	7000	0.033	233.10
		Construction of Fire Watch Tower.	Nos.	10	20.000	200.00
		Forest Fire Prevention and Control operations				**967.61**
11	*Rule 5(2)(i)*	**Wildlife Habitat Restoration and Improvement**				
		Creation of water body (40m x 30m x 3m)	Nos.	150	6.2000	930.00
		Maintenance of Water Body created during previous years.	Nos.	100	1.0000	100.00
		Plantation of Fruit Bearing and Fodder species around water bodies and maintenance thereof.	Nos	6350	0.0051	32.39
		Second year maintenance of plantation of Fruit & Fodder species around water bodies	Nos	1750	0.0020	3.50
		Third year maintenance of plantation of Fruit & Fodder species around water bodies	Nos	5500	0.0012	6.60
		Creation of meadows	Ha.	800	0.300	240.00
		Maintenance of Meadow.	Ha.	750	0.150	112.50
		Bamboo seedball/rhizome plantation and aerial broadcasting of seeds to enrich elephant fodder availability.	Ls			50.00
		Invasive weed eradication.	Ha	1000	0.100	100.00
		Creation of ficus plantation with 18 months old seedlings.	Ha	100	1.200	120.00
		Bamboo clump improvement through appropriate silvicuture operation @ 8 mandays/ ha and treatment of 50 clumps/ha using appropriate silvicutural operation.	Ha	5000	0.02664	133.20
		Creation and maintenance of salt licks.	Nos.	100	0.500	50.00
		Water Harvesting structure	Nos.	50	10.500	525.00
		Black Buck Conservation				60.00
		Conservation and wet land management of migratory bird congrigation areas outside PAs	LS			140.00
		Protection, assessment and monitoring of RET species and their habitat within and outside Protected Areas through community participation.	Nos.	90	21.860	1967.40
		Wildlife Health Management including Cattle vaccination/awareness and over 400 nos. of animal health camps.	LS	400	0.500	200.00
		Wildlife Habitat Restoration and Improvement				**4770.59**
12	*Rule 5(2)(k)*	**Establishment, operation and maintenance of animal rescue centre and veterinary treatment facilities for wild animals:**				

		Maintenance of Nandankanan & Other zoo.	LS			800.00
		Establishment of Rescue Centre and Veterinary treatment facilities and maintenance	LS			300.00
		Establishment, operation and maintenance of animal rescue centre and veterinary treatment facilities for wild animals:				**1100.00**
13	*Rule 5(2)(m)*	**Management of biological diversity and biological resources.**				
		Biodiversity assessment of Protected Areas.	No.	5	1.00	5.00
		Monitorirng, surveilance and protection of meta population of important wildlife species including RET species outside protected areas through local communities.	In Nos.	90	21.86	1967.40
		Management of biological diversity and biological resources.				**1972.40**
14	*Rule 5(2)(h)*	Relocation of Villages in Protected Areas	LS			**5000.00**
		Total WildLife Management (NPV 80%)				**16066.60**
		80 % NPV (Gen+WL)				**59215.15**
		20% NPV				
15	*Rule 5(3)*	Capacity Building of frontline forest Staff and other stake holders	LS			200.00
16	*Rule 5(3)(a)*	Improvement of Permanent Nurseries	LS			500.00
17	*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			800.00
18	*Rule 5(3) (d)*	**Construction & maintenance of Forest Roads /Path etc.**				
		Maintenance of Forest Road	K.M.	1147	0.6900	791.43
		Culvert	Nos	134	1.5300	205.02
		Sub Total (General)				**996.45**
19	*Rule 5(3) (e)*	**Construction of Residential /Office Building for frontline staff etc.**				
		Range Office	Nos	6	31.650	189.90
		Range Officer Residence	Nos	4	24.521	98.08
		Forester Qtrs	Nos	50	20.389	1019.45
		IV - Forester Qrs	Nos	6	20.389	122.33
		Forest Guard Qtrs	Nos	180	16.290	2932.20
		IV-Forest Guard Qrs	Nos	6	16.290	97.74
		Seizure Yard	Nos	20	12.000	240.00
		Total Construction of Residential….				**4699.71**
20	*Rule 5(3) (f)*	Casual Engagement of Local youth to assist regular staff of state forest department for protection of forest and wildlife undertaken from State Fund (10 person each in 227 units for whole year)	Nos	227	16.772	3807.24
21	*Rule 5(3) (g)*	Survey & Mapping of Forest Areas to create Land Bank for Compensatory Afforestation	LS			173.00
22	*Rule 5(3) (h)*	Monitoring & Evaluation including 3rd party monitoring	LS			250.00

23	*Rule 5(3) (i)*	Publicity Awareness including setting up of Forest Museum	LS			500.00
		Total NPV 20% (General)				**11926.40**
		WildLife Management				
24	*Rule 5(3) (c)*	**Equipment/Devices for Communication & IT activity**				
		Instalation of VHF base station, and maintenance thereof including satellite tracking.	Nos.	200	1.500	300.00
		Equipments for monitoring of wild animals and the protection activities.	Nos.	100	5.000	500.00
		Comm. and information Technology, data analysis and data managing etc.	LS			150.00
		Sub Total Equipment/Devices for Communication & IT activity				**950.00**
25	*Rule 5(3) (d)*	Construction & maintenance of Forest Roads /Path /Anti-poaching Barrack/F.JT etc.				
		Maintenance of Forest Road/Inspection path.	KM	1000	0.690	690.00
		Anti-poaching Barrack.	Nos.	10	20.000	200.00
		Floating Jetty.	Nos.	4	15.000	60.00
		Sub Total Construction & maintenance of Forest Roads /Path /Anti-poaching Barrack/F.JT etc.				**950.00**
26	*Rule 5(3)(i)*	Publicity Awareness	LS			100.00
		20 % NPV (WL)				**2000.00**
		Utilization of Interest Money				
		60 % of Interest Money				
27	*Rule 6(a) (i) (ii)(iii)*	Escalation of program cost due to revision of wage rate	**LS**			**200.00**
28	*Rule 6(a) (vi)*	Maintenance of 18 months seedling to be planted during 2023-24 (3 months)	Nos	1.88 Cr	0.00006	1183.00
		Maintenance of 18 months seedling to be planted during 2024-25 (12 months)	Nos	2 Cr	0.00047	9352.00
		Raising of 18 months seedling to be planted during 2025-26 (3 months)	Nos	2 Cr	0.0001	2122.00
		Total maintenance Raising Seedlings…				**12657.00**
		Total 60 % of interest funds				**12857.00**
		40 % of Interest Money				
29	*Rule 6(b) (i)*	Mgt of office establishment of State Authority	LS			300.00
30	*Rule 6(b) (vi)*	State Forest Academy	LS			500.00
		Charges for consumption of internet data etc. and other contigency of State Authority	LS			200.00
		Total 40% of interest funds				**1000.00**
Total Interest (60% +40%)						**13857.00**
Grand Total (NPV 80% + NPV 20% +Interest 60% + Interest 40%)						**86998.55**

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. Wildlife Protection and Management

B. UNDER 20% NPV CATEGORY

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

C. UNDER INTEREST 60 % CATEGORY

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

D. UNDER INTEREST 40 % CATEGORY

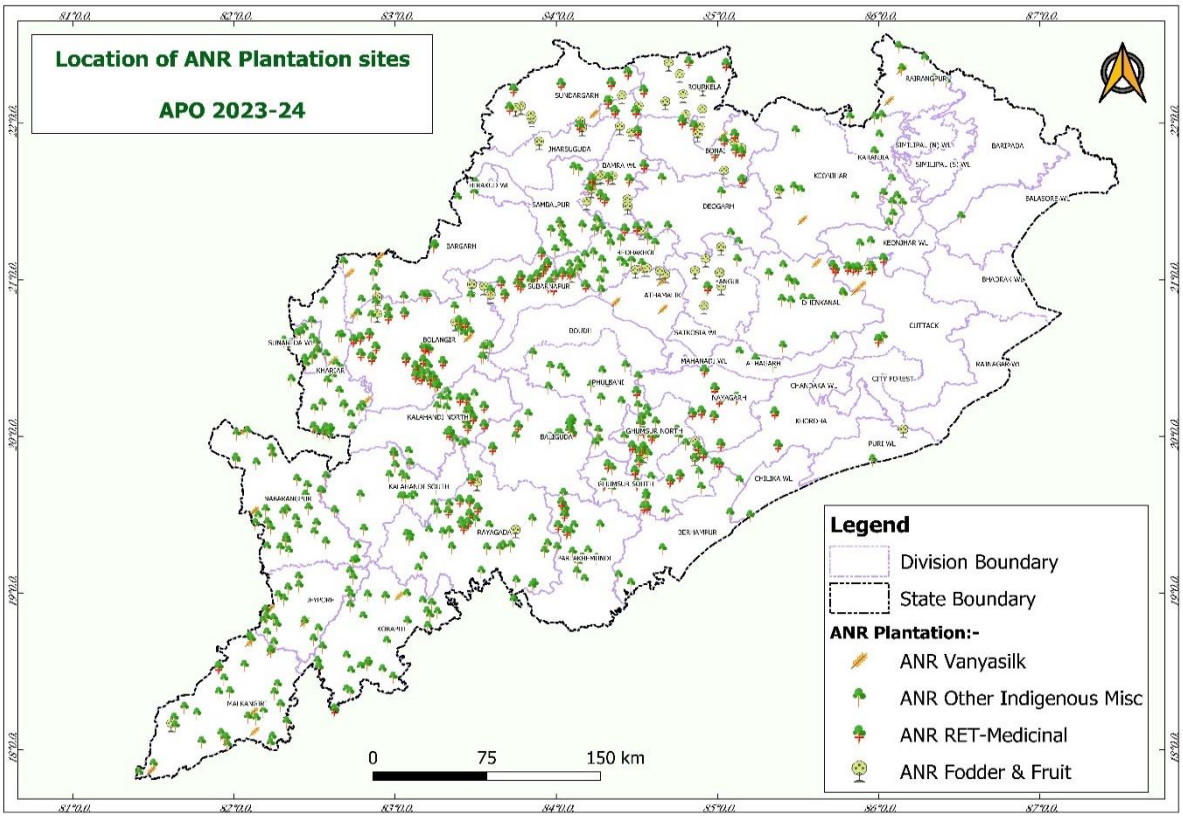
20. Expenditure of State Authority
21. State Forest Academy
22. Charges towards Data connection

A. ACTIVITIES UNDER 80% NPV CATEGORY

1. New plantation:

The primary manadate of CAMPA is to enhance the green cover in the forest floor by raising massive plantation programme through various site specific models in consonance with prevailing working plan/Working Scheme and wildlife mamngement plan. Considering the feasibility of the site, species and soil & edaphic factors, need of the socity and requirements of wildlife in the areas, different models of planataion have been proposed in APO 2023-24.

1.1 Aided Natural Regeneration (ANR)



Assisted Natural Regeneration (ANR) is a simple, low-cost forest restoration method that can effectively convert forest lands with degraded vegetation to more productive forests. The method aims to accelerate, rather than replace, natural succession processes by supplementing regeneration apart from 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 smuggling). Compared to conventional reforestation methods involving massive planting of tree seedlings, ANR offers significant cost advantages. 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. 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 2023-24 plan period ANR activities in different models are proposed in consonance with the CAF Rule 5(2)(a) over an area of **28574 ha** with a total financial outlay of **Rs.9189.35 Lakh**. The different models of ANR are furnished below with Division wise physical target and financial outlay.

1.1.1 <u>Vanya Silk Plantation @ 500 plants /Ha</u>

The State government has decided to implement 'Vanya Silk' programme for providing livelihood to forest dwellers through tasar sericulture activities. A tripartite MoU was signed between Deptt. of Handlooms and Forest, and Central Silk

Board of Ministry of Textiles. It was signed by CEO, State CAMPA, on behalf of Forest department, the partnership will pave the way for implementation Vanya (wild or non-mulberry) silk includes tasar and muga silks. Odisha which is one of the largest tasar growing areas in the country after Bihar, Jharkhand, MP and Chhattisgarh. New and increasing opportunities for providing forest-based services and product, growing business and revenue as well as creating jobs arises from this transition. The livelihood creation for the members of Vana Surakhya Samitis (VSS) by adopting sericulture farming and create a wider scope for sustainable development, women empowerment along with employment generation through Mission Shakti WSHGs.Tasar worm rearing, cocoon production will be taken up by the Forest department through VSS. The sericulture wing of Handlooms department will provide technical support for tasar favoring host tree plantation programme. Therefore, plantation of Asana, Arjun etc. in gaps in suitable degraded forest patch has been considered in this APO 2023-24. An area of **1255 Ha** in ANR mode @500 plants /Ha has been proposed in different Divisions with financial outlay of **Rs 457.01 Lakh**. 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 0.36415 Lakh Per Ha)

Circle	Division	Area (Ha)	Financial Outlay (Rs in Lakh)
Angul	Athmallik	150	54.62
	Dhenkanal	20	7.28
	Cuttack	80	29.13
Angul	**Total-**	**250**	**91.04**
Berhampur	Boudh	40	14.57
Berhampur	**Total-**	**40**	**14.57**
Sambalpur	Bargarh	95	34.59
Sambalpur	**Total-**	**95**	**34.59**
Rourkela	Sundargarh	50	18.21
	Bonai	100	36.42
	Keonjhar	50	18.21
Rourkela	**Total-**	**200**	**72.83**
Baripada	Baripada	50	18.21
	Rairangpur	30	10.92
Baripada	**Total-**	**80**	**29.13**
Bhawanipatna	Subarnapur	100	36.42
	Bolangir	100	36.42
	Khariar	100	36.42
Bhawanipatna	**Total-**	**300**	**109.25**
	Koraput	20	7.28
	Jeypore	100	36.42
	Nowrangpur	80	29.13
	Malkangiri	90	32.77
Koraput	**Total-**	**290**	**105.60**
	Grand Total-	**1255**	**457.01**

1.1.2 Fodder & Fruit Plantation @500 plants /Ha



Foods from trees/shrubs in dry lands constitute an important component of food supply in the form of fruits, seeds and other edible parts which are essential for food security. Indigenous trees/shrubs are good source of fodder as grasses dry out quickly due to short rainy season. The domestication of important indigenous trees/shrubs (fruits and fodder species) and their integration in agroforestry practices have been one of the most important forms of biodiversity conservation. The selection, retention or deliberate planting and management of trees by farmers can be considered as the beginning of the domestication process of the species. The species diversity (richness and evenness) was estimated using different biodiversity indices. The results showed that forest sites have highest fruit and fodder tree/shrub species diversity as compared to other land uses which suggest that domestication process of fruit and fodder trees has been slow with focus on only few trees. It plays key role in providing food to both wild and domesticated animals as well as carter 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 **2445 Ha** has been proposed in different Divisions with financial outlay of **Rs 890.35 Lakh**. 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 0.36415 Lakh Per Ha)

Circle	Division	Area (Ha)	Financial Outlay (Rs in Lakh)
Angul	Angul	310	112.89
	Cuttack	30	10.92
	Total-	**340**	**123.81**
BBSR	Puri WL	5	1.82
	Total-	**5**	**1.82**
Berhampur	Boudh	150	54.62
	Gh.South	100	36.42
	Gh. North	50	18.21

	Berhampur	20	7.28
	Total-	**320**	**116.53**
Sambalpur	Jharsuguda	110	40.06
	Bamara WL	220	80.11
	Total-	**330**	**120.17**
Rourkela	Sundargarh	200	72.83
	Rourkela	500	182.08
	Bonai	150	54.62
	Keonjhar	100	36.42
	Total-	**950**	**345.94**
Baripada	Baripada	50	18.21
	Total-	**50**	**18.21**
Bhawanipatna	Subarnapur	100	36.42
	Bolangir	300	109.25
	Total-	**400**	**145.66**
Koraput	Rayagada	20	7.28
	Malkangiri	30	10.92
	Total-	**50**	18.21
	Grand Total-	**2445**	**890.35**

1.1.3 RET /Medicinal Plantation @ 200 plants /Ha



Present rapid socio-economic changes and several years of unscientific collection of the valuable medicinal plant species have resulted in the depletion of their populations and habitats in nature. Many of them have become rare and endangered and some species are on the verge of extinction. Increasing human population over the last decades has also led to over-exploitation of natural resources. However, there are few pockets where these herbs still thrive and are reasonably abundant. Many plant species have still not been categorized and placed properly. Now the time has come to rejuvenate the stock of rare endangered and medicinal plant for successful use and management of forest. CAMPA, Odisha has initiated effective steps to raise RET/Medicinal plantation in suitable sites in different Divisions. Hence to increase their population in ANR Gap Plantation Mode @200 plants /ha has been proposed in this APO 2023-24. Therefore **7905 ha.** area has been identified in different forest Divisions of the State to conserve RET/Medicinal species. An outlay of **Rs.1662.738 Lakh** 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 0.21034/- Lakh Per Ha)

Circle	Division	Area (Ha)	Financial Outlay (Rs in Lakh)
Angul	Cuttack	450	94.653
	Total-	**450**	**94.653**
BBSR	Khurda	200	42.068
	Nayagarh	700	147.238
	Total-	**900**	**189.3**
Berhampur	Phulbani	60	12.6204
	Baliguda	1475	310.2515
	Gh.South	350	73.619
	Gh North	400	84.136
	Total-	**2285**	**480.6**
Sambalpur	Jharsuguda	50	10.517
	Bamara WL	440	92.5496
	Total-	**490**	**103.1**
Rourkela	Rourkela	200	42.1
	Sundargarh	400	84.136
	Bonai	430	90.4462
	Deogarh	50	10.517
	Total-	**1080**	**227.2**
Bhawanipatna	Subarnapur	1100	231.374
	Bolangir	1500	315.51
	Total-	**2600**	**546.9**
Koraput	Rayagada	10	2.1034
	Koraput	40	8.4136
	Malkangiri	50	10.517
	Total-	**100**	**21.0**
	Grand Total-	**7905**	**1662.738**

1.1.4 ANR Plantation of Other Indigenous Misc. Species @ 500/Ha



Forests are considered the most endangered due to deforestation, degradation, fragmentation, shifting cultivation and other types of anthropogenic disturbances. Primarly, forests support higher levels of native species richness and abundance than

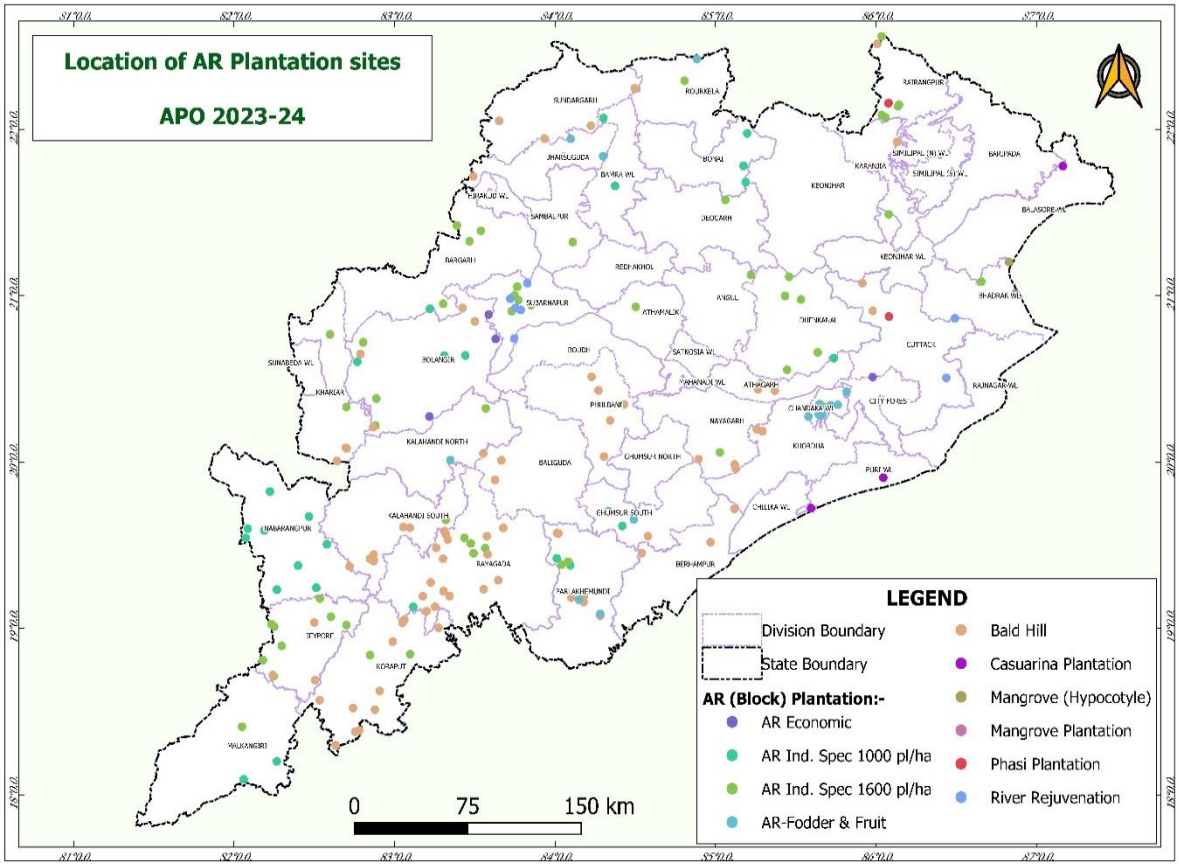
plantation forests. Plantation in forests can perform like natural forests if they are composed of locally occurring native tree species. Native species plantations may create better canopy cover and soil conditions that favours native over exotic species to be colonized. Biodiversity in the plantation forests can be enhanced through (1) conserving remnant native trees, snags, and cavity trees during harvest, (2) planting long rotational tree species, (3) utilizing native species over exotics and polycultures over monocultures, (4) avoiding intensive site preparation, and (5) maintainance of a mosaic of open to closed canopy areas to encourage native species colonization. ANR offers significant cost advantages because it reduces the costs associated with propagating, raising, and planting seedlings in gaps @500 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 **16969 Ha.** has been proposed in APO 2023-24, forest area of different Divisions with financial outlay of **Rs 6179.26 Lakh** . 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 @ 500 plants per Ha (@ Rs 0.36415 Lakh /Ha)

Circle	Division	Area (Ha)	Financial Outlay (in Lakh)
Angul	Dhenkanal	296	107.79
	Athgarh	220	80.11
	Cuttack	200	72.83
	Total-	**716**	**260.73**
BBSR	Puri WL	100	36.42
	Rajnagar WL	50	18.21
	Chilika WL	50	18.21
	City Forests	30	10.92
	Total-	**230**	**83.75**
Berhampur	Phulbani	1090	396.92
	Baliguda	460	167.51
	Boudh	800	291.32
	Gh.South	610	222.13
	Gh.North	525	191.18
	Berhampur	210	76.47
	Parlakhemundi	350	127.45
	Total-	**4045**	**1472.99**
Sambalpur	Sambalpur	400	145.66
	Rairakhol	400	145.66
	Bargarh	540	196.64
	Total-	**1340**	**487.96**
	Deogarh	160	58.26
	Keonjhar	350	127.45
	Total-	**510**	**185.72**
Baripada	Baripada	280	101.96
	Karanjia	250	91.04
	Rairangpur	380	138.38
	Balasore WL	30	10.92

	Keonjhar WL	58	21.12
	Total-	**998**	**363.42**
Bhawanipatna	Kalahandi(N)	300	109.25
	Kalahandi (S)	910	331.38
	Subarnapur	100	36.42
	Bolangir	845	307.71
	Khariar	1570	571.72
	Sunabeda WL	390	142.02
	Total-	**4115**	**1498.48**
Koraput	Rayagada	1600	582.64
	Koraput	885	322.27
	Jeypore	575	209.39
	Nowrangpur	1140	415.13
	Malkangiri	815	296.78
	Total-	**5015**	**1826.21**
	Grand Total-	**16969**	**6179.26**

1.2 Artificial Regeneration (Block Plantation)



The Forest Block allotted to Plantation working Circle are those forest in ultimate stage of degredation due to biotic factors, repeated fire hazard, grazing and encroachment. 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 the gaps not having the capacity to regenerate on its own. To make the greenery in such large gaps inside forest, the block plantations (AR Mode) has been proposed to be undertaken considering feasibility of different aspects. Different models of AR

plantation has been proposed considering the assessment of field situation by the executing Divisions. An area of **2552 Ha** in different AR mode has been proposed with financial outlay of **Rs. 3857.65 Lakhs**. The detail models are as follows

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 indigenous species of economical importance 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 **73 Ha** @ 1600 plants per Ha has been proposed in APO 2023-24 with financial outlay of **Rs. 87.71 Lakhs.** Details Division wise target is furnished below in **table 1.2.1** and site wise details in **Annexure III-V.**

Table 1.2.1 AR Plantation Economic @1600 plant/ha (AR MODE) @ Rs.1.20150/Ha

Division	Area (Ha)	Financial Outlay (Rs in Lakhs)
Cuttack	20.0	24.03
Bolangir	53.0	63.68
Grand Total-	**73.0**	**87.71**

1.2.2 AR Indigenous Species Plantation @ 1600 plant/Ha

Due to various biotic, anthropogenic and other management factors of forest Some indigenous species are in endangered condition. Now it has become essential to conserve the indigenous species to safeguard 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 2023-24, the plantation programme under AR mode @1600 plants per ha over **701 ha** has been proposed with a financial outlay of **Rs.842.25 Lakh**. 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 Indigenous Species Plantation 1600 plant @ Rs.1.20150/Ha

Circle	Division	Area (Ha)	Financial Outlay (Rs in Lakhs)
Angul	Angul	10	12.02
	Athamalik	30	36.05
	Dhenkanal	60	68.49
	Athgarh	20	24.03
	Total-	**120**	**140.58**
BBSR	Khurda	47	60.08
	Nayagarh	10	12.02
	Bhadrak WL	5	6.01
	Total-	**62**	**78.10**
Berhampur	Baliguda	55	66.08
	Boudh	56	67.28
	Total-	**111**	**133.37**
Sambalpur	Sambalpur	25	30.04
	Bargarh	40	48.06
	Total-	**65**	**78.10**
Rourkela	Rourkela	5	6.01
	Deogarh	10	12.02
	Total-	**15**	**18.02**
Baripada	Rairangpur	50	60.08
	Keonjhar WL	5	6.01
	Total-	**55**	**66.08**
Bhawanipatna	Kalahandi(N)	10	12.02
	Kalahandi (S)	30	36.05
	Subarnapur	65	78.10
	Bolangir	33	39.65
	Khariar	20	24.03
	Total-	**158**	**189.84**
Koraput	Koraput	40	48.06
	Jeypore	75	90.11
	Total-	**115**	**138.17**
	Grand Total-	**701**	**842.25**

1.2.3 AR Indigenous species Plantation @ 1000 Plants/ Ha



Considering the site condition and gaps available inside forest, the mode of indegenous plantation with 1000 Plants per Hectare are identified and accordingly proposed for plantation programme . In this APO 2023-24, the plantation programme on artificial regeneration mode @1000 plants per ha over an area of **341 ha** has been proposed for creation with a financial outlay of **Rs.314.65 Lakh.** 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 Indigenous Plantation@1000 plants per Ha (@ Rs 0.92274lakhs/ Ha)

Circle	Division	Area (Ha)	Financial Outlay (Rs in Lakhs)
Angul	Athagarh	15	13.84
	Total-	**15**	**13.84**
BBSR	City Forests	10	9.23
	Total-	**10**	**9.23**
Berhampur	Baliguda	20	18.45
	Boudh	10	9.23
	Gh.South	10	9.23
	Total-	**40**	**36.91**
Sambalpur	Bamara WL	15	13.84
	Total-	**15**	**13.84**
Rourkela	Bonai	25	23.07
	Total-	**25**	**23.07**
Baripada	Baripada	25	23.07
	Total-	**25**	**23.07**
Bhawanipatna	Bolangir	61	56.29
	Total-	**61**	**56.29**
Koraput	Rayagada	15	13.84
	Nowrangpur	105	96.89
	Malkangiri	30	27.68
	Total-	**150**	**138.41**
	Grand Total-	**341**	**314.65**

1.2.4 Phasi Plantation @ 1600 Plants / Ha

Car Festival or Chariot Festival is a Hindu festival associated with Lord Jagannath held at Shri Khetra Puri Dham in the state of Odisha, RATHA YATRA, the Festival of Chariots performed at Puri every year: The three chariots of Lord Jagannath, Balabhadra and Subhadra are newly constructed every year with wood of specified trees like phasi, dhaura, etc. The Phasi trees are getting depleted day by day due to various anthropogenic and biotic factors for which the bare need of specified timber are not sufficiently available from forests of Odisha. It has been planned to raise special plantation programme under CAMPA to carter the requirement of specified phasi timber for Car festival. In this APO 2023-24, the Phasi plantation in AR mode @1600 plants per ha over an area of **48 ha** has been proposed for creation with a financial outlay of **Rs.57.67 Lakhs.** 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 Rs.1.20150 Lakhs Per Ha)

Circle	Division	Area (Ha)	Financial Outlay (Rs in Lakhs)
Angul	Cuttack	10	12.02
	Total-	**10**	**12.02**
Berhampur	Boudh	30	36.05
	Total-	**30**	**36.05**
Baripada	Rairangpur	8	9.61
	Total-	**8**	**9.61**
	Grand Total-	**48**	**57.67**

1.2.5 River Rejuvenation Plantation @1600 Plants/Ha

The river embackment and river catchment is most suitable place for plantation programme which is an effective initiative by forest department under CAMPA. It 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 APO 2023-24 this ideal model has been proposed to make plantation on river bank as well as its catchment to rejuvenate it. During APO 2023-24, an area of **190 Ha** has been proposed with financial outlay of **Rs 228.29 Lakhs.** The details of Division wise target and financial outlay with cost norm have been given in the following **Table1.2.5** 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.1.20150 Lakhs per Ha)

Circle	Division	Area (Ha)	Financial Outlay (Rs in Lakhs)
Angul	Cuttack	20	24.03
	Total-	**20**	**24.03**
Berhampur	Boudh	75	90.11
	Total-	**75**	**90.11**
Bhawanipatna	Subarnapur	95	114.14
	Total-	**95**	**114.14**
	Grand Total-	**190**	**228.29**

1.2.6 Bald Hill plantation @ 1600 Plants /Ha



The name Bald hill itself denotes the lost vegetative growth in the hill slope. Various anthropogenic factors and acute biotic interference have caused the loss of vegetation and soil erosion of the site. The loss of soil depth resulted devoid of root stocks in the locality. The CAMPA has taken successful steps to embark on massive bald hill plantations by adopting special techniques like foreign soil infusion, intensive soil and moisture conservation and three tier fencing along boundaries as protective measures. Due to effective steps in various Divisions, the naked bald hills have been restored with greenery within very short period due to successful plantation programmes. In this APO 2023-24, Bald hill plantation programme over an area of **968 ha** @ 1600 plants per ha with financial outlay of **Rs.2049.14 Lakhs.** 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 2.11688 Lakhs Per Ha)

Circle	Division	Area (Ha)	Financial Outlay (Rs in Lakhs)
Angul	Athgarh	20	42.34
	Cuttack	30	63.51
	Total-	**50**	**105.84**
BBSR	Khorda	20	42.34
	Nayagarh	30	63.51
	Total-	**50**	**105.84**
Berhampur	Phulbani	55	116.43
	Baliguda	80	169.35
	Boudh	5	10.58
	Gh.South	10	21.17
	Berhampur	30	63.51
	Parlakhemundi	40	84.68
	Total-	**220**	**465.71**
Sambalpur	Jharsuguda	8	16.94
	Total-	**8**	**16.94**
Rourkela	Sundargarh	25	52.92
	Total-	**25**	**52.92**
Baripada	Karanjia	5	10.58
	Rairangpur	20	42.34
	Total-	**25**	**52.92**
Bhawanipatna	Kalahandi (S)	145	306.95
	Bolangir	35	74.09
	Khariar	25	52.92
	Total-	**205**	**433.96**
Koraput	Rayagada	185	391.62
	Koraput	150	317.53
	Jeypore	50	105.84
	Total-	**385**	**815.00**
	Grand Total-	**968**	**2049.14**

1.2.7 Fodder and Fruits @ 1600 plants /Ha

Foods from wild or farmland trees/shrubs in dry lands constitute an important component of food supply in the form of fruits, seeds and other edible parts which are essential for food security. Indigenous trees/shrubs are good source of fodder as grasses dry out quickly due to short rainy season. The domestication of important indigenous trees/shrubs (fruits and fodder species) and their integration in agroforestry practices have been one of the most important forms of biodiversity conservation. The selection, retention or deliberate planting and management of trees by farmers can be considered as the beginning of

the domestication process of the species. The species diversity (richness and evenness) was estimated using different biodiversity indices. The results showed that forest sites have highest fruit and fodder tree/shrub species diversity as compared to other land uses which suggest that domestication process of fruit and fodder trees has been slow with focus on only few trees. In this APO 2023-24, the aforesaid plantation is to be taken up in forest over **189 Ha.** with financial outlay of **Rs227.08 Lakhs.** 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-XI**

Table 1.2.7 Division wise target of Fodder and Fruits Plantation @1600 plants per Ha (@ Rs 1.20150 Lakh Per Ha)

Circle	Division	Area (Ha)	Financial Outlay (Rs in Lakhs)
BBSR	Chandaka WL	125	150.19
	Total-	**125**	**150.19**
Berhampur	Baliguda	10	12.02
	Gh South	10	12.02
	Berhampur	10	12.02
	Parlakhemundi	11	13.22
	Total-	**41**	**49.26**
Sambalpur	Jharsuguda	13	15.62
	Total-	**13**	**15.62**
Rourkela	Rourkela	10	12.02
	Total-	**10**	**12.02**
	Grand Total-	**189**	**227.08**

1.2.8 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 casuarina 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 2023-24 in different feasible Divisions over an area of **22 Ha** with financial layout of **Rs 40.32 Lakhs.** 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-XII**



Table 1.2.8 Division wise target of CasuarinaPlantation@2500 plants per Ha (@ Rs 1.83265Lakhs Per Ha)

Circle	Division	Area (Ha)	Financial Outlay @ Rs 1.83265 lakhs/ Ha
BBSR	Puri WL	**7**	12.83
	Total-	**7**	**12.83**
Baripada	Balasore WL	15	27.49
	Total-	**15**	**27.49**
	Grand Total-	**22**	**40.32**

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

Odisha has a long coastline of 482 kms. These areas are the regions of rich biological diversity. In fact, on the inter-tidal zone, mangrove vegetation are found which provide large-scale food and good habitat for marine life. Restocking of old mangrove areas and Afforestation of the new inter tidal mud flats would offer excellent resting, roosting and breeding sites for aquatic birds. The high biological activity associated with mangroves is also responsible for food provided for the hundreds of thousands of migrant birds that visit our region for wintering. Ramifying root systems of mangrove act as effective silt traps and the filtering action prevents the silt from getting deposited on coral formations. Thus mangrove ecosystem would improve the ecology as well as economic development of the area. They are of immense value for the growth of estuarine fisheries and allied occupations. The herding cattle find good fodder in mangrove particularly during scarcity periods. Mangrove Plantation programme is undertaken to address these issues. Considering above facts mangrove plantation of seedlings of Mangrove species @2500 plants/Ha has been proposed in suitable coastal Divisions over an area of **5 Ha** with financial outlay of **Rs 4.93 Lakhs** in this APO 2023-24. 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-XIII**

Table 1.2.9 Division wise target of MangrovePlantation@2500 seedlings per Ha (@ Rs 0.98649 Lakhs Per Ha)

Circle	Division	Area (Ha)	Financial Outlay (Rs in Lakhs)
BBSR	Bhadrak WL	5.0	4.93
	Grand Total-	**5.0**	**4.93**

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



The special type of viviparous germination occurs in case of certain species 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 Nos. /Ha has been proposed over an area of **15 Ha** in different coastal Divisions. The financial outlay of **Rs 5.60 Lakhs** has been proposed in this APO 2023-24. 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-XIV**

Table 1.2.10 Division wise target of Mangrove Plantation (Hypocotyle) @4445Nos. per Ha (@ Rs 0.37360 Lakhs Per Ha)

Circle	Division	Area (Ha)	Financial Outlay (Rs in Lakhs)
BBSR	Bhadrakh WL	15	5.60
	Grand Total-	**15**	**5.60**

2. Maintenance of old Plantations



Maintenance of old plantation is the key intervention of plantation programme for its success. Once a plantation has been raised, the year wise cultural operation are basically needed to promote the conditions that are favourable to the survival and subsequent growth. All the cultural operations envisaged in the plantation programme for maintenance years are to be carefully implemented during maintenance years. For the success of the plantation of various models, different cultural operations has been provisioned in cost norm statement. The CAMPA Odisha giving priority for the maintenance activity of plantation programmes during subsequent years which has been briefed in the maintenance year.

2.1 2nd Year Maintenance

2.1.1 2nd year maintenance of ANR Vanya Silk Plantation @500 Plant/Ha

In ANR mode of Vanya Silk plantation, for its better growth, an area of **1,807 ha** with total financial outlay of **Rs 186.84 Lakhs** has been provisioned for 2nd year maintenance work during APO 2023-24. 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 Vanya Silk Plantation@500 Plts/Ha @ Rs.0.10340

Circle	Name of the Division	Target in Ha.	Financial Outlay (Rs in Lakhs).
Angul	Athamalik	30	3.10
	Dhenkanal	42	4.34
	Cuttack	100	10.34
	Total-	**172**	**17.78**
Berhampur	Boudh	100	10.34
	Total-	**100**	**10.34**
Sambalpur	Bargarh	80	8.27
	Total-	**80**	**8.27**
Rourkela	Sundargarh	100	10.34
	Bonai	100	10.34

	Deogarh	100	10.34
	Keonjhar	135	13.96
	Total-	**435**	**44.98**
Baripada	Baripada	200	20.68
	Rairangpur	200	20.68
	Total-	**400**	**41.36**
Bh Patna	Bolangir	150	15.51
	Khariar	40	4.14
	Total-	**190**	**19.65**
Koraput	Rayagada	20	2.07
	Koraput	60	6.20
	Jeypore	50	5.17
	Nowrangpur	150	15.51
	Malkangiri	150	15.51
	Total-	**430**	**44.46**
	Grand Total-	**1807**	**186.84**

2.1.2 2nd Year Maintenance of Fodder & Fruit Bearing Plantation @500 Plant/Ha

During APO 2023-24, **2760 ha** of 2nd year maintenance of Fodder & Fruit Bearing plantation has been proposed with total financial outlay of Rs **285.38 Lakhs.** 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 Fodder & Fruit Bearing Plantation @500 Plant/Ha (@Rs.0.10340 Lakhs/Ha.)

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
Angul	Angul	524	54.18
	Dhenkanal	32	3.31
	Cuttack	100	10.34
	Total-	**656**	**67.83**
BBSR	Puri WL	16	1.65
	Nayagarh	150	15.51
	Total-	**166**	**17.16**
Berhampur	Boudh	200	20.68
	Gh South	400	41.36
	Total-	**600**	**62.04**
Sambalpur	Bamara WL	120	12.41
	Total-	**120**	**12.41**
Rourkela	Sundargarh	100	10.34
	Rourkela	150	15.51
	Bonai	100	10.34
	Total-	**350**	**36.19**
Baripada	Baripada	200	20.68
	Rairangpur	113	11.68
	Total-	**313**	**32.36**

Bhawanipatna	Subarnapur	150	15.51
	Bolangir	150	15.51
	Khariar	50	5.17
	Sunabeda WL	65	6.72
	Total-	**415**	**42.91**
Koraput	Rayagada	30	3.10
	Koraput	60	6.20
	Jeypore	50	5.17
	Total-	**140**	**14.48**
	Grand Total-	**2760**	**285.38**

2.1.3 2nd Year Maintenance of ANR Gap RET/Medicinal Species Plantation @200 Plant/Ha

During APO 2023-24, **2402 ha** of 2nd year maintenance of RET /Medicinal plantation has been proposed with total financial outlay of Rs **178.44 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.1.3** and the location wise details are placed in the **Annexure III-XVII.**

Table 2.1.3 Division Wise Target of 2nd Year Maintenance of ANR Gap RET/ Medicinal Species Plantation @200 Plant/Ha @ Rs 0.07429 Lakhs/Ha

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
BBSR	Khurda	200	14.86
	Total-	**200**	**14.86**
Berhampur	Boudh	60	4.46
	Gh. South	500	37.15
	Parlakemundi	100	7.43
	Total-	**660**	**49.03**
Sambalpur	Rairakhol	200	14.86
	Bamara WL	200	14.86
	Total-	**400**	**29.72**
Rourkela	Sundargarh	200	14.86
	Rourkela	10	0.74
	Deogarh	50	3.71
	Total-	**260**	**19.32**
Baripada	Karanjia	200	14.86
	Rairangpur	155	11.51
	Total-	**355**	**26.37**
Bh. Patna	Kalahandi North	25	1.86
	Kalahandi South	25	1.86
	Bolangir	200	14.86
	Sunabeda WL	107	7.95
	Total-	**357**	**26.52**
Koraput	Koraput	100	7.43
	Jeypore	50	3.71
	Nabarangpur	10	0.74
	Malkangiri	10	0.74
	Total-	**170**	**12.63**
	Grand Total-	**2402**	**178.44**

2.1.4 2nd Year Maintenance of other indigenous misc Species Plantation @200 Plant/Ha

During APO 2023-24, **44,898 ha** of 2nd year maintenance of other indigenous misc Species plantation has been proposed with total financial outlay of Rs **3335.47 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.1.4** and the location wise details are placed in the ***Annexure* III-XVIII.**

Table 2.1.4 Division Wise Target of 2nd Year Maintenance of other indigenous misc Species Plantation @200 Plant/Ha @ Rs 0.07429 Lakhs/Ha

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
Angul	Angul	1190	88.41
	Athamalik	280	20.80
	Dhenkanal	440	32.69
	Athagarh	420	31.20
	Cuttack	1350	100.29
	Total-	**3680**	**273.39**
BBSR	Khurda	705	52.37
	Puri WL	210	15.60
	Rajnagar WL	420	31.20
	Nayagarh	1250	92.86
	Chilika WL	200	14.86
	City Forest	30	2.23
	Total-	**2815**	**209.13**
Berhampur	Phulbani	1500	111.44
	Baliguda	1875	139.29
	Boudh	1650	122.58
	Gh. South	760	56.46
	Gh. North	1065	79.12
	Berhampur	765	56.83
	Parlakemundi	650	48.29
	Total-	**8265**	**614.01**
Sambalpur	Jharsuguda	350	26.00
	Sambalpur	910	67.60
	Rairakhol	1050	78.00
	Bargarh	1200	89.15
	Bamara WL	1780	132.24
	Total-	**5290**	**392.99**
Rourkela	Sundargarh	2500	185.73
	Rourkela	1300	96.58
	Bonai	630	46.80
	Deogarh	420	31.20
	Keonjhar	500	37.15
	Total-	**5350**	**397.45**
Baripada	Baipada	230	17.09
	Karanjia	265	19.69
	Rairangpur	1000	74.29
	Balesore WL	60	4.46

	Keonjhar WL	1200	89.15
	Total-	**2755**	**204.67**
Bh. Patna	Kalahandi North	1875	139.29
	Kalahandi South	2000	148.58
	Subarnapur	1890	140.41
	Bolangir	2000	148.58
	Khariar	1660	123.32
	Sunabeda WL	828	61.51
	Total-	**10253**	**761.70**
Koraput	Rayagada	1500	111.44
	Koraput	1040	77.26
	Jeypore	1450	107.72
	Nabarangpur	1000	74.29
	Malkangiri	1500	111.44
	Total-	**6490**	**482.14**
	Grand Total-	**44898**	**3335.47**

2.1.5 2nd Year Maintenance of AR Economic Plantation @1600 Plant/Ha

During APO 2023-24, **190 ha** of 2nd year maintenance of AR Economic Plantation has been proposed with total financial outlay of Rs **67.32 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.1.5** and the location wise details are placed in the **Annexure III-XIX.**

Table 2.1.5 Division Wise Target of 2nd Year Maintenance of AR Plantation Economic @1600 Plant/Ha @ Rs 0.35430 Lakhs/Ha

Circle	Name of the Division	Target in Ha.	Financial Outlay (Rs in Lakhs).
BBSR	Puri WL	5	1.77
	Total-	**5**	**1.77**
Rourkela	Sundargarh	30	10.63
	Total-	**30**	**10.63**
Baripada	Rairangpur	15	5.31
	Total-	**15**	**5.31**
Bhawanipatna	Subarnapur	40	14.17
	Bolangir	100	35.43
	Total-	**140**	**49.60**
	Grand Total-	**190**	**67.32**

2.1.6 2nd Year Maintenance of AR other indigenous misc Species Plantation @1600Plant/Ha

During APO 2023-24, **1,235 ha** of 2nd year maintenance of AR other indigenous misc species Plantation has been proposed with total financial outlay of Rs **437.56 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.1.6** and the location wise details are placed in the **Annexure III-XX.**

Table 2.1.6 Division Wise Target of 2nd Year Maintenance of AR other indigenous misc Species Plantation @1600Plant/Ha @ Rs 0.35430 Lakhs/Ha

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
Angul	Dhenkanal	40	14.17
	Athagarh	20	7.09
	Cuttack	155	54.92
	Total-	**215**	**76.17**
BBSR	Khurda	60	21.26
	Nayagarh	16	5.67
	Chandaka WL	250	88.58
	Total-	**326**	**115.50**
Berhampur	Phulbani	30	10.63
	Baliguda	20	7.09
	Berhampur	5	1.77
	Total-	**55**	**19.49**
Sambalpur	Jharsuguda	5	1.77
	Bargarh	20	7.09
	Bamara WL	75	26.57
	Total-	**100**	**35.43**
Rourkela	Sundargarh	70	24.80
	Rourkela	10	3.54
	Bonai	30	10.63
	Deogarh	30	10.63
	Total-	**140**	**49.60**
Baripada	Rairangpur	43	15.23
	Keonjhar WL	61	21.61
	Total-	**104**	**36.85**
Bh. Patna	Kalahandi North	20	7.09
	Kalahandi South	20	7.09
	Subarnapur	140	49.60
	Bolangir	35	12.40
	Khariar	80	28.34
	Total-	**295**	**104.52**
	Grand Total-	**1235**	**437.56**

2.1.7 2nd Year Maintenance of AR other indigenous misc Species Plantation @1000Plant/Ha

During APO 2023-24, **1,050 ha** of 2nd year maintenance of AR other indigenous misc Species Plantation has been proposed with total financial outlay of Rs **324.31 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.1.7** and the location wise details are placed in the **Annexure III-XXI.**

Table 2.1.7 Division Wise Target of 2nd Year Maintenance of AR other indigenous misc Species Plantation @1000Plant/Ha @ Rs 0.30887 Lakhs/Ha

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
Angul	Dhenkanal	60	18.53
	Total-	**60**	**18.53**
BBSR	Khurda	30	9.27
	Puri WL	250	77.22
	City Forest	10	3.09
	Total-	**290**	**89.57**
Berhampur	Boudh	100	30.89
	Gh. South	10	3.09
	Total-	**110**	**33.98**
Rourkela	Bonai	30	9.27
	Total-	**30**	**9.27**
Baripada	Baipada	25	7.72
	Total-	**25**	**7.72**
Bh. Patna	Bolangir	40	12.35
	Total-	**40**	**12.35**
Koraput	Rayagada	100	30.89
	Koraput	150	46.33
	Jeypore	100	30.89
	Nabarangpur	50	15.44
	Malkangiri	95	29.34
	Total-	**495**	**152.89**
	Grand Total-	**1050**	**324.31**

2.1.8 2nd Year Maintenance of Phasi Plantation @1600 Plant/Ha

During APO 2023-24, **85 ha** of 2nd year maintenance of AR Phasi Plantation has been proposed with total financial outlay of Rs **30.12 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.1.8** and the location wise details are placed in the **Annexure III-XXII.**

Table 2.1.8 Division Wise Target of 2nd Year Maintenance of Phasi Plantation @1600 Plant/Ha @ Rs 0.35430 Lakhs/Ha

Circle	Name of the Division	Target in Ha.	Financial Outlay (Rs in Lakhs).
Berhampur	Boudh	50	17.72
	Gh. South	20	7.09
	Total-	**70**	**24.80**
Baripada	Rairangpur	5	1.77
	Total-	**5**	**1.77**
Bhawanipatna	Subarnapur	10	3.54
	Total-	**10**	**3.54**
	Grand Total-	**85**	**30.12**

2.1.9 2nd Year Maintenance of River Rejuvenation Plantation @1600 Plant/Ha

During APO 2023-24, **80 ha** of 2nd year maintenance of AR River rejuvenation Plantation has been proposed with total financial outlay of **Rs 28.34 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.1.9** and the location wise details are placed in the **Annexure III-XXIII.**

Table 2.1.9 Division Wise Target of 2nd Year Maintenance of River Rejuvenation Plantation @1600 Plant/Ha @ Rs 0.35430 Lakhs/Ha

Circle	Name of the Division	Target in Ha.	Financial Outlay (Rs in Lakhs).
Angul	Cuttack	20	7.09
	Total-	**20**	**7.09**
BBSR	Puri WL	15	5.31
	Total-	**15**	**5.31**
Bhawanipatna	Subarnapur	45	15.94
	Total-	**45**	**15.94**
	Grand Total-	**80**	**28.34**

2.1.10 2nd year maintenance of Bald Hill plantations @1600 Plants per Ha

Maintenance of bald hill plantation in 2nd year 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 414.31 Lakhs.** has been proposed for **970 ha** in this APO 2023-24. The division wise details are in ***Table 2.1.10*** and location details in **Annexure III-XXIV.**

Table 2.1.10 Division wise target of 2nd year maintenance of Bald Hill plantation @1600plants per Ha (@0.42712 Lakhs/Ha.)

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
Angul	Athgarh	30	12.81
	Total-	**30**	**12.81**
BBSR	Nayagarh	45	19.22
	Total-	**45**	**19.22**
Berhampur	Phulbani	10	4.27
	Baliguda	75	32.03
	Boudh	10	4.27
	Gh.South	20	8.54
	Berhampur	40	17.08
	Parlakhemundi	30	12.81
	Total-	**185**	**79.02**
Sambalpur	Sambalpur	15	6.41
	Total-	**15**	**6.41**
Rourkela	Sundargarh	10	4.27
	Rourkela	20	8.54
	Deoghar	20	8.54
	Total-	**50**	**21.36**
Bhawanipatna	Kalahandi(N)	60	25.63
	Kalahandi (S)	100	42.71
	Subarnapur	20	8.54
	Bolangir	75	32.03
	Khariar	20	8.54

	Total-	**275**	**117.46**
Koraput	Rayagada	150	64.07
	Koraput	150	64.07
	Jeypore	70	29.90
	Total-	**370**	**158.03**
	Grand Total-	**970**	**414.31**

2.1.11 2nd Year Maintenance of AR Fooder & Fruit Plantation @1600 Plant/Ha

During APO 2023-24, **60 ha** of 2nd year maintenance of AR Fooder & Fruit Plantation has been proposed with total financial outlay of **Rs 21.26 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.1.11** and the location wise details are placed in the **Annexure III-XXV.**

Table 2.1.11 Division Wise Target of 2nd Year Maintenance of Fooder & Fruts Plantation @1600 Plant/Ha @ Rs 0.35430 Lakhs/Ha

Circle	Name of the Division	Target in Ha.	Financial Outlay (Rs in Lakhs).
Angul	Dhenkanal	10	3.54
	Total-	**10**	**3.54**
Berhampur	Phulbani	5	1.77
	Total-	**5**	**1.77**
Rourkela	Rourkela	15	5.31
	Total-	**15**	**5.31**
Koraput	Rayagada	30	10.63
	Total-	**30**	**10.63**
	Grand Total-	**60**	**21.26**

2.1.12 2nd Year Maintenance of Casurina Plantation @2500 Plant/Ha

Maintenance of Casurina plantation in 2nd year is most vital for coastal areas. It effects the 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 119.58 Lakhs.** has been proposed for **157 ha** in this APO 2023-24. The division wise details are in ***Table 2.1.12*** and location details in **Annexure III-XXVI.**

Table 2.1.12 **Division Wise Target of 2nd Year Maintenance of Casurina Plantation @2500 Plant/Ha @ Rs 0.76164 Lakhs/Ha**

Circle	Name of the Division	Target in Ha.	Financial Outlay (Rs in Lakhs).
BBSR	Puri WL	40	30.47
	Rajnagar WL	12	9.14
	Chilika WL	50	38.08
	Total-	**102**	**77.69**
Berhampur	Berhampur	20	15.23
	Total-	**20**	**15.23**
Baripada	Balesore WL	35	26.66
	Total-	**35**	**26.66**
	Grand Total-	**157**	**119.58**

2.1.13 2nd Year Maintenance of Mangrove Plantation @ 2500 Plant/Ha

Maintenance of Mangrove plantation in 2nd year is most important for desired growth to restock the coastal area with green cover. It needs special measures to be carried out in the field in subsequent years. Hence, fund allocation of **Rs 1.77 Lakhs.** has been proposed for **8 ha** in this APO 2023-24. The division wise details are in ***Table 2.1.13*** and location details in **Annexure III-XXVII.**

Table 2.1.13 **Division Wise Target of 2nd Year Maintenance of Mangrove Plantation @ 2500 Plant/Ha @ Rs 0.22070 Lakhs/Ha**

Circle	Name of the Division	Target in Ha.	Financial Outlay (Rs in Lakhs).
BBSR	Puri WL	8	1.77
	Total-	**8**	**1.77**
	Grand Total-	**8**	**1.77**

2.1.14 2nd Year Maintenance of Mangrove (Hypocotyle) Plantation @ 4445 Plant/Ha

Maintenance of Mangrove (Hypocotyle) plantation in 2nd year 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 14.81 Lakhs.** has been proposed for **125 ha** in this APO 2023-24. The division wise details are in ***Table 2.1.14*** and location details in **Annexure III- XXVIII.**

Table 2.1.14 **Division Wise Target of 2nd Year Maintenance of Mangrove (Hypocotyle) Plantation @4445 Plant/Ha @ Rs 0.11848 Lakhs/Ha**

Circle	Name of the Division	Target in Ha.	Financial Outlay (Rs in Lakhs).
BBSR	Rajnagar WL	110	13.03
	Bhadrak WL	15	1.78
	Total-	**125**	**14.81**
	Grand Total-	**125**	**14.81**

2.2 3rd Year Maintenance

2.2.1 3rd Year Maintenance of ANR Plantation @200 Plant/Ha

3rd year maintenance of ANR plantation is quite essential for grooming of the young saplings with silvicultural operations to promote the growth of plantation and well as existing natural vegetation. Hence, over an area of **35, 515 Ha** with fainacial outlay of **2527.96 Lakhs** has been proposed in APO 2023-24. The division wise details are in ***Table 2.2.1*** and location details in **Annexure III- XXIX.**

Table 2.2.1 **Division Wise Target of 3rd Year Maintenance of ANR Plantation @200 Plant/Ha @ Rs 0.07118 Lakhs/Ha**

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
Angul	Angul	600	42.71
	Dhenkanal	450	32.03
	Cuttack	1400	99.65
	Total-	**2450**	**174.39**
BBSR	Khurda	300	21.35
	Puri WL	150	10.68
	Rajnagar WL	250	17.80

	Nayagarh	1000	71.18
	Chilika WL	200	14.24
	City Forest	50	3.56
	Total-	**1950**	**138.80**
Berhampur	Phulbani	1500	106.77
	Baliguda	1800	128.12
	Boudh	800	56.94
	Gh.South	500	35.59
	Gh.North	500	35.59
	Berhampur	630	44.84
	Parlakhemundi	975	69.40
	Total-	**6705**	**477.26**
Sambalpur	Jharsuguda	250	17.80
	Sambalpur	100	7.12
	Rairakhol	500	35.59
	Bargarh	1260	89.69
	Bamara WL	420	29.90
	Total-	**2530**	**180.09**
Rourkela	Sundargarh	900	64.06
	Rourkela	1400	99.65
	Bonai	500	35.59
	Total-	**2800**	**199.30**
Baripada	Baripada	260	18.51
	Karanjia	400	28.47
	Rairangpur	900	64.06
	Balasore WL	50	3.56
	Keonjhar WL	2000	142.36
	Total-	**3610**	**256.96**
Bhawanipatna	Kalahandi(N)	2500	177.95
	Kalahandi (S)	1660	118.16
	Subarnapur	1000	71.18
	Bolangir	2800	199.30
	Khariar	1250	88.98
	Sunabeda WL	900	64.06
	Total-	**10110**	**719.63**
Koraput	Rayagada	2000	142.36
	Koraput	600	42.71
	Jeypore	770	54.81
	Nowrangpur	1075	76.52
	Malkangiri	915	65.13
	Total-	**5360**	**381.52**
	Grand Total-	**35515**	**2527.96**

2.2.2 3rd Year Maintenance of AR Plantation @1600 Plant/Ha

During APO 2023-24, **1490 ha** of 3rd year maintenance of AR Plantation has been proposed with total financial outlay of Rs **420.81 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.2.2** and the location wise details are placed in the **Annexure III-XXX**

Table 2.2.2 Division Wise Target of 3rd Year Maintenance of AR Plantation @1600 Plant/Ha @ Rs 0.28242 Lakhs/Ha

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
Angul	Dhenkanal	72	20.33
	Cuttack	40	11.30
	Total-	**112**	**31.63**
BBSR	Rajnagar WL	130	36.71
	Bhadrak WL	26	7.34
	Total-	**156**	**44.06**
Berhampur	Baliguda	60	16.95
	Boudh	18	5.08
	Gh.South	29	8.19
	Berhampur	10	2.82
	Total-	**117**	**33.04**
Sambalpur	Jharsuguda	5	1.41
	Bargarh	20	5.65
	Total-	**25**	**7.06**
Rourkela	Rourkela	50	14.12
	Bonai	20	5.65
	Total-	**70**	**19.77**
Baripada	Baripada	25	7.06
	Rairangpur	80	22.59
	Balasore WL	20	5.65
	Total-	**125**	**35.30**
Bhawanipatna	Kalahandi(N)	100	28.24
	Kalahandi (S)	30	8.47
	Subarnapur	70	19.77
	Bolangir	40	11.30
	Khariar	70	19.77
	Total-	**310**	**87.55**
Koraput	Rayagada	55	15.53
	Koraput	115	32.48
	Jeypore	155	43.78
	Nowrangpur	70	19.77
	Malkangiri	180	50.84
	Total-	**575**	**162.39**
	Grand Total-	**1490**	**420.81**

2.2.3 3rd Year Maintenance of Bald Hill Plantation @1600 Plant/Ha

During APO 2023-24, **1326 ha** of 3rd year maintenance of AR Bald Hill Plantation has been proposed with total financial outlay of Rs **345.41 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.2.3** and the location wise details are placed in the **Annexure III-XXXI**

Table 2.2.3 Division Wise Target of 3rd Year Maintenance of Baldhill Plantation @1600 Plant/Ha @ Rs 0.26049 Lakhs/Ha

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
Angul	Athgarh	20	5.21
	Total-	**20**	**5.21**
BBSR	Khurda	10	2.60
	Nayagarh	40	10.42
	Chilika WL	10	2.60
	Total-	**60**	**15.63**
Berhampur	Phulbani	10	2.60
	Baliguda	100	26.05
	Gh. South	20	5.21
	Berhampur	30	7.81
	Total-	**160**	**41.68**
Rourkela	Rourkela	31	8.08
	Total-	**31**	**8.08**
Baripada	Baripada	10	2.60
	Total-	**10**	**2.60**
Bhawanipatna	Kalahandi(N)	110	28.65
	Kalahandi (S)	180	46.89
	Subarnapur	65	16.93
	Bolangir	120	31.26
	Khariar	10	2.60
	Total-	**485**	**126.34**
Koraput	Rayagada	445	115.92
	Koraput	5	1.30
	Jeypore	110	28.65
	Total-	**560**	**145.87**
	Grand Total-	**1326**	**345.41**

2.2.4 3rd Year Maintenance of Bamboo Plantation @400 Plant/Ha

During APO 2023-24, **1370 ha** of 3rd year maintenance of Bamboo Plantation has been proposed with total financial outlay of Rs **249.81 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.2.4** and the location wise details are placed in the **Annexure III-XXXII**

Table 2.2.4 Division Wise Target of 3rd Year Maintenance of Bamboo Plantation @400 Plant/Ha @ Rs 0.18234 Lakhs/Ha

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
Angul	Angul	20	3.65
	Athmallik	30	5.47
	Total-	**50**	**9.12**
Berhampur	Phulbani	55	10.03
	Baliguda	30	5.47
	Gh.South	5	0.91
	Gh.North	90	16.41
	Berhampur	50	9.12
	Total-	**230**	**41.94**
Sambalpur	Jhasuguda	40	7.29
	Sambalpur	50	9.12
	Rairakhol	300	54.70
	Bargarh	80	14.59
	Bamara WL	70	12.76
	Total-	**540**	**98.46**
Rourkela	Rourkela	50	9.12
	Total-	**50**	**9.12**
Baripada	Balasore WL	10	1.82
	Total-	**10**	**1.82**
Bhawanipatna	Bolangir	100	18.23
	Khariar	95	17.32
	Sunabeda WL	70	12.76
	Total-	**265**	**48.32**
Koraput	Jeypore	180	32.82
	Malkangiri	45	8.21
	Total-	**225**	**41.03**
	Grand Total-	**1370**	**249.81**

2.2.5 3rd Year Maintenance of Miyawaki Plantation @8000 Plant/Ha

During APO 2023-24, **13 ha** of 3rd year maintenance of Miyawaki Plantation has been proposed with total financial outlay of Rs **59.03 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.2.5** and the location wise details are placed in the **Annexure III- XXXIII**

Table 2.2.5 Division Wise Target of 3rd Year Maintenance of Miyawaki Plantation @8000 Plant/Ha @ Rs 4.54094 Lakhs/Ha

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
Angul	Dhenkanal	2	9.08
	Total-	**2**	**9.08**
Sambalpur	Jhaesuguda	2	9.08
	Sambalpur	1	4.54
	Total-	**3**	**13.62**

Baripada	Rairangpur	1	4.54
	Total-	**1**	**4.54**
Koraput	Koraput	1	4.54
	Jeypore	4	18.16
	Nawarangpur	1	4.54
	Malkangiri	1	4.54
	Total-	**7**	**31.79**
	Grand Total-	**13**	**59.03**

2.2.6 3rd Year Maintenance of Fodder & Fruit Bearing Plantation @1600 Plant/Ha

During APO 2023-24, **105 ha** of 3rd year maintenance of AR Fodder & Fruit Plantation has been proposed with total financial outlay of Rs **29.65 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.2.6** and the location wise details are placed in the **Annexure III-XXXIV.**

Table 2.2.6 Division Wise Target of 3rd Year Maintenance of Fodder & Fruit Bearing Plantation @1600 Plant/Ha @ Rs 0.28242 Lakhs/Ha

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
Angul	Athamalik	20	5.65
	Athagarh	25	7.06
	Total-	**45**	**12.71**
Rourkela	Bonai	60	16.95
	Total-	**60**	**16.95**
	Grand Total-	**105**	**29.65**

2.2.7 3rd Year Maintenance of Casurina Plantation @2500 Plant/Ha

Maintenance of Casurina plantation in 3rd year is most vital for coastal areas. It effects the 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 12.01 Lakhs.** has been proposed for **46.1 ha** in this APO 2023-24. The division wise details are in ***Table 2.2.7*** and location details in **Annexure III- XXXV**

Table 2.2.7 Division Wise Target of 3rd Year Maintenance of Casurina Plantation @2500 Plant/Ha @ Rs 0.26050 Lakhs/Ha

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
BBSR	Puri WL	46.10	12.01
	Total-	**46.10**	**12.01**
	Grand Total-	**46.10**	**12.01**

2.2.8 3rd Year Maintenance of RET Species (With Gap) Plantation @200 Plant/Ha

During APO 2023-24, **130 ha** of 3rd year maintenance of RET species (with gap) plantation has been proposed with total financial outlay of **Rs 9.25 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.2.8** and the location wise details are placed in the **Annexure III-XXXVI.**

Table 2.2.8 Division Wise Target of 3rd Year Maintenance of RET Species (With Gap) Plantation @200 Plant/Ha @ Rs 0.07118 Lakhs/Ha

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
Koraput	Rayagada	130	9.25
	Total-	**130**	**9.25**
	Grand Total-	**130**	**9.25**

2.2.9 3rd Year Maintenance of RET Species (Without Gap) Plantation

During APO 2023-24, **70 ha** of 3rd year maintenance of RET species (without gap) plantation has been proposed with total financial outlay of Rs **3.67 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.2.9** and the location wise details are placed in the **Annexure III- XXXVII.**

Table 2.2.9 Division Wise Target of 3rd Year Maintenance of RET Species (Without Gap) Plantation @ Rs 0.05245 Lakhs/Ha

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
Baripada	Rairangpur	50	2.62
	Total-	**50**	**2.62**
Koraput	Rayagada	20	1.05
	Total-	**20**	**1.05**
	Grand Total-	**70**	**3.67**

2.3 4th Year Maintenance

2.3.1 4th Year Maintenance of ANR Plantation @200 Plant/Ha

4th year maintenance of ANR plantation is quite essential for grooming of the young saplings with required cultural operations to promote the growth of plantation and well as existing natural vegetation. Hence, over an area of **39,900 Ha** with fainacial outlay of **2046.87 Lakhs** has been proposed in APO 2023-24. Division wise details of the physical and financial targets are given in the following **Table 2.3.1** and the location wise details are placed in the **Annexure III-XXXVIII.**

Table 2.3.1 Division Wise Target of 4th Year Maintenance of ANR Plantation @200 Plant/Ha @ Rs 0.05130 Lakhs/Ha

Circle	Name of the Division	Target in Ha.	Financial Outlay (Rs in Lakhs).
Angul	Angul	600	30.78
	Athmallik	150	7.70
	Dhenkanal	1000	51.30
	Athagarh	1000	51.30
	Cuttack	500	25.65
	TOTAL	**3250**	**166.73**
BBSR	Khurda	300	15.39
	Puri WL	50	2.57
	Rajnarar WL	80	4.10
	Nayagarh	1000	51.30
	Chilika WL	135	6.93
	TOTAL	**1565**	**80.28**
Berhampur	Phulbani	2500	128.25
	Baliguda	1500	76.95
	Boudh	1000	51.30
	Gh.South	900	46.17
	Gh.North	700	35.91
	Berhampur	1000	51.30
	Parlakhemundi	1200	61.56
	TOTAL	**8800**	**451.44**
Sambalpur	Jharsuguda	250	12.83
	Sambalpur	250	12.83

	Rairakhol	600	30.78
	Bargarh	1000	51.30
	Bamara WL	300	15.39
	TOTAL	**2400**	**123.12**
Rourkela	Sundargarh	1000	51.30
	Rourkela	1000	51.30
	Bonai	600	30.78
	Deogarh	600	30.78
	Keonjhar	600	30.78
	TOTAL	**3800**	**194.94**
Baripada	Karanjia	750	38.48
	Rairangpur	50	2.57
	Baleswar WL	70	3.59
	Keonjhar WL	1500	76.95
	TOTAL	**2370**	**121.58**
Bhawanipatna	Kalahandi(N)	2500	128.25
	Kalahandi (S)	2815	144.41
	Subarnapur	1000	51.30
	Bolangir	2000	102.60
	Khariar	1400	71.82
	Sunabedha WL	800	41.04
	TOTAL	**10515**	**539.42**
Koraput	Rayagada	3000	153.90
	Koraput	1000	51.30
	Jeypore	400	20.52
	Nabarangpur	2000	102.60
	Malkangiri	800	41.04
	TOTAL	**7200**	**369.36**
	GRAND TOTAL	**39900**	**2046.87**

2.3.2 4th Year Maintenance of AR Plantation @1600 Plant/Ha

During APO 2023-24, **1500 ha** of 4th year maintenance of AR Plantation has been proposed with total financial outlay of Rs **109.68 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.3.2** and the location wise details are placed in the ***Annexure III*- XXXIX**

Table 2.3.2 Division Wise Target of 4th Year Maintenance of AR Plantation @1600 Plant/Ha @ Rs 0.07312 Lakhs/Ha

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
Angul	Dhenkanal	20	1.46
	Total-	**20**	**1.46**
BBSR	Khurda	100	7.31
	Puri WL	60	4.39
	Nayagarh	20	1.46
	Chilika WL	10	0.73
	Badrak WL	27	1.97
	Total-	**217**	**15.87**
Berhampur	Baliguda	50	3.66
	Boudh	23	1.68
	Gh.South	20	1.46
	Berhampur	20	1.46

	Total-	**113**	**8.26**
Rourkela	Sundargarh	20	1.46
	Rourkela	40	2.92
	Total-	**60**	**4.39**
Baripada	Baripada	40	2.92
	Baleswar WL	30	2.19
	Total-	**70**	**5.12**
Bhawanipatna	Kalahandi(N)	125	9.14
	Kalahandi (S)	50	3.66
	Subarnapur	75	5.48
	Bolangir	80	5.85
	Khariar	40	2.92
	Total-	**370**	**27.05**
Koraput	Koraput	290	21.20
	Jeypore	75	5.48
	Nowrangpur	200	14.62
	Malkangiri	85	6.22
	Total-	**650**	**47.53**
	Grand Total-	**1500**	**109.68**

2.3.3 4th Year Maintenance of Bald Hill Plantation @1600 Plant/Ha

During APO 2023-24, **875 ha** of 4th year maintenance of Bald Hill Plantation has been proposed with total financial outlay of Rs **206.52 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.3.3** and the location wise details are placed in the **Annexure III- XL.**

Table 2.3.3 Division Wise Target of 4th Year Maintenance of Bald Hill Plantation @1600 Plant/Ha @ Rs 0.23602 Lakhs/Ha

Circle	Name of the Division	Target	Financial Outlay @ Rs.0.23602 Lakh/Ha.
Angul	Athagarh	20	4.72
	Total-	**20**	**4.72**
BBSR	Nayagarh	100	23.60
	Total-	**100**	**23.60**
Berhampur	Phulbani	10	2.36
	Berhampur	20	4.72
	Parlakemundi	10	2.36
	Total-	**40**	**9.44**
Rourkela	Keonjhar	10	2.36
	Total-	**10**	**2.36**
Bhawanipatna	Kalahandi(N)	40	9.44
	Kalahandi (S)	140	33.04
	Subarnapur	140	33.04
	Bolangir	110	25.96
	Khariar	35	8.26
	Total-	**465**	**109.75**
Koraput	Rayagada	100	23.60
	Koraput	100	23.60
	Jeypore	40	9.44
	Total-	**240**	**56.64**
	Grand Total-	**875**	**206.52**

2.3.4 4th Year Maintenance of Fodder & Fruit Plantation @1600 Plant/Ha

During APO 2023-24, **385 ha** of 4th year maintenance of AR Fodder & Fruit Plantation has been proposed with total financial outlay of Rs **28.15 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.3.4** and the location wise details are placed in the ***Annexure III*- XLI.**

Table 2.3.4 Division Wise Target of 4th Year Maintenance of Fooder & Fruit Plantation @1600 Plant/Ha @ Rs 0.07312 Lakhs/Ha

Circle	Name of the Division	Target	Financial Outlay (Rs in Lakhs).
Angul	Dhenkanal	10	0.73
	Cuttack	5	0.37
	Total-	**15**	**1.10**
BBSR	Nayagarh	16	1.17
	Total-	**16**	**1.17**
Rourkela	Sundargarh	16	1.17
	Rourkela	138	10.09
	Total-	**154**	**11.26**
Bhawanipatna	Kalahandi(N)	30	2.19
	Kalahandi (S)	20	1.46
	Subarnapur	70	5.12
	Bolangir	4	0.29
	Khariar	61	4.46
	Total-	**185**	**13.53**
Koraput	Rayagada	5	0.37
	Jeypore	10	0.73
	Total-	**15**	**1.10**
	Grand Total-	**385**	**28.15**

2.3.5 4th Year Maintenance of Miyawaki Plantation @8000Plant/Ha

During APO 2023-24, **4 ha** of 4th year maintenance of Miyawaki Plantation has been proposed with total financial outlay of Rs **11.93 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.3.5** and the location wise details are placed in the ***Annexure III-XLII*.**

Table 2.3.5 Division Wise Target of 4th Year Maintenance of Miyawaki Plantation @8000Plant/Ha @ Rs 2.98331 Lakhs/Ha

Circle	Name of the Division	Target (in Ha)	Financial Outlay (Rs in Lakhs)
Angul	Dhenkanal	1	2.98
	Total-	**1**	**2.98**
Bhawanipatna	Kalahandi(N)	1	2.98
	Total-	**1**	**2.98**
Koraput	Koraput	1	2.98
	Malkangiri	1	2.98
	Total-	**2**	**5.97**
	Grand Total-	**4**	**11.93**

2.3.6 4th Year Maintenance of RET(With Gap) Plantation @200Plant/Ha

During APO 2023-24, **85 ha** of 4th year maintenance of RET (with gap) Plantation has been proposed with total financial outlay of Rs **4.36 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.3.6** and the location wise details are placed in the ***Annexure III- XLIII.***

Table 2.3.6 Division Wise Target of 4th Year Maintenance of RET(With Gap) Plantation @200Plant/Ha @ Rs 0.05130 Lakhs/Ha

Circle	Name of the Division	Target (in Ha)	Financial Outlay (Rs in Lakhs)
BBSR	Phulbani	65	3.33
	Total-	**65**	**3.33**
Koraput	Rayagada	20	1.03
	Total-	**20**	**1.03**
	Grand Total-	**85**	**4.36**

2.3.7 4th Year Maintenance of RET (without Gap) Plantation

During APO 2023-24, **799 ha** of 4th year maintenance of RET (without gap) Plantation has been proposed with total financial outlay of Rs **40.99 Lakhs.** Division wise details of the physical and financial targets are given in the following **Table 2.3.7** and the location wise details are placed in the **Annexure III-XLIV.**

Table 2.3.7 Division Wise Target of 4th Year Maintenance of RET (without Gap)Plantation @200 Plant/Ha @ Rs 0.05130 Lakhs/Ha

Circle	Name of the Division	Target (in Ha)	Financial Outlay (Rs in Lakhs)
Angul	Athagarh	100	5.13
	Total-	**100**	**5.13**
Berhampur	Phulbani	237	12.16
	Gh. South	100	5.13
	Parlakemundi	48	2.46
	Total-	**385**	**19.75**
Sambalpur	Sambalpur	50	2.57
	Bamara WL	11	0.56
	Total-	**61**	**3.13**
Bhawanipatna	Kalahandi(N)	25	1.28
	Kalahandi (S)	5	0.26
	Subarnapur	60	3.08
	Bolangir	100	5.13
	Total-	**190**	**9.75**
Koraput	Rayagada	3	0.15
	Koraput	50	2.57
	Jeypore	10	0.51
	Total-	**63**	**3.23**
	Grand Total-	**799**	**40.99**

3.AMA JANGALA YOJANA

3.1 AJY Phase-I



Ama Jangala Yojana is an initiative of the Government of Odisha, Forest & Environment Department, being implemented by various forest divisions as per the guidance of Odisha Forestry Sector Development Society. Its objective is to promote sustainable forest management in the state emphasing livelihood support for the communities living in the forest fringe villages in JFM mode. The project activities includes survey and demarcation, Geo referencing the locations of assigned area to VSS and treatment area, mapping, micro plan preparation, capacity building, community development works, livelihood support and forest restoration support through ANR.

Ama Jangala Yojana 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. The maintenance of Old Plantations in AJY Phase-I with Financial outlay of **Rs 2375.00 lakhs** has been proposed in the APO 2023-24 to maintain old plantations raised during last 3 years along with maintenance of 55 Lakhs of seedlings.

Division Wise Allotment For Maintenance Of Old Plantations Under Ajy State Campa APO 2023-24 is given in **Annexure III-XLV**

4.SILVICULTURAL OPERATIONS

4.1 Subsidiary Silvicultural Operation of Bamboo

Among the major economic forest products, Bamboo occupies the prime slot. Bamboo is a versatile species and its afforestation is ecologically sound and economically viable. It is also adopted by farmers as agro forestry species, planted along field bunds and in concentrated blocks. It has great demand both in domestic and industrial sectors. The Silviculture system adopted is “culm selection system”, combined with cleaning and tending operations. Clump is the unit of management. Mature culms will be extracted by selection method depending upon the total number of mature culms and the productive capacity of the clumps. The main objective is to ensure maximum regeration in the clump in the degraded bamboo and to protect bamboo to ensure sustained growth and productivity. In Odisha bamboo forests are worked out as per working plan prescription of the concerned Divisions. Some patches are leftout by the working agencies due to poor crop condition having type C,D crop

In the bamboo operation, 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 protective fence on the downhill side. It is proposed to take up **95000 ha** of bamboo silvicultural operations under APO 2023-24 as per the Working Plan prescriptions. The total financial outlay for

Bamboo SSO is **Rs.2530.80 Lakh.** The division wise physical and financial target are detailed in ***Table 4.1***

Table 4.1 Division wise target of SSO Bamboo(@ Rs.0.02664 lakhs/Ha)

Circle	Division	Phy	Fin
Angul	Angul	1000	26.64
	Dhenkanal	1700	45.288
	Total-	**2700**	**71.928**
BBSR	Khurda	2000	53.28
	Nayagarh	4000	106.56
	Total-	**6000**	**159.84**
Berhampur	Phulbani	6000	159.84
	Baliguda	7000	186.48
	Boudh	5000	133.20
	Gh.South	4000	106.56
	Gh.North	3900	103.90
	Berhampur	1200	31.97
	Parlakhemundi	6000	159.84
	Total-	**33100**	**881.78**
Sambalpur	Sambalpur	3000	79.92
	Rairakhol	2000	53.28
	Bargarh	2500	66.60
	Bamara WL	2000	53.28
	Total-	**9500**	**253.08**
Rourkela	Sundargarh	2000	53.28
	Bonai	4000	106.56
	Deogarh	2000	53.28
	Keonjhar	2000	53.28
	Rourkela	2000	53.28
	Total-	**12000**	**319.68**
Bhawanipatna	Kalahandi(N)	5000	133.20
	Kalahandi (S)	1016	27.07
	Subarnapur	500	13.32
	Bolangir	3000	79.92
	Khariar	900	23.98
	Sunabeda WL	1000	26.64
	Total-	**11416**	**304.12**
Koraput	Rayagada	6000	159.84
	Koraput	4000	106.56
	Jeypore	2000	53.28
	Nowrangpur	1384	36.87
	Malkangiri	5000	133.20
	Total-	**18384**	**489.75**
	Grand Total-	**95000**	**2530.80**

4.2 Silvicultural Operation And Maintenance of Research Garden



Silvicultural research and experiment are carried out in the state 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 2023-24, for Silvicultural Operation and Maintenance of all Research Gardens existing in the State has been proposed with financial outlay of **Rs. 250 Lakh.**

5. PROTECTION OF FORESTS



Forests are prone to various types of damages such as fire, grazing, illicit tree cutting, encroachments on lands etc. To protect the forest area from such damages, protection needs to be strengthened. The forests are highly susceptible to forest fires which in many cases due to natural or man-made. The fire incidences, if not controlled within the shortest possible time, cause irreversible damages in terms of vegitation resources and destruction of wildlife as well as eco-diversity. The scheme envisages various measures to control the forest fires. Under this scheme, protection measures such as modernization of forest force & fire fighting are special fields. All out effort has been made under CAMPA for protection of forest.

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. Georeferencing of the forest block boundaries utilising latest technology is crucial to make any interpretation based on aerial and satellite imagery and to locate events or changes occuring inside forests. Geo-Referencing in consolidation of notified forest Blocks are very much useful for protection of forest boundaries by way of getting early warning and to prevent the encroachment of forest land for different activities. In this APO 2023-24, for Protection of Forest through consolidation by Geo Referencing of Notified Forest Blocks over an area of 13046.87 Km^2 and 3965.17 Km^2 of Revenue and Deemed Forest Area with financial outlay of **Rs 3000 Lakhs.** has been proposed. The details of activities are mentioned in Table 5.1

Table 5.1Activity wise details forconsolidation by geo-referencing of notified forest block

Sl No	Item of Work	Outlay Rs. in Lakhs
1	Preparation of cadastral map vector and management map vector of notified forest block after joint verification of forest and revenue personnel	900
2	DGPS Survey, QA QC verification and map preparation	1800
3	Digitization and georeferencing of revenue and deemed forest of 3965.17 Km^2 & preparation of degraded revenue forest land bank for Compensatory afforestation	300
	Total	**3000**

5.2 Protection of Forest through provisioning of mobility by hired vehicle

Forest protection is vital in forest management that focuses primarily on prevention and control of destruction of forests due to biotic interference. The survival and re-generation of flora and fauna has come under threat due to illegal exploitation of forest by external elements. Continuous patrolling inside the forests alone will ensure proper watch against any such illegal activities and prompt legal action on such forest and wildlife offences. There are sufficient network of forest roads inside but the lack of sufficient means in mobility and communication are coming on the way in ensuring 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 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 2023-24, for forest protection **Rs.1706.4 Lakhs.** 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 protection of forest through provisioning of mobility by hired vehicle (whole year)

Division	Vehicle for Forest Protection squad (Hired vehicle Rs.31,000/- + Fuel Rs.14,000/ P.M) total Rs.5.40 lakhs				
	Divn	ACF (Hqrs) in Divn.	Circle	Total	Fina
	Phy	Phy	Phy	Phy	
Angul	6	1	1	8	43.20
Athmallik	5	1		6	32.40
Dhenkanal	8	1		9	48.60
Athagarh	5	1		6	32.40
Cuttack	6	1		7	37.80
TOTAL	**30**	**5**	**1**	**36**	**194.4**
Khurda	6	1		7	37.80
Nayagarh	7	1		8	43.20
City Forests	4	1	1	6	32.40
TOTAL	**17**	**3**	**1**	**21**	**113.4**
Phulbani	7	1		8	43.20
Baliguda	7	1		8	43.20
Boudh	5	1		6	32.40
Gh.South	5	1		6	32.40
Gh.North	5	1		6	32.40
Berhampur	4	1	1	6	32.40
Parlakhemundi	7	1		8	43.20
TOTAL	**40**	**7**	**1**	**48**	**259.2**
Jharsuguda	5	1		6	32.40
Sambalpur	5	1	1	7	37.80
Rairakhol	6	1		7	37.80
Bargarh	6	1		7	37.80
TOTAL	**22**	**4**	**1**	**27**	**145.8**
Sundargarh	6	1		7	37.80
Rourkela	6	1	1	8	43.20
Bonai	7	1		8	43.20
Deogarh	5	1		6	32.40
Keonjhar	7	1		8	43.20
TOTAL	**31**	**5**	**1**	**37**	**199.8**
Baripada	7	1	1	9	48.60
Karanjia	4	1		5	27.00
Rairangpur	5	1		6	32.40
TOTAL	**16**	**3**	**1**	**20**	**108**
Kalahandi(N)	5	1	1	7	37.80
Kalahandi (S)	7	1		8	43.20
Subarnapur	4	1		5	27.00
Bolangir	11	1		12	64.80
Khariar	5	1		6	32.40
TOTAL	**32**	**5**	**1**	**38**	**205.2**
Rayagada	7	1		8	43.20
Koraput	5	1	1	7	37.80
Jeypore	7	1		8	43.20
Nabarangpur	6	1		7	37.80
Malkangiri	6	1		7	37.80
TOTAL	**31**	**5**	**1**	**37**	**199.8**
State Authority	**52**	**0**	**0**	**52**	**280.80**
Total	**271**	**37**	**8**	**316**	**1706.40**

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 area is vast and mostly remote and due to leaf fall forest land gets full of highly combustible material, a fuel source for forest fire. The fire ignition may primarily be caused through human actions apart from natural reasons. The dry 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 and engaging Fire Squad. 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 2023-24, 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 2023-24 Fire Season with a Financial Outlay of Rs **1543.19 Lakh** has been proposed and the division wise details are given in the **Table 6**

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 2023-24, it is proposed for Creation and Maintenance of fire line over **19500 RKM** with a Financial Outlay of **Rs 649.35 Lakh.** The division wise details are given in the **Table 6**

6.3 Procurement of Fire Blower including fuel and other accessories

In this APO 2023-24, for Procurement of Fire Blower including fuel and other accessories with a Financial Outlay of **Rs 198.90 Lakhs** has been proposed and the division wise details are given in the **Table 6**

6.4 Logistic support for fire squads

In this APO 2023-24, for Logistic support i.e. Medicines, Fire Gear, Torch Light etc. for fire squads of 213 unit with a Financial Outlay of **Rs 181.05 Lakhs** 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 2023-24 for Training Programme on Forest Fire to the frontline Forest Staff in 283 units over the state with a Financial Outlay of **Rs 28.30 Lakhs** 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 2023-24, a Financial Outlay of **Rs 141.50 Lakhs** has been proposed for Awareness Campaign in 283 fire vulnerable ranges and the division wise details are given in the **Table 6**

6.7 Fire Watch Tower

The earliest detection of forest fire result in minimum damage of forest. In remote forest area Fire watch tower is proposed at strategic location for early detection and sharing of information with fires response teams. In this APO 2023-24, 10 nos. of Fire Watch Tower with a Financial Outlay of **Rs 200.00 Lakhs.** has been proposed and the division wise details are given in the **Table 6**

Table 6: Division wise Target of Fire prevention and Control

Name of Division	Wages of Fire fighting squads in each Forest Range @ Rs.4.995 lakhs/squad		Fire vehicle @ Rs.0.015/ day and 150 day=2.25lakhs		Fire line Maintenance @ Rs.0.0333 lakhs/KM		Logestic to the Fire Protection squad @ Rs.0.85 lakhs/Sqd		Procurement of Fire Blower/ Fuel/ other assessories @0.65/lakhs		Training on Forest Fire to the Frontline staff @ Rs.0.10 lakhs		Awareness Campaign in the Ranges @ Rs.0.50 lakhs		Fire Watch Tower @ Rs.20.00 lakhs		TOTAL
	Phy	Fina	Phy	Fina	Phy	Fina	Phy	Fina	Phy	Fina	Phy	Fina	Phy	Fina	Phy	Fina	Fin
Angul	6	29.97	6	13.50	600	19.98	6	5.10	6	3.90	6	0.60	6	3.00		0.00	**76.05**
Athmallik	5	24.98	5	11.25	600	19.98	5	4.25	8	5.20	8	0.80	8	4.00		0.00	**70.46**
Dhenkanal	8	39.96	8	18.00	600	19.98	8	6.80	10	6.50	8	0.80	8	4.00	1	20.00	**116.04**
Athagarh	5	24.98	5	11.25	500	16.65	5	4.25	8	5.20	8	0.80	8	4.00		0.00	**67.13**
Cuttack	3	14.99	3	6.75	300	9.99	3	2.55	3	1.95	3	0.30	3	1.50		0.00	**38.03**
Khurda	6	29.97	6	13.50	300	9.99	6	5.10	6	3.90	6	0.60	6	3.00		0.00	**66.06**
Nayagarh	7	34.97	7	15.75	600	19.98	7	5.95	10	6.50	8	0.80	8	4.00	1	20.00	**107.95**
City Forests	1	5.00	1	2.25	100	3.33	1	0.85	1	0.65	1	0.10	1	0.50		0.00	**12.68**
Phulbani	7	34.97	7	15.75	800	26.64	7	5.95	10	6.50	10	1.00	10	5.00	1	20.00	**115.81**
Baliguda	7	34.97	7	15.75	800	26.64	7	5.95	10	6.50	10	1.00	10	5.00		0.00	**95.81**
Boudh	5	24.98	5	11.25	500	16.65	5	4.25	6	3.90	6	0.60	6	3.00		0.00	**64.63**
Gh.South	5	24.98	5	11.25	700	23.31	5	4.25	8	5.20	8	0.80	8	4.00		0.00	**73.79**
Gh.North	5	24.98	5	11.25	600	19.98	5	4.25	6	3.90	6	0.60	6	3.00		0.00	**67.96**
Berhampur	4	19.98	4	9.00	600	19.98	4	3.40	8	5.20	8	0.80	8	4.00		0.00	**62.36**
Parlakhemundi	7	34.97	7	15.75	800	26.64	7	5.95	12	7.80	12	1.20	12	6.00		0.00	**98.31**
Jharsuguda	5	24.98	5	11.25	300	9.99	5	4.25	6	3.90	6	0.60	6	3.00			**57.97**
Sambalpur	5	24.98	5	11.25	500	16.65	5	4.25	8	5.20	8	0.80	8	4.00	1	20.00	**87.13**

Rairakhol	6	29.97	6	13.50	600	19.98	6	5.10	8	5.20	8	0.80	8	4.00			**78.55**
Bargarh	6	29.97	6	13.50	500	16.65	6	5.10	6	3.90	6	0.60	6	3.00			**72.72**
Sundargarh	6	29.97	6	13.50	500	16.65	6	5.10	8	5.20	8	0.80	8	4.00	1	20.00	**95.22**
Rourkela	6	29.97	6	13.50	500	16.65	6	5.10	8	5.20	8	0.80	8	4.00		0.00	**75.22**
Bonai	7	34.97	7	15.75	500	16.65	7	5.95	8	5.20	8	0.80	8	4.00		0.00	**83.32**
Deogarh	5	24.98	5	11.25	400	13.32	5	4.25	6	3.90	6	0.60	6	3.00		0.00	**61.30**
Keonjhar	7	34.97	7	15.75	600	19.98	7	5.95	10	6.50	10	1.00	10	5.00	1	20.00	**109.15**
Baripada	7	34.97	7	15.75	500	16.65	7	5.95	10	6.50	10	1.00	10	5.00	1	20.00	**105.82**
Karanjia	4	19.98	4	9.00	500	16.65	4	3.40	7	4.55	7	0.70	7	3.50		0.00	**57.78**
Rairangpur	5	24.98	5	11.25	300	9.99	5	4.25	10	6.50	10	1.00	10	5.00		0.00	**62.97**
Kalahandi(N)	5	24.98	5	11.25	600	19.98	5	4.25	10	6.50	10	1.00	10	5.00		0.00	**72.96**
Kalahandi (S)	7	34.97	7	15.75	600	19.98	7	5.95	10	6.50	9	0.90	9	4.50	1	20.00	**108.55**
Subarnapur	4	19.98	4	9.00	500	16.65	4	3.40	6	3.90	6	0.60	6	3.00		0.00	**56.53**
Bolangir	11	54.95	11	24.75	600	19.98	11	9.35	15	9.75	12	1.20	12	6.00		0.00	**125.98**
Khariar	5	24.98	5	11.25	500	16.65	5	4.25	8	5.20	8	0.80	8	4.00		0.00	**67.13**
Rayagada	7	34.97	7	15.75	600	19.98	7	5.95	10	6.50	7	0.70	7	3.50	1	20.00	**107.35**
Koraput	6	29.97	6	13.50	500	16.65	6	5.10	10	6.50	7	0.70	7	3.50	1	20.00	**95.92**
Jeypore	6	29.97	6	13.50	500	16.65	6	5.10	10	6.50	7	0.70	7	3.50		0.00	**75.92**
Nabarangpur	6	29.97	6	13.50	500	16.65	6	5.10	10	6.50	7	0.70	7	3.50		0.00	**75.92**
Malkangiri	6	29.97	6	13.50	500	16.65	6	5.10	10	6.50	7	0.70	7	3.50		0.00	**75.92**
G.TOTAL	**213**	**1063.94**	**213**	**479.25**	**19500**	**649.35**	**213**	**181.05**	**306**	**198.90**	**283**	**28.30**	**283**	**141.50**	**10**	**200.00**	**2942.29**

7. SOIL AND MOISTURE CONSERVATION IN FOREST AREA



Forest is the origin of the streams and rivers, therefore it is very important to conserve soil and moisture in its catchment area. Emphasis is given on to the drainage line treatment. SMC works on the site are carried out as per the site specific approved treatment plan.

Forests and trees affect the hydrologic behavior of a watershed, including the quantity and quality of stream flow, erosion and sedimentation. In general, natural forests yield the highest quality of water of any ecosystem. The lowest erosion and sedimentation rates are usually associated with forested watersheds in natural conditions. Stream flow from forested watersheds tends to be more uniform, with peak flows lower than those from watersheds with other vegetative cover. Watershed protection enhance the water resources, and watershed rehabilitation. The importance of environmental services is becoming increasingly evident to society, in particular carbon sequestration, biodiversity protection and water treatment and retention through Soil and moisture conservation measures in the forest floor. Different intervention of SMC works like staggered trench, percolation pits, loose boulder check dam, brush wood check dam and graded earthen bonds etc are carried out to enhance the moisture regime in forest floor and periphery areas. The SMC works have been proposed in saturation mode in each of forest blocks. The DPR for SMC work has to be prepared through expert agencies and LIDAR survey.

Soil and Moisture Conservation in Forest area is a major intervention to enhance the moisture regime of the forest floor. 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. In APO 2023-24, the SMC activities has been proposed over **15427 ha** area with total financial outlay of **Rs 5399.45 Lakh**. The division wise targets shall be furnished soon after DPRs are received

Table No 7 Divisional wise Physical Target andFinancial outlay of SMC @ Rs.0.35 lakhs/Ha

Circle	Division	Area (ha)	Fin (Rs in Lakhs)
Angul	Angul	500	175.00
	Athmallik	400	140.00
	Satkosia WL	300	105.00
	Dhenkanal	500	175.00
	Athgarh	517	180.95
	Cuttack	300	105.00
	Total-	**2517**	**880.95**
BBSR	Khurda	300	105.00
	Nayagarh	600	210.00
	Total-	**900**	**315.00**
Berhampur	Phulbani	700	245.00
	Baliguda	700	245.00
	Boudh	500	175.00
	Gh.South	500	175.00
	Gh.North	500	175.00
	Parlakhemundi	600	210.00
	Total-	**3500**	**1225.00**
Sambalpur	Sambalpur	500	175.00
	Rairakhol	500	175.00
	Bargarh	400	140.00
	Bamara WL	400	140.00
	Total-	**1800**	**630.00**
Bhawanipatna	Kalahandi(N)	750	262.50
	Kalahandi (S)	700	245.00
	Subarnapur	500	175.00
	Bolangir	800	280.00
	Khariar	700	245.00
	Sunabeda WL	400	140.00
	Total-	**3850**	**1347.50**
Koraput	Rayagada	600	210.00
	Koraput	600	210.00
	Jeypore	500	175.00
	Nowrangpur	600	210.00
	Malkangiri	560	196.00
	Total-	**2860**	**1001.00**
	Grand Total-	**15427**	**5399.45**



WILDLIFE MANAGEMENT

1. ACTIVITIES UNDER NPV 80% COMPONENTS

A. Wildlife Protection and Management



Wildlife protection and management is exposed to many challenges due to increase in human population, developmental needs 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 from **80% NPV components**

The following are the proposals under this item:-

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 areas where 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. Therefore, due provision for rapid response team, mobility, POL and procurement and maintenance of boats/equipment for tracking/ monitoring etc including personal protection equipments and anti-depredation equipments need to be procured well in advance and also as and when required for 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 minimise human wildlife conflict. Govt. have approved the scheme "**Jana Surakshya Gaja Rakshya"** for taking up solar power fencing with community participation. In the said scheme, 10% of the total cost for fencing will be borne by the community and the rest 90% by the Government. Similarly for protection of the individual property, 50% contribution of the total cost will be borne by the beneficiary and the balance 50% by the Government.

Further, People's participation through schemes like Gaja Sathi, where VSS and PRI institutions have achieved great success in creating people oriented first line of response during 2021-22 and 2022-23 in addressing situations owing to human wildlife interface conflict. During 2021-22 557 villages were taken up under this scheme which was enhanced to 863 villages during 2022-23 based on the positive feedback received from the field functionaries. This has also given significant result in preventing human wildlife conflict by effective and early circulation of vital information among forest fringe dwellers and ensuring safe passage to the wildlife. Funds have been proposed to provide necessary protective gear, training, incentives and anti-depredation equipments to 5 members each (to be selected by the VSS/PRI) of 1000 villages falling within the identified 84 most vulnerable ranges of the state.

Apart from these interventions, intelligence network between field and the divisions in close coordination with wildlife headquarters is required for quick exchange of information and ameliorative/ preventive action on wildlife crime. Besides, monitoring of elephant movement, data related to wildlife crime and other untoward incidences need to be shared on daily basis between headquarters and filed units. For this purpose, 24 x 7 wildlife crime cell is functioning at the headquarters level and in all wildlife divisions. This is a necessary prescription from Wildlife Crime Control Bureau (WCCB), New Delhi also. Hence fund provision of **Rs. 2256.00 lakh** has been made for the purpose as detailed below: -

Table1 Protection and Anti-depredation Activities (Rs. in lakh)

Sl. No.	Item of work	Unit	Unit cost	Qty/ Unit (in No.)	Proposed amount
(i)	Anti-depredation equipments/Tracking devices.	Nos.	4.00	84	336.00
(ii)	Boat patrolling for protection activities including POL, Wages and maintenance.		LS	103	150.00
(iii)	Fencing and Erection of physical barriers like Solar Fencing, trench fencing, fencing of dugwell, ditches etc. including maintenance. (EPT- Rs.663.00 lakh + Solar Fencing- Rs.337.00 lakh = Rs.1000.00 lakh)	RKM. RKM	8.50 4.746	78 71	663 336.96
(iv)	Human wildlife conflict mitigation through community participation.	No.	0.50	1000	500.00
(v)	Protection of Wildlife, its habitat and prevention of Wildlife Crime.	LS			150.00
(vi)	Maintenance of Boundary of protected Areas.	Rkm.	0.25	480	120.00
	Total:				**2256.00**

The Division wise details are in following tables

1(i) Anti-depredation equipments Tracking devices (Unit Cost @ Rs.4.00 lakh) (Rs. in lakh)

Sl. No.	Name of the Division	Name of the Ranges	Unit (No.)	Unit Cost	Funds allotted
1	Angul	Jarapada-1 No., Bantal-1 No. & Angul-1 No.	3	4.00	12.00
2	Dhenkanal	Hindol-1 no., Kamakshyanagar west-1no. & Sadangi-1 no.	3	4.00	12.00
3	Athgarh	Narsinghpur West-1 no, Narsinghpur East-1 no & Badamba-1 no.	3	4.00	12.00
4	Athmallik	Bamur-1 no. & Madhapur-1 no.	2	4.00	8.00
5	Satkosia WL	Pampasar-1 no., Purunakote-1 no. & Tikarpada- 1 no.	3	4.00	12.00
6	Mahanadi WL	Kusang-1 no. & Chhamundia-1 no.	2	4.00	8.00
7	Balasore WL	Soro-1 no. & Kuldiha-2 nos.	3	4.00	12.00
8	Rairangpur	Badampahar-1 no. & Bisoi-1 no.	2	4.00	8.00
9	Baripada	Bangiriposhi-1 no., Deuli-1 no. & Kaptipada-1 no.	3	4.00	12.00
10	Karanjia	Thakurmunda-1 no. & Dudhiani-1 no.	2	4.00	8.00
11	Keonjhar WL	Anandpur-1 no., Hadgarh-1 no. & Brahmanipal-1 no.	3	4.00	12.00
12	Similipal (S)	Nawana South- 1 no., Jenabil-1 no. & Bhanjbasa-1 no.	3	4.00	12.00
13	Similipal (N)	Talabandh- 1 no. & Thakurmunda-1 no.	2	4.00	8.00
14	Ghumsur (N)	Garasing-2 Nos.	2	4.00	8.00
15	Ghumsur (S)	Division	1	4.00	4.00
16	Parlakhemundi	Division	1	4.00	4.00
17	Balliguda	Division	1	4.00	4.00
18	Boudh	Madhapur-2 nos.	2	4.00	8.00
19	Subarnapur	Ullunda-2 nos.	2	4.00	8.00
20	Kalahandi (N)	Narla-1 no.	1	4.00	4.00
21	Kalahandi (S)	Karlapat-2 Nos.	2	4.00	8.00
22	Khordh	Tangi-3 Nos.	3	4.00	12.00
23	Nayagarh	Gania-1 no. & Daspalla-1 no.	2	4.00	8.00
24	Rayagada	Division	1	4.00	4.00
25	Koraput	Division	1	4.00	4.00
26	Nawarangpur	Division	1	4.00	4.00
27	Malkangir	Division	1	4.00	4.00
28	Bonai	Jarda-1 no., Tamra-1 no. & Sole-1 no.	3	4.00	12.00
29	Deogarh	Deogarh-1 no., Khamar-1 no. & Pallahra-1 no.	3	4.00	12.00
30	Keonjhar - T	Ghatagoan-1 no., Champua-1 no. & Telkoi-1 no.	3	4.00	12.00
31	Rourkela	Bisra-1 no., Banki-1 no. & Panposh-1 no.	3	4.00	12.00
32	Sundargarh	Division	1	4.00	4.00
33	Sambalpur	Sadar-1 no., Padiabahal-1 no. & Dhama- 1 no.	3	4.00	12.00
34	Jharsuguda	Bagdihi-2 nos.	2	4.00	8.00
35	Redhakhol	Girishchandrapur-1 no. & Naktideol-1 no.	2	4.00	8.00
36	Bamra WL	Khalasuni-1 no., Jamankira-1 no. & Badrama-1 no.	3	4.00	12.00
37	Bargarh	Bhatli- 2 nos.	2	4.00	8.00
		Total:-	**80**	**4.00**	**320.00**
		Reserve at WL Hqtr:-	**4**	**4.00**	**16.00**
		Grand Total:-	**84**	**4.00**	**336.00**

N.B:- Kept reserve to meet any eventuality

1(ii) Boat patrolling for protection activities including POL, Wages and maintenance. (Unit Cost @ LS)

SL. No.	Name of the Division	Unit (In No.)	Unit Cost (Rs. in lakh)	Funds allotted (Rs. In lakh)
1	**2**	**3**	**4**	**5**
1	Satkosia WL	10	LS	10.00
2	Mahanadi WL	2	LS	1.50
3	Athmallik	1	LS	4.00
4	Balasore WL	2	LS	5.00
5	Baripada	4	LS	10.00
6	Keonjhar (WL)	3	LS	10.00
7	Similipal South	5	LS	5.00
8	Similipal North	8	LS	5.00
9	Berhampur	7	LS	10.00
10	Khariar	2	LS	1.10
11	Puri WL	4	LS	5.00
12	Chilika WL	12	LS	10.00
13	Mangrove WL	22	LS	25.00
14	Bhadrak WL	5	LS	10.00
15	Malkangiri	1	LS	4.00
16	Hirakud WL	15	LS	10.00
Total:-		**103**	**LS**	**125.60**
Reserve (WL Head Quarter):-				**24.40**
Grand Total:-				**150.00**

N.B:- It is a site specifc requirment and hence unit cost can not be arrived at. Further Rs.24.40 lakh is kept for urgent need towards procurement of boats and cost of POL etc**.**

1 (iii-a) Fencing and Erection of physical barriers like Solar Fencing, trench fencing etc. including implementation of schemes like Jana Surakshya Gaja Rakshya etc. (Unit Cost @ 8.50 lakh)

SL. No.	Name of the Division	Unit (In Km.)	Unit Cost (Rs. in lakh)	Amount (Rs. In lakh)
1	Athmallik	3	8.50	25.50
2	Balasore WL	5	8.50	42.50
3	Bamra WL	2	8.50	17.00
4	Baripada	4	8.50	34.00
5	Bolangir	4	8.50	34.00
6	Bonai	4	8.50	34.00
7	Chandaka WL	2	8.50	17.00
8	Deogarh	3	8.50	25.50
9	Jharsuguda	2	8.50	17.00
10	Kalahandi (S)	5	8.50	42.50
11	Kalahandi North	3	8.50	25.50
12	Karanjia	4	8.50	34.00
13	Keonjhar (T)	3	8.50	25.50
14	Keonjhar (WL)	2	8.50	17.00
15	Khariar	5	8.50	42.50
16	Khurda	5	8.50	42.50
17	Mahanadi WL	1	8.50	8.50
18	Mangrove WL	3	8.50	25.50
19	Nayagarh	3	8.50	25.50
20	Parlakhemundi	1	8.50	8.50
21	Rairangpur	2	8.50	17.00
22	Satkosia WL	3	8.50	25.50

23	Similipal North (WL)	3	8.50	25.50
24	Similipal South	5	8.50	42.50
25	Subarnapur	1	8.50	8.50
TOTAL		**78**	**8.50**	**663.00**

Site wise details of Fencing and Erection of physical barriers like Solar Fencing, trench fencing is given in **Annexure III-XLVI**

1 (iii-b) Solar Fencing, (Unit Cost @ 4.76 lakh per KM)

SL. No.	Name of the Division	No of Locations	Km	Unit Cost (Rs. in lakh)	Amount (Rs. In lakh)
1	Angul	4	7	4.76	32.36
2	Athagarh	3	3	4.76	14.28
3	Balasore WL	5	5	4.76	23.8
4	Balliguda	2	5	4.76	23.8
5	Bamra WL	2	4	4.76	19.04
6	Bonai	1	3	4.76	14.28
7	Chandaka WL	4	4	4.76	19.04
8	Cuttack	1	2	4.76	9.52
9	Deogarh	3	6	4.76	28.56
10	Ghumsur (N)	3	3	4.76	14.28
11	Hirakud WL	2	6	4.76	28.56
12	Kalahandi North	1	1	4.76	4.76
13	Keonjhar (WL)	2	3	4.76	14.28
14	Rourkela	7	11	4.76	52.36
15	Satkosia WL	1	3	4.76	14.28
16	Sundargarh	3	5	4.76	23.8
Total			**71**	**4.76**	**337.00**

Site wise details of Fencing and Erection of Solar Fencing is given in **Annexure III-XLVII**

1 (iv) Human wildlife conflict mitigation through community participation (Unit Cost @ Rs.0.50 lakh)

Sl. No.	Name of the Division	Unit (In No.)
1	Angul	125
2	Athgarh	105
3	Athmallik	25
4	Balasore WL	25
5	Baripada	105
6	Berhampur	10
7	Bolangir	25
8	Bonai	15
9	Cuttack	10
10	Deogarh	93
11	Dhenkanal	150
12	Ghumsur North	25
13	Ghumsur South	10
14	Kalahandi North	25
15	Kalahandi South	10
16	Karanjia	30
17	Keonjhar WL	10
18	Keonjhar T	160
19	Khordha	45
20	Nayagarh	10
21	Redhakhol	54
22	Rairangpur	10

23	Rourkela	20
24	Sambalpur	50
25	Subarnapur	10
26	Sundargarh	20
	Total:-	**1177**

N.B:- The provision has been made for 1000 villages @0.50 Lakhs per Unit=500.00 Lakhs.
The expenditure for the rest of the villages (177 Nos) will be met from RWLMP.

1 (v) Protection of Wildlife, its habitat and prevention of wildlife Crime. (Unit cost @ Rs.7.32 lakh)

SL. No.	Name of the Division	Unit (In No.)	Unit Cost (Rs. in lakh)	Funds allotted (Rs. In lakh)
1	Satkosia (WL)	1	7.32	7.32
2	Mahanadi (WL)	1	7.32	7.32
3	Balasore (WL)	1	7.32	7.32
4	Keonjhar (WL)	1	7.32	7.32
5	Similipal South (WL)	1	7.32	7.32
6	Similipal North (WL)	1	7.32	7.32
7	Sunabeda (WL)	1	7.32	7.32
8	Puri (WL)	1	7.32	7.32
9	Chillika (WL)	1	7.32	7.32
10	Chandaka (WL)	1	7.32	7.32
11	Mangrove (WL)	1	7.32	7.32
12	Bhadrak (WL)	1	7.32	7.32
13	Bamra (WL)	1	7.32	7.32
14	Hirakud (WL)	1	7.32	7.32
15	Dy. Dir, Nandankanan	1	7.32	7.32
Total:-		**15**	**7.32**	**109.80**
Wildlife Head Quarter:-				**40.20**
Grand Total:-				**150.00**

1 (vi) Maintenance of Boundary of Protected Areas (Unit Cost @ Rs.0.25 lakh)

SL. No.	Name of the Division	Unit (In Km.)	Unit Cost (Rs. in lakh)	Amount (Rs. In lakh)
1	Dhenkanal	20	0.25	5.00
2	Satkosia (WL)	26	0.25	6.50
3	Mahanadi (WL)	20	0.25	5.00
4	Athmallik	16	0.25	4.00
5	Athgarh	1	0.25	0.25
6	Balasore (WL)	35	0.25	8.75
7	Keonjhar (WL)	40	0.25	10.00
8	Similipal North	30	0.25	7.50
9	Similipal South	60	0.25	15.00
10	Balliguda	25	0.25	6.25
12	Kalahandi South	20	0.25	5.00
14	Sunabeda (WL)	30	0.25	7.50
15	Puri (WL)	12	0.25	3.00
16	Chillika (WL)	25	0.25	6.25
17	Chandaka (WL)	20	0.25	5.00
18	Mangrove (WL)	25	0.25	6.25
19	Bamra (WL)	30	0.25	7.50
20	Hirakud (WL)	15	0.25	3.75
21	NKZP	30	0.25	7.50
Total:-		**480**	**0.25**	**120.00**

Site wise maintainance boundary is given in **Annexure III-XLVIII**

Unit cost for Maintenance of boundary of Protected Areas per Kilometer

Sl. No.	Desciptions	Amount (In Rupees)
1	Maintenance/constructionof boundary pillar per Rkm along with the boundary of protected areas.	21000
2	Boundary maintenance @ Rs.333/- for 10 mandays per Rkm	3330
3	Miscellaneous expencess Rs.670/- per Rkm	670
	Total:-	**25000**

2. Forest fire prevention and control in Protected Areas

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 time, wild animal and their young ones or eggs also get injured/ damaged by it. In this connection the proposal for **Rs 967.61 lakh** as detailed below is incorporated.

Forest Fire Prevention and Control operations (Rs. in lakh)

Sl. No.	Item of work	Unit	Unit cost	Qty/ Unit (in No.)	Proposed amount
(i)	Fire-fighting Squads inculding hired vehicle & it's fuel @2,000/- per day.	Nos.	7.245	58	420.21
(ii)	Fire-fighting equipments including Blowers along with fuel.	Nos.	0.65	100	65.00
(iii)	Logistics support for the fire fighting squads.	Nos.	0.85	58	49.30
(iv)	Fire line Creation & maintenance.	KM	0.0333	7000	233.10
(v)	Construction of Fire Watch Tower.	Nos.	20.00	10	200.00
Total:					**967.61**

The Division wise details is furnished in the tables below

2. (i) Fire-fighting Squads with vehicle & fuel @2000/- per day (Unit Cost @ Rs.7.245 lakh)

SL. No.	Name of the Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Funds allotted (Rs. In lakh)
1	Satkosia Wildlife Division	Tikarpada	1	7.245	7.245
		Purunakote	1	7.245	7.245
		Jillinda	1	7.245	7.245
		Raigoda	1	7.245	7.245
		Pampasa	1	7.245	7.245
2	Mahanadi Wildlife Division	Banigochha East	1	7.245	7.245
		Banigochha west	1	7.245	7.245
		Chhamundia	1	7.245	7.245
		Kusanga	1	7.245	7.245
3	Balasore WL	Kuldiha	1	7.245	7.245
		Jodachua	1	7.245	7.245
		Panchalingeswar	1	7.245	7.245
		Baghampada	1	7.245	7.245
4	Keonjhar (WL)	Anandapur	1	7.245	7.245
		Hadagarh	1	7.245	7.245
		Deogaon	1	7.245	7.245
		Brahmanipal	1	7.245	7.245

5	Similipal South	Pithabata(S)-2	1	7.245	7.245
		Jenabil	1	7.245	7.245
		Pithabata (N)-2	1	7.245	7.245
		Dukura (WL)-2,	1	7.245	7.245
		Nawana South-2	1	7.245	7.245
		National Park,	1	7.245	7.245
		UBK,	1	7.245	7.245
6	Similipal North	Gurguria WL Range	1	7.245	7.245
		Barehipani WL Range	1	7.245	7.245
		Kendumundi WL Range	1	7.245	7.245
		Talabandha WL Range	1	7.245	7.245
		Nawana (North) WL Range	1	7.245	7.245
		Thakurmunda (WL) Range	1	7.245	7.245
		Chahala WL Range	1	7.245	7.245
7	Sunabeda WL	Jamgaon	1	7.245	7.245
		Golabandha	1	7.245	7.245
		Sunabeda	1	7.245	7.245
8	Puri WL	Balukhand	1	7.245	7.245
9	Chilika WL	Rambha	1	7.245	7.245
10	Chandaka WL	Bhubaneswar	1	7.245	7.245
		Chandaka	1	7.245	7.245
		Haladia	1	7.245	7.245
		Dampara	1	7.245	7.245
11	Bamra WL	Bamra	1	7.245	7.245
		Badrama	1	7.245	7.245
		Kuchinda	1	7.245	7.245
		Kisinda	1	7.245	7.245
		Jamankira	1	7.245	7.245
12	Hirakud WL	Lakhanpur	1	7.245	7.245
		Kamgaon	1	7.245	7.245
		Debrigarh	1	7.245	7.245
Total:-			**48**	**7.245**	**347.76**
WL Head Quarter:-			**10**	**7.245**	**72.45**
Grand Total:-			**58**	**7.245**	**420.21**

2 (ii) Fire-fighting equipments including Blowers alog with fuel (Unit cost @ Rs.0.65 lakh)

SL. No.	Name of the Division	Unit (In Km.)	Unit Cost (Rs. in lakh)	Funds allotted (Rs. In lakh)
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**

2 (iii) Logistics Support for the fire-fighting squads (Unit Cost @ Rs.0.85 lakh)					
SL. No.	**Name of the Division**	**Location**	**Unit (In Km.)**	**Unit Cost (Rs. in lakh)**	**Funds allotted (Rs. In lakh)**
1	Satkosia Wildlif	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	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
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**
WL Head Quarter:-			**10**	**0.85**	**8.50**
Grand Total:-			**58**	**0.85**	**49.30**

2 (iv) Fire-line creation & maintenance (Unit Cost @ Rs.0.0333 lakh per Km.)

Name of Division	Unit (In Km.)	Unit Cost (Rs. in lakh)	Funds allotted (Rs. In lakh)
Satkosia WL	1050	0.0333	34.97
Mahanadi WL	500	0.0333	16.65
Balasore WL	240	0.0333	7.99
Keonjhar (WL)	525	0.0333	17.48
Similipal South	1050	0.0333	34.97
Similipal North WL	968	0.0333	32.234
Sunabeda WL	610	0.0333	20.313
Puri WL	200	0.0333	6.66
Chilika WL	200	0.0333	6.66
Chandaka WL	516	0.0333	17.18
Bamra WL	716	0.0333	23.843
Hirakud WL	425	0.0333	14.153
Grand Total	**7000**	**0.0333**	**233.10**

Site wise details of Fire-line creation & maintenance is given in **Annexure III-XLIX**

2 (vi) Construction of Fire Watch Tower (Unit Cost 20.00 lakh)

SL. No.	Name of the Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Funds Proposed (Rs. In lakh)
1	Satkosia WL	Raigoda	1	20.00	20.00
2	Mahanadi WL	Khaliduma, BPRF C/N-03	1	20.00	20.00
3	Similipal South	Dangadiha	1	20.00	20.00
4	Balliguda	Karlaghati	1	20.00	20.00
5	Phulbani	Karada PRF Nilamadhab	1	20.00	20.00
6	Bolangiri	Khairguda	1	20.00	20.00
7	Khariar	Nangalbod	1	20.00	20.00
8	Rayagada	Bhimpur RF, of Gunupur Range	1	20.00	20.00
9	Malkangir	Kalimela (Sablur)	1	20.00	20.00
10	Rourkela	Dhumaguda RF, Biramitrapur	1	20.00	20.00
Total: -			**10**	**20.00**	**200.00**

Site wise details of Fire-line creation & maintenance is given in **Annexure III-L**

3. Wildlife Habitat-Restoration and Improvement:

Habitat improvement is core of all wildlife related interventions that aim to conserve, protect and proliferate biodiversity with upward richness index 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.

This activity aims to enhance food and water availabilty for wildlife inside forest and protected areas. For this purpose, creation of 50 nos. of water harvesting structures, 150 nos. of water bodies, renovation of 100 nos. of water bodies and creation and maintenance of 100 salt licks has been proposed. This item also takes care of plantation of fruit bearing and fodder species around the water body and their subsequent maintenance upto 3rd year.

Habitat enrichment through bamboo seed ball plantation, rhizome plantation and aerial broadcasting of seeds has been planned within forest areas having steep slopes that otherwise cannot be taken up under normal plantation. Grazing depletes meadow meant for herbivores, creates soil compaction, allows colonisation of non palatable invasive grass species and also increases the risk of

transmission of communicable diseases. Hence, in this component provisions have been made for creation and maintenance of meadows and Wildlife Health Management by way of organising animal health and vaccination camps.

Odisha is frequently facing the cyclonic storms that ravage forest and protected areas. Other happenings like flowering of bamboo, forest It is also proposed to cater to certain specific biological and habitat linked requirement as necessitated by some RET species like Black Buck beyond forest and protected areas. Conservation of such species is of paramount importance for the sustenance of the landscape. This also includes conservation of important wetlands outside Protected Areas, some of which exist even within human dominated landscapes. Most often, such areas are prominent migratory bird congregation areas and deserve specific management interventions in order to ensure sustenance of the wetlands to support the winter migratory birds.

Provision has also been made for community participation-based assessment of habitat suitability to sustain it's biodiversity especially for RET species along with their prey and forage grounds exist outside the protected areas and in many cases even outside forest areas.

fires etc also have major impact over the protected areas and severly affect fodder availability of the herbivore population. This needs immediate restoration and ameliorative steps to restore normalcy. Hence, intervention like bamboo clumps improvement through appropriate silvicultural operations over an area of 5000ha has been proposed within and outside PAs.

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 of law 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 90 units of local people on casual basis along with provision of mobility and necessary logistics for ensuring effective monitoring, assessment of threats and protection of wildlife habitat both within and outside of PAs for which **Rs.4770.59 lakh**s have been proposed as per the item-wise breakup detailed below.

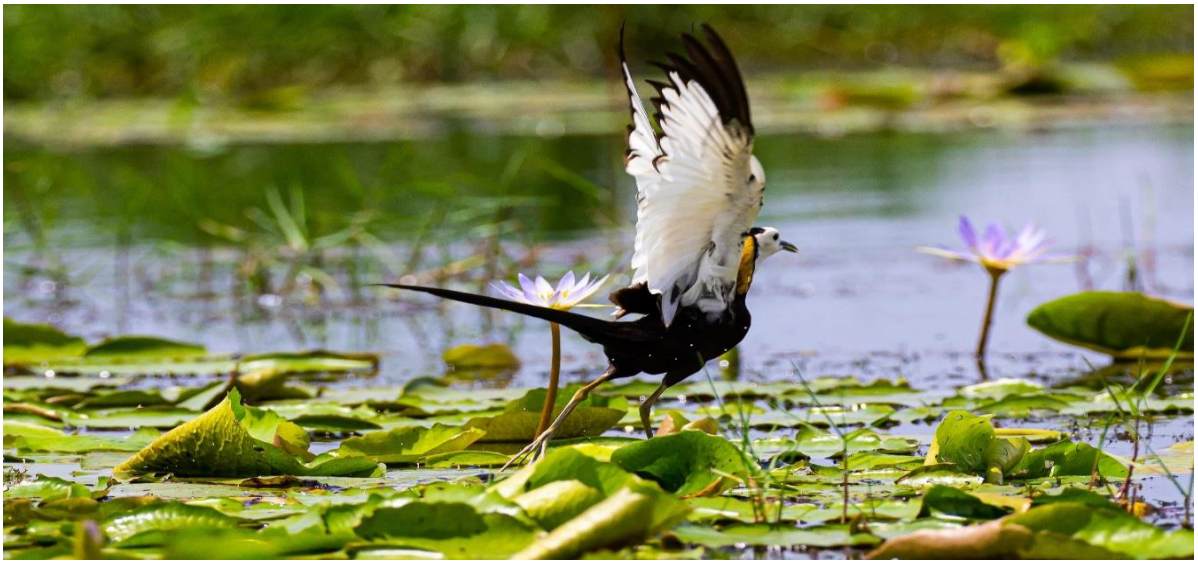


Table 3 Wildlife Habitat-Restoration and Improvement (Rs. in lakh)

Sl. No.	Item of work	Unit	Unit cost	Qty/ Unit (in No.)	amount
(i)	Creation of water body (40m x 30m x 3m)	Nos.	6.20	150	930.00
(ii)	Maintenance of Water Body created during previous years.	Nos.	1.00	100	100.00
(iii)	Plantation of Fruit Bearing and Fodder species around water bodies and maintenance thereof.	Plant in Nos.	0.0051	6350	32.39
(iv)	Second year maintenance of plantation of Fruit & Fodder species around water bodies	Plant in Nos.	0.0020	1750	3.50
(v)	Third year maintenance of plantation of Fruit & Fodder species around water bodies	Plant in Nos.	0.0012	5500	6.60
(vi)	Creation of meadows	Ha.	0.30	800	240.00
(vii)	Maintenance of Meadow.	Ha.	0.15	750	112.50
(viii)	Bamboo seedball/rhizome plantation and aerial broadcasting of seeds to enrich elephant fodder availability.	LS			50.00
(ix)	Invasive Weed eradication	Ha	0.100	1000	100.00
(x)	Creation of ficus plantation with 18 months old seedlings.	Ha	1.20	100	120.00
(xi)	Bamboo clump improvement through appropriate silvicuture operation @ 10 mandays/ ha and treatment of 50 clumps/ha using appropriate silvicutural operation.	8 MD/ per Ha	0.0266	5000	133.20
(xii)	Creation and maintenance of salt licks.	Nos.	0.50	100	50.00
(xiii)	Water Harvesting structure	Nos.	10.50	50	525.00
(xiv)	Black Buck Conservation	LS			60.00
(xv)	Conservation and wet land management of migratory bird congregation areas outside PAs	LS			140.00
(xvi)	Protection, assessment and monitoring of RET species and their habitat within and outside Protected Areas through community participation.	Nos.	21.86	90	1967.40
(xvii)	Wildlife Health Management including Cattle vaccination/ awareness and over 400 nos. of animal health camps.	Nos.	0.5	400	200.00
Total:					**4770.59**

The Division wise details are furnished in the tables below

3 (i) Creation of Water Body (Size 40m x30mx 3m) (Unit Cost @ Rs.6.20 lakh)

SL. No.	Name of Division	Unit (In No.)	Unit Cost (Rs. in lakh)	Amount (Rs. In lakh)
1	Athgarh	3	6.20	18.60
2	Athmallik	4	6.20	24.80
3	Balasore (WL)	3	6.20	18.60
4	Balliguda	5	6.20	31.00
5	Bamra WL	3	6.20	18.60

6	Bargarh	2	6.20	12.40
7	Berhampur	5	6.20	31.00
8	Bolangir	11	6.20	68.20
9	Bonai	2	6.20	12.40
10	Boudh	4	6.20	24.80
11	Chandaka WL	1	6.20	6.20
12	Chilika WL	1	6.20	6.20
13	Cuttack	2	6.20	12.40
14	Deogarh	3	6.20	18.60
15	Ghumsur (N)	4	6.20	24.80
16	Ghumsur (S)	1	6.20	6.20
17	Hirakud WL	1	6.20	6.20
18	Jharsuguda	2	6.20	12.40
19	Kalahandi (N)	3	6.20	18.60
20	Kalahandi (S)	4	6.20	24.80
21	Karanjia	3	6.20	18.60
22	Keonjhar (T)	1	6.20	6.20
23	Keonjhar (WL)	6	6.20	37.20
24	Khariar	3	6.20	18.60
25	Khordha	4	6.20	24.80
26	Koraput	2	6.20	12.40
27	Mahanadi Wildlife Division	5	6.20	31.00
28	Malkangir	5	6.20	31.00
29	Mangrove WL	3	6.20	18.60
30	Nandankanan	1	6.20	6.20
31	Nawarangpur	3	6.20	18.60
32	Nayagarh	4	6.20	24.80
33	Parlakhemundi	5	6.20	31.00
34	Phulbani	1	6.20	6.20
35	Rairakhol	3	6.20	18.60
36	Rairangpur	2	6.20	12.40
37	Rayagada	2	6.20	12.40
38	Rourkela	5	6.20	31.00
39	Sambalpur	3	6.20	18.60
40	Satkosia Wildlife Division	4	6.20	24.80
41	Similipal (North)	3	6.20	18.60
42	Similipal South	5	6.20	31.00
43	Subarnapur	3	6.20	18.60
44	Sunabeda WL	3	6.20	18.60
45	Sundargarh	3	6.20	18.60
	Grand Total	**150**	**6.20**	**930.00**

Site wise details of Water Body creation is given in **Annexure III-LI**

3 (ii) Maintenance of Water Body created during previous year (Unit cost @ Rs.1.00 lakh)

SL. No.	Name of Division	Unit (In No.)	Unit Cost (Rs. in lakh)	Amount (Rs. In lakh)
1	Angul	2	1	2
2	Athgarh	2	1	2
3	Athmallik	3	1	3
4	Balasore (WL)	3	1	3
5	Balliguda	3	1	3
6	Bamra WL	3	1	3
7	Bargarh	1	1	1
8	Baripada	1	1	1
9	Berhampur	3	1	3
10	Bolangir	3	1	3
11	Bonai	2	1	2
12	Boudh	2	1	2
13	Chandaka WL	2	1	2
14	Cuttack	2	1	2
15	Deogarh	3	1	3
16	Ghumsur (N)	2	1	2
17	Ghumsur (S)	2	1	2
18	Hirakud WL	3	1	3
19	Jharsuguda	2	1	2
20	Kalahandi (S)	2	1	2
21	Kalahandi North	2	1	2
22	Karanjia	3	1	3
23	Keonjhar (WL)	3	1	3
24	Khariar	2	1	2
25	Khordha	2	1	2
26	Koraput	2	1	2
27	Mahanadi Wildlife Division	3	1	3
28	Malkangiri	3	1	3
29	Mangrove WL	3	1	3
30	Nawarangpur	2	1	2
31	Nayagarh	3	1	3
32	Parlakhemundi	3	1	3
33	Puri WL	2	1	2
34	Rairakhol	2	1	2
35	Rairangpur	3	1	3
36	Rourkela	2	1	2
37	Sambalpur	2	1	2
38	Satkosia Wildlife Division	3	1	3
39	Similipal (North)	2	1	2
40	Similipal South	1	1	1
41	Subarnapur	2	1	2
42	Sunabeda WL	2	1	2
43	Sundargarh	2	1	2
	Grand Total	**100**	**1**	**100.00**

Site wise details of Maintenance Water Body is given in **Annexure III-LII**

3(iii) Plantation of Fruit Bearing and Fodder species around water bodies and Maintenance thereof under CAMPA APO: 2023-24 (WLM) (Unit Cost @ Rs.510/-)

SL. No.	Name of Division	Unit (In No.)	Unit Cost (Rs. in lakh)	Amount (Rs. In lakh)
1	Angul	250	0.0051	1.275
2	Athmallik	250	0.0051	1.275
3	Balliguda	300	0.0051	1.53
4	Bamra WL	100	0.0051	0.51
5	Bargarh	250	0.0051	1.275
6	Berhampur	250	0.0051	1.275
7	Bolangir	400	0.0051	2.04
8	Bonai	250	0.0051	1.275
9	Boudh	50	0.0051	0.255
10	Cuttack	250	0.0051	1.275
11	Deogarh	300	0.0051	1.53
12	Hirakud WL	950	0.0051	4.845
13	Jharsuguda	50	0.0051	0.255
14	Kalahandi South	100	0.0051	0.51
15	Karanjia	100	0.0051	0.51
16	Khordha	250	0.0051	1.275
17	Malkangiri	300	0.0051	1.53
18	Nawarangpur	350	0.0051	1.785
19	Nayagarh	250	0.0051	1.275
20	Parlakhemundi	50	0.0051	0.255
21	Rairakhol	100	0.0051	0.51
22	Rourkela	250	0.0051	1.275
23	Satkosia WL	100	0.0051	0.51
24	Subarnapur	100	0.0051	0.51
25	Sunabeda WL	700	0.0051	3.57
26	Sundargarh	50	0.0051	0.255
	Grand Total	**6350**	0.0051	**32.385**

Site wise details of Plantation of Fruit Bearing and Fodder species around water bodies and Maintenance thereof is given in **Annexure III-LIII**

3 (iv) 2nd year maintenance of Fruit Bearing and Fodder species around water bodies and Maintenance thereof (Unit Cost @ Rs.200/-)

SL. No.	Name of Division	Unit (In No.)	Unit Cost (Rs. in lakh)	Amount (Rs. In lakh)
1	Bamra WL	700	**0.002**	1.4
2	Ghumsur (N)	150	**0.002**	0.3
3	Jharsuguda	200	**0.002**	0.4
4	Mangrove WL	50	**0.002**	0.1
5	Rairakhol	400	**0.002**	0.8
6	Satkosia WL	50	**0.002**	0.1
7	Subarnapur	100	**0.002**	0.2
8	Sundargarh	100	**0.002**	0.2
9	**Grand Total**	**1750**	**0.002**	**3.5**

3 (v) 3rd year maintenance of plantation of Fruit and Fodder species around water bodies (Unit Cost @ Rs.120/-)

SL. No.	Name of Division	Location	Unit (In Nos.)	Unit Cost (Rs. in lakh)	Amount (Rs.in lakh
1	Angul	Angul	300	0.00120	0.36
2	Dhenkanal	Kapilash WL sanctuary	300	0.00120	0.36
3	Satkosia WL	Brahmanbil Kuru RF Compt. No.5	250	0.00120	0.30
4	Mahanadi Wildlife Division	Banigochha East	50	0.00120	0.06
		Chhamundia	50	0.00120	0.06
5	Cuttack	Sukinda	500	0.00120	0.60
6	Karanjia	Kalaitumba	50	0.00120	0.06
		Inside Mankadbeda RF	50	0.00120	0.06
		Kalaitumba	50	0.00120	0.06
		Inside Mankadbeda RF	50	0.00120	0.06
		Kalaitumba	50	0.00120	0.06
7	Baripada	Ghanghana	450	0.00120	0.54
8	Keonjhar (WL)	Rebana RF	500	0.00120	0.60
9	Similipal North WL		250	0.00120	0.30
10	Berhampur	Jiniguda, Sipadeipur, Burubandha, Khajuripada & Radhamohanpur	100	0.00120	0.12
11	Boudh	Bankamundi RF C/6	50	0.00120	0.06
		Subarnagiri RF, C/13	50	0.00120	0.06
12	Parlakhemundi	Durgam (50 plnats @550 per plant)	50	0.00120	0.06
13	Subarnapur	Gadgadbahal	50	0.00120	0.06
		Singhijuba	50	0.00120	0.06
14	Bolangir	Sikerpat, Deogaon	50	0.00120	0.06
		Sikachhida, Deogaon	50	0.00120	0.06
15	Kalahandi South	Karlapat Sanctuary	200	0.00120	0.24
16	Sunabeda WL	Moti Nalla	50	0.00120	0.06
		Bendra chuan	50	0.00120	0.06
17	Puri WL	Guhalpur	50	0.00120	0.06
18	Chilika WL	Nandighar DPF	50	0.00120	0.06
19	Nayagarh	Ragadimada RF C/8	50	0.00120	0.06
		Guriabari RF	50	0.00120	0.06
20	Nawarangpur	Jiraguda	50	0.00120	0.06
21	Malkangiri	Jhileruguda	50	0.00120	0.06
22	Bonai	Raipiri RF	100	0.00120	0.12
23	Keonjhar (T)	Kalapat RF - Similipal	50	0.00120	0.06
		Sankoi RF - Madhyapur	50	0.00120	0.06
24	Rourkela	N. Chirobeda RF	50	0.00120	0.06
		Hatibari	50	0.00120	0.06
25	Sundargarh	Gitpahadi	50	0.00120	0.06
		Patkijore	50	0.00120	0.06
26	Jharsuguda	Patmahal PRF	50	0.00120	0.06
		Badamal VF	50	0.00120	0.06
27	Rairakhol	R Badmal RF	50	0.00120	0.06
		Rahan RF	50	0.00120	0.06
28	Hirakud WL	Debrigarh Pond	750	0.00120	0.90
29	Bamra WL	Pravasuni RF	200	0.00120	0.24
Total:-			**5500**	**0.00120**	**6.60**

3(vi) Creation/Development Meadow (Unit Cost @ 0.30 lakh)					
SL. No.	**Name of the Division**	**Location**	**Total Ha**	**Unit Cost (Rs. in lakh)**	**Allotment (Rs. In lakh)**
1	Balasore WL	1	25	0.30	7.50
2	Balliguda	2	35	0.30	10.50
3	Bamra (WL)	8	35	0.30	10.50
4	Dhenkanal	1	10	0.30	3.00
5	Hirakud (WL)	3	75	0.30	22.50
6	Kalahandi South	3	15	0.30	4.50
7	Keonjhar (WL)	6	30	0.30	9.00
8	Mahanadi (WL)	1	30	0.30	9.00
9	Mangrove (WL)	9	20	0.30	6.00
10	Nandankanana	1	5	0.30	1.50
11	Parlakhemundi	2	30	0.30	9.00
12	Satkosia (WL)	1	100	0.30	30.00
13	Similipal North	6	55	0.30	16.50
14	Similipal South	40	300	0.30	90.00
15	Sunabeda WL	8	35	0.30	10.50
Total:-			**800**	**0.30**	**240.00**

Site wise details of Creation and development of Meadow is given in **Annexure III-LIV**

Unit cost for Creation of Meadow		
Sl. No.	**Desciptions**	**Amount (In Rupees)**
1	Procurement of palatable brousing/grazing meterial	10000
2	Land based activities regarding creation and maintenance of meadows	10000
3	Other associated activities for maintenance	5000
4	Procurement of equipments, documentation and for other logistics	5000
	Total:-	**30000**

3 (vii) Maintenance of Meadow (Unit Cost @ 0.15 lakh)

SL. No.	**Name of the Division**	**No of Location**	**Total KM**	**Unit Cost (Rs. in lakh)**	**Amount (Rs. In**
1	Bamra (WL)	3	5	0.15	0.75
2	Chandaka (WL)	3	10	0.15	1.50
3	Dhenkanal	1	10	0.15	1.50
4	Hirakud (WL)	2	85	0.15	12.75
5	Kalahandi (S)	1	5	0.15	0.75
6	Keonjhar (WL)	6	15	0.15	2.25
7	Mahanadi(WL)	1	15	0.15	2.25
8	Mangrove (WL)	3	15	0.15	2.25
9	Satkosia (WL)	10	100	0.15	15.00
10	Similipal North	11	90	0.15	13.50
11	Similipal South	26	400	0.15	60.00
Total:-			**750**	**0.15**	**112.50**

Site wise details of Creation and development of Meadow is given in **Annexure III-LV**

Unit cost for Meadow Maintenance

Sl. No.	**Desciptions**	**Amount (In Rupees)**
1	Procurement of palatable brousing/grazing meterial	7500
2	Land based activities regarding creation and maintenance of meadows	3000
3	Other associated activities for maintenance	2500
4	Procurement of equipments, documentation and for other logistics	2000
Total:-		**15000**

3 (viii) Bamboo seedball/rhizome plantation and aerial broadcasting of seeds to enrich elephant fodder availability. (Unit cost LS)

SL. No.	Name of the Division	Location	Unit (In No)	Unit Cost (Rs. in lakh)	Amount (Rs. In lakh)
1	Satkosia WL	Raigoda RF	2000	0.00015	0.30
		Tuluka RF	2000	0.00015	0.30
		Purunakote RF	1000	0.00015	0.15
		Baghamunda RF	1000	0.00015	0.15
		Tainsi RF	2000	0.00015	0.30
		Kuru RF	1000	0.00015	0.15
		Tikarpada RF	1000	0.00015	0.15
		Majhipada RF	1000	0.00015	0.15
		Katrang RF	1000	0.00015	0.15
		Jocub RF	2000	0.00015	0.30
2	Keonjhar WL	Anandapur, Hadagarh, Deogoan & Brahmanipal	2000	0.001	2.00
3	Nayagarh	Adjacent to Baisipalli Sanctury area	2000	0.0002	0.40
	With Headquarter	To be allotted to the divisions basing on requirement basing working Plan/ Management Plan			45.50
				Total:-	**50.00**

Site wise details of Bamboo seedball/rhizome plantation and aerial broadcasting of seeds is given in **Annexure III-LVII**

3 (ix) Invasive weed eradication (Unit Cost @ 0.10 lakh)

SL. No.	Name of the Division	Location	Unit (In Ha.)	Unit Cost (Rs. in lakh)	Funds allotted (Rs. In lakh)
1	Angul	3	15	0.10	1.50
2	Athmallik	7	25	0.10	2.50
3	Balliguda	8	60	0.10	6.00
4	Bamra (WL)	10	49	0.10	4.90
5	Berhampur	3	25	0.10	2.50
6	Bolangiri	10	46	0.10	4.60
7	Boudh	2	15	0.10	1.50
8	Chandaka (WL)	12	51	0.10	5.10
9	Hirakud (WL)	8	36	0.10	3.60
10	Kalahandi North	2	15	0.10	1.50
11	Kalahandi South	5	25	0.10	2.50
12	Karanjia	6	16	0.10	1.60
13	Khariar	5	14	0.10	1.40
14	Koraput	1	15	0.10	1.50
15	Mahanadi (WL)	9	40	0.10	4.00
16	Malkangiri	10	55	0.10	5.50
17	Mangrove (WL)	12	45	0.10	4.50
18	NKZP	1	5	0.10	0.50
19	Parlakhemundi	9	33	0.10	3.30
20	Puri (WL)	7	22	0.10	2.20
21	Rairangpur	5	16	0.10	1.60
22	Rourkela	6	20	0.10	2.00
23	Satkosia (WL)	6	36	0.10	3.60
24	Similipal North	15	53	0.10	5.30
25	Similipal South	3	200	0.10	20.00
26	Subarnapur	4	12	0.10	1.20
27	Sunabeda (WL)	12	56	0.10	5.60
		Total:-	**1000**	**0.10**	**100.00**

Site wise details of Invasive weed eradication is given in **Annexure III-LVI**

Unit cost for Invasive Weed Eradication Per Ha.

Sl. No.	Desciptions	Amount (In Rupees)
1	Land based activities for uprooting of Invasive Weeds @ 20 MD/- per Ha. With current wage rate of Rs.333/- per one unskilled MD.	6660
2	Procurement of equipments, documentation and for other logistics	3000
3	Miscellaneous expenses	340
	Total:-	**10000**

3 (x) Creation of ficus plantation with 18 months old seedlings

SL. No.	Name of the Division	Unit (In No./Ha.)	Unit Cost (Rs. in lakh)	Amount (Rs. In lakh)
1	Whole State	1.20	100	120.00
Total: -		**1.20**	**100**	**120.00**

3 (xi) Bamboo clump improvement through appropriate silvicuture operation @ 10 mandays/ ha and treatment of 50 clumps/ha

SL. No.	Name of the Division	Unit (In No./Ha.) (8 MD/per Ha.)	Unit Cost (Rs. in lakh)	Amount (Rs. In lakh)
1	Whole State	0.02664	5000	133.20
	Total:-	**0.02664**	**5000**	**133.20**

3 (xii) Creation and Maintenance of Salt licks (Unit Cost @ Rs.0.50 lakh) (Rs. in lakh)

SL. No.	Name of the Division	No of Locations	KM	Unit Cost (Rs. In lakh)	Amount (Rs. In lakh)
1	Angul	4	4	0.50	2.00
2	Athmallik	1	1	0.50	0.50
3	Balasore WL	5	5	0.50	2.50
4	Balliguda	4	4	0.50	2.00
5	Bamra WL	5	5	0.50	2.50
6	Berhampur	2	2	0.50	1.00
7	Boudh	2	2	0.50	1.00
8	Chandaka WL	5	5	0.50	2.50
9	Cuttack	2	2	0.50	1.00
10	Ghumsur North	4	4	0.50	2.00
11	Ghumsur South	3	3	0.50	1.50
12	Hirakud WL	5	5	0.50	2.50
13	Kalahandi (S)	3	3	0.50	1.50
14	Keonjhar WL	8	8	0.50	4.00
15	Khariar	4	4	0.50	2.00
16	Khordha	2	2	0.50	1.00
17	Mahanadi WL	6	6	0.50	3.00
18	Malkangiri	2	2	0.50	1.00
19	Nayagarh	4	4	0.50	2.00
20	Parlakhemundi	5	5	0.50	2.50
21	Puri WL	1	1	0.50	0.50
22	Satkosia WL	6	6	0.50	3.00
23	Similipal (North)	4	4	0.50	2.00
24	Similipal (South)	8	8	0.50	4.00
25	Sunabeda WL	5	5	0.50	2.50
	Total:-		**100**	**0.50**	**50.00**

Site wise details of Creation and maintenanc eof is given in **Annexure III-LVIII**

3 (xiii) Water Harvesting Structure (unit cost @ Rs.10.50 lakh each)

SL. No.	Name of the Division	No of Locationa	Total Km	Unit Cost (Rs. in lakh)	Amount (Rs. In lakh)
1	Angul	2	2	10.50	21.00
2	Athgarh	1	1	10.50	10.50
3	Athmallik	1	1	10.50	10.50
4	Balliguda	3	3	10.50	31.50
5	Bamra WL	2	2	10.50	21.00
6	Berhampur	2	2	10.50	21.00
7	Bolangiri	2	2	10.50	21.00
8	Bonai	1	1	10.50	10.50
9	Boudh	3	3	10.50	31.50
10	Chandaka (WL)	1	1	10.50	10.50
11	Cuttack	1	1	10.50	10.50
12	Gumsur South	1	1	10.50	10.50
13	Hirakud WL	1	1	10.50	10.50
14	Kalahandi North	1	1	10.50	10.50
15	Kalahandi South	3	3	10.50	31.50
16	Karanjia	2	2	10.50	21.00
17	Khariar	2	2	10.50	21.00
18	Mahanadi WL	1	1	10.50	10.50
19	Malkangir	3	3	10.50	31.50
20	Nawarangpur	2	2	10.50	21.00
21	Parlakhemundi	2	2	10.50	21.00
22	Rairakhol	2	2	10.50	21.00
23	Rourkela	2	2	10.50	21.00
24	Satkosia WL	1	1	10.50	10.50
25	Similipal North	1	1	10.50	10.50
26	Similipal South	2	2	10.50	21.00
27	Subarnapur	1	1	10.50	10.50
28	Sunabeda (WL)	3	3	10.50	31.50
29	Sundargarh	1	1	10.50	10.50
Total:-			**50**	**10.50**	**525.00**

Site wise details of Water Harvesting Structure is given in **Annexure III-LIX**

3 (xiv) Black Bluck Conservation (Unit Cost @ LS)

SL. No.	Name of the Division	Location	Unit (In Nos.)	Unit Cost (Rs. in lakh)	Amount (Rs. In lakh)
1	Berhampur	Khalikote	1	10.00	10.00
		Digahandi	1	10.00	10.00
2	Ghumsur North	Jagannathprasad	1	10.00	10.00
3	Ghumsur South	Buguda	1	10.00	10.00
		Polasara	1	10.00	10.00
		Aska	1	10.00	10.00
Total:-			**6**	**10.00**	**60.00**

3 (xv) Conservation of wet land management of migratory bird congrigation areas outside PAs (unit cost @ LS)

SL. No.	Name of the Division	Unit (In Km.)	Unit Cost (Rs. in lakh)	Allotted (Rs. In lakh)
1	Whole State	LS	LS	140.00
Total:-		**LS**	**LS**	**140.00**

3 (xvi) Protection, Assessment and Monitoring of RET species and their habitat within and outside protected areas through community participation (Unit cost @21.86 Lakhs per Squad)

SL. No.	Name of the Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed amount (Rs.in lakh)
1	Balasore WL	6	6	21.86	131.16
2	Balliguda	4	4	21.86	43.72
3	Bamra WL	6	6	21.86	131.16
4	Bhadrak WL	2	2	21.86	43.72
5	Chandaka WL	5	5	21.86	109.30
6	Chilika Wildlife Division	2	2	21.86	43.72
7	DD, NZP	1	1	21.86	21.86
8	Dhenkanal	8	8	21.86	174.88
9	Hirakud WL	4	4	21.86	87.44
10	Kalahandi South	3	3	21.86	65.58
11	Keonjhar (WL)	4	4	21.86	87.44
12	Mahanadi WL	4	5	21.86	109.30
13	Mangrove Forest Division(WL)Rajnagar	6	6	21.86	131.16
14	Parlakhemundi	3	3	21.86	43.72
15	Puri WL	4	4	21.86	87.44
16	Satkosia Wildlife Division	8	8	21.86	174.88
17	Similipal (North)	7	7	21.86	153.02
18	Similipal (South)	6	6	21.86	131.16
19	Sunabeda WL	3	3	21.86	43.72
Total:-			**87**	**21.86**	**1901.82**
WL Head Qtr.:-			**3**	**21.86**	**65.58**
Grand Total:-			**90**	**21.86**	**1967.40**

Site wise details of Protection, Assessment and Monitoring of RET species and their habitat within and outside protected areas through community participation is given in **Annexure III-LX**

3 (xvii) Wildlife Health Management including Cattle vaccination/ awareness and over 400 Nos. of animal health camps (Unit Cost @ Rs.0.50 lakh)

SL. No.	Name of the Division	Unit (In Km.)	Unit Cost (Rs. in lakh)	Amount (Rs. In lakh)
1	Angul	12	0.50	6.00
2	Dhenkanal	10	0.50	5.00
3	Satkosia WL	16	0.50	8.00
4	Mahanadi WL	15	0.50	7.50
5	Cuttack	10	0.50	5.00
6	Athmallik	15	0.50	7.50
7	Balasore WL	15	0.50	7.50

8	Rairangpur	12	0.50	6.00
9	Karanjia	12	0.50	6.00
10	Baripada	12	0.50	6.00
11	Keonjhar (WL)	15	0.50	7.50
12	Similipal South	5	0.50	2.50
13	Similipal North	15	0.50	7.50
14	Ghumsur North	10	0.50	5.00
15	Ghumsur South	10	0.50	5.00
16	Parlakhemundi	10	0.50	5.00
17	Balliguda	15	0.50	7.50
18	Bolangir	10	0.50	5.00
19	Kalahandi (S)	10	0.50	5.00
20	Khariar	10	0.50	5.00
21	Sunabeda WL	16	0.50	8.00
22	Puri WL	10	0.50	5.00
23	Chilika WL	15	0.50	7.50
24	Mangrove WL	15	0.50	7.50
25	Chandaka WL	15	0.50	7.50
26	Nayagarh	10	0.50	5.00
27	Nawarangpur	10	0.50	5.00
28	Sambalpur	10	0.50	5.00
29	Rairakhol	10	0.50	5.00
30	Bamra WL	15	0.50	7.50
31	Bargarh	10	0.50	5.00
32	Hirakud WL	15	0.50	7.50
33	Dy. Dir, NKZP	10	0.50	5.00
Total:-		**400**	**0.50**	**200.00**

4. Establishment, Operation and Maintenance of animal rescue centre and veterinary treatment facilities for Wild animals:



There are eight large, mini and small zoos managed by Forest Department which are also functioning as **Animal Rescue Centres**. 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.800.00 lakh** is proposed for this purpose.

Rescue Centres, transit house and treatment centres are a need of the hour to provide Veterinary and diagnostic care on post Rescue operation and life saving to rescued wild fauna & for making them fit for release in the wild. Apart from that, advanced post-mortem and forensic capability has been established in Nandankanan Zoo. In this APO a provision of **Rs. 300.00 lakh** has been made which will be utilized for setting up such centres and procurement of necessary equipment/ instruments/ medicines etc.

Sl. No.	Item of work	Unit	Unit cost (Rs. in lakh)	Quantity/ Unit (in No.)	Proposed amount (Rs. in lakh)
(i)	Maintenance of Nandankanan & Other Zoos.	No.	LS	1	800.00
(ii)	Establishment of Rescue Centre and Veterinary treatment facilities and maintenance	No.	LS	16	300.00
	Total:				**1100.00**

The Divisionwise details are given below

4 (i) Maintenance of Nandankanan & Other Zoos (unit cost @ LS)

SL. No.	Name of the Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Allotted (Rs. In lakh)
1	Dhenkanal	Kapilash	1	LS	70.00
2	Satkosia WL	Satkosia	1	LS	30.00
3	Mahanadi WL	Kuanria	1	LS	25.00
4	Parlakhemundi	Taptapani	1	LS	25.00
5	Bolangir	Harishankar Deer Park	1	LS	40.00
6	Nawarangpur	Papadahandi Mini Zoo	1	LS	60.00
7	Hirakud WL	WACC, SBP	1	LS	50.00
8	Nandankanan	Nkzp	1	LS	100.00
		Total: -	**8**	**LS**	**400.00**
		WL Head quarter: -	**LS**	**LS**	**400.00**
		Grand Total: -	**LS**	**LS**	**800.00**

4 (ii) Establshment of and Vetirinary treatment facilities and maintenance (unit cost @ LS)

SL. No.	Name of the Division	Unit (In Km.)	Unit Cost (Rs. in lakh)	Allotted (Rs. In lakh)
1	Whole State	LS	LS	300.00
	Total:-	**LS**	**LS**	**300.00**

5. Management of Biological Diversity and Biological Resources:

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 areas and also over the 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 1972.40 lakh** have been proposed for the purpose.

The following are the proposals.

5-Management of biological diversity and biological resources(Rs. in lakh)

Sl. No.	Item of work	Unit	Unit cost	Quantity/	Proposed amount
(i)	Biodiversity assessment of Protected Areas.	No.	1.00	5	5.00
(ii)	Monitoring, surveillance and protection of meta population of important wildlife species including RET species outside protected areas through local communities.	In Nos.	21.86	90	1967.40
	Total:				**1972.40**

The Division wise details is given below

5 (i) Biodiversity Assessment of the Protected Areas (Unit cost @ 1.00 lakh)				
SL. No.	**Name of the Division**	**Unit (In Nos.)**	**Unit Cost (Rs. in lakh)**	**Funds allotted (Rs. In lakh)**
1	Whole State	5	1.00	5.00
Total:-		**5**	**1.00**	**5.00**

5 (ii) Monitoring, surveilance and Protection of meta population of important wildlife species including RET species outside protected areas through local communities. (Unit cost @ Rs.21.86 lakh per Squad)

SL. No.	Name of the Division	No of Locations	No of units	Unit Cost (Rs. in lakh)	Amount (Rs.in lakh)
1	Angul	4	4	21.86	87.44
2	Athagarh	5	5	21.86	109.3
3	Athmallik	3	3	21.86	65.58
4	Bargarh	2	2	21.86	43.72
5	Baripada	2	2	21.86	43.72
6	Berhampur	6	6	21.86	131.16
7	Bolangir	2	2	21.86	43.72
8	Bonai	2	2	21.86	43.72
9	Boudh	3	3	21.86	65.58
10	City Forest	3	3	21.86	65.58
11	Cuttack	1	1	21.86	21.86
12	Deogarh	1	1	21.86	21.86
13	Ghumsur North	3	3	21.86	65.58
14	Ghumsur South	3	3	21.86	65.58
15	Jeypore	4	4	21.86	87.44
16	Jharsuguda	2	2	21.86	43.72
17	Kalahandi North	2	2	21.86	43.72
18	Karanjia	2	2	21.86	43.72
19	Keonjhar (T)	3	3	21.86	65.58
20	Khariar	2	2	21.86	43.72
21	Khordha	3	3	21.86	65.58
22	Koraput	2	2	21.86	43.72
23	Malkangiri	2	2	21.86	43.72
24	Nawarangpur	3	3	21.86	65.58
25	Nayagarh	3	3	21.86	65.58
26	Phulbani	2	2	21.86	43.72
27	Rairakhol	3	3	21.86	65.58
28	Rairangpur	1	1	21.86	21.86
29	Rayagada	3	3	21.86	65.58
30	Rourkela	4	4	21.86	87.44
31	Sambalpur	2	2	21.86	43.72
32	Subarnapur	3	3	21.86	65.58
33	Sundargarh	4	4	21.86	87.44
Total:-			**90**	**21.86**	**1967.40**

Site wise details of Monitoring, surveilance and Protection of meta population of important wildlife species including RET species outside protected areas through local communities is given in **Annexure III-LXI**

6. Voluntary Relocation of Villages from Protected Areas and Tiger Reserve:



Relocation of villages from protected areas and tiger reserves was initiated 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 area for wildlife 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.

Recently there has been a modification in the relocation policy of both Central and State Governments increasing the relocation package from 10 lakh per family to 15 lakh per family. State Government relocation policy has radically changed the scope whereby as per the modified policy, individual family can also voluntariy relocate themselves @ Rs.20.00 lakh/per family (without any other convergence related facility) and need not wait for the consent of the entire village. When the relocation package of 15 lakh per family is offered, other facilities are also extended by way of convergence and only in case the family does not want the benefit of the convergence, then the additional amount of 5 lakh as refered above will be provided.

The applicability of the current state relocation policy also extends to those villages which are situated in contiguous landscape that link protected areas.

In this APO 2023-24, a provision of **Rs.5000.00 lakh** has been 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.

The name of villages in Protected Areas /Tiger Reserves and number of families to be relocated

SL. No.	Name of PAs/TRs	Name of the Village	Name of the Division	No. of Household Relocated
1	Similipal Tiger Reserve	Khejuri	Similipal North	101
		Badakasira		174
		Bakua	Similipal South	4
2	Sunabeda (WL) Sanctuary	Upakapani	Sunabeda (WL)	50
		Gadgada		45
		Chandrasil		2
		Badijhola		11
		Thalipani		19
		Koked		31
		Sunabeda		25

		Dhenkunpani		80
		Gatibeda		150
3	Satkosia Tiger Reserve	Asanbahal	Satkosia (WL)	88
		Tuluka		230
		Chhotkei		200
4	Kotagarh (WL) Sanctuary	Pipadi	Balliguda	3
5	Chandaka (WL) Sanctuary	Nuakua	Chandaka (WL)	22
6	Kapilash (WL) Sanctuary	Kolha	Dhenkanal	75
7	Hadagarh (WL) Sanctuary	Pitanau, Junaposi & Ratanmara	Keonjhar (WL)	82
8	Karlapat (WL) Sanctuary	Tentulipada	Kalahandi South	11
		Betkot		14
		Semalpadar		76
		Mundguda		14
		Herlguda		9
		Hardaguda		9
		Rupangpadar		9
		Gurpang		14
		Ruknibandel		9

N.B:- (Execution of the proposals received would largely depend on the field conditions wherein addition or deletion of villages proposed might occur. Modifications of household details of villages furnished herewith may get altered while conducting family survey.)

ACTIVITIES UDNER 20% COMPONETNS OF NPV

1. Capacity building of Forest Staff & Other Stakeholder



The demand for downstream services such as environmental education, health services, recreation and tourism based on forest is rising significantly. A large and growing body of evidence shows that a skilled and enabled workforce is needed to meet the crisis. Hence capacity building training programme is essential to adopt the growing role of environmental goods and services.

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 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.

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.

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 2023-24 for Capacity Building of frontline forest Staff and other stake holders with financial outlay of **Rs 200.00 Lakh.** has been proposed

2. Improvement of Permanent Nursery

To create green belt by planting of 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 2023-24 for Improvement of Permanent Nursery including creation of Vermi-compost unit of **600 nos.** with financial outlay of **Rs 500.00 Lakh.** has been proposed and the division wise details are given in the follwing table





Division wise details of permanent Nurseries

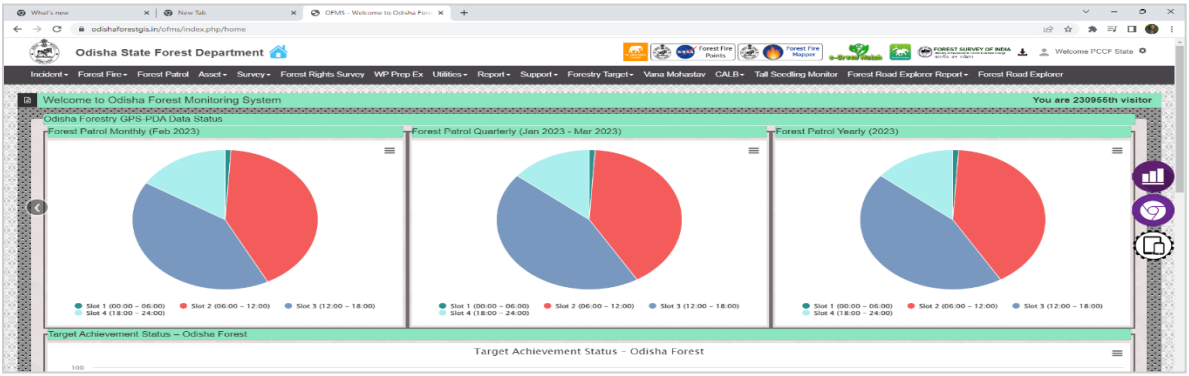
Sl	Name of Circle	Name of Division	Number of Permanent Nursery	Outlay Rs in Lakhs
1	**Angul Circle**	Angul	16	13.33
2		Athgarh	16	13.33
3		Athmallik	16	13.33
4		Dhenkanal	16	13.33
5	**Baripada Circle**	Baripada	16	13.33
6		Karanjia	16	13.33
7		Balasore WL	16	13.33
8		Rairangpur	16	13.33
9	**Berhampur Circle**	Balliguda	16	13.33
10		Berhampur	16	13.33
11		Boudh	16	13.33
12		Gh.North	16	13.33
13		Gh.South	16	13.33
14		Parlakhemundi	16	13.33
15		Phulbani	16	13.33
16	**Sambalpur Circle**	Bargarh	16	13.33
17		Jharsuguda	16	13.33
18		Rairakhol	16	13.33
19		Sambalpur	16	13.33
20	**Bhubaneswar Circle**	Khurda	16	13.33
21		Puri WL	16	13.33
22		Nayagarh	16	13.33
23	**Bhawanipatna Circle**	Bolangir	16	13.33
24		Kalahandi (S)	16	13.33
25		Kalahandi(N)	16	13.33
26		Khariar	16	13.33
27		Subarnapur	16	13.33

28	**Rourkela Circle**	Bonai	16	13.33
29		Deogarh	16	13.33
30		Keonjhar	16	13.33
31		Rourkela	16	13.33
32		Sundargarh	16	13.33
33	**Koraput Circle**	Jeypore	16	13.33
34		Koraput	16	13.33
35		Malkangiri	16	13.33
36		Nowrangpur	16	13.33
37		Rayagada	16	13.33
38		Silva Rayagada	8	6.67
		Total	**600**	**500.00**

3. 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 1,00,000 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.

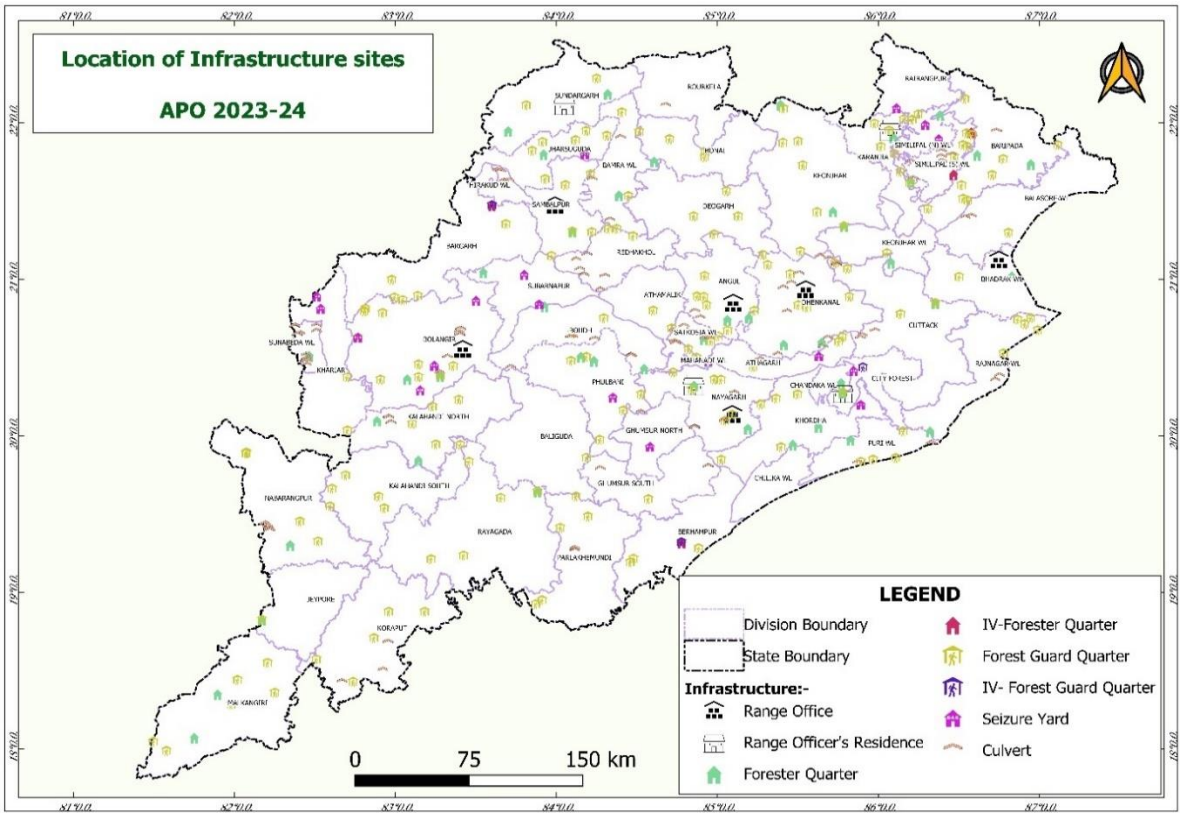
In this APO 2023-24 for Up-gradation of Communication and information Technology, Geo-ICT facility-based Server infrastructure, maintenance and procurement of IT Equipment and devices with financial outlay of **Rs 800.00 Lakh.** has been proposed and the activity details are given in the following table



Activity wise details of Up-gradation of Communication and information Technology

Sl..	Item of work	Financial Outlay (Rs in Lakhs)
1	Strengthening & Maintenance of Odisha Forest Monitoring System & Odisha Timber Transit Permit System	200
2	Upgradation of Server Network & all IT infrastructure of Forest Head Quarters including Procurement, Operation & its maintenance	300
3	Strengthening of Forest Divisions by establishing Multi-protocol Label Switching connectivity with Regional Offices & Forest Head quarters	300
	Total	**800**

4. Infrastructure Development



In the modern digital age, considering the rapid change of society, the forest staffs are having poor accommodation and connectivity facility to cope up with the scenario. Most of the forest staff live in the interior area of the State, far away from the district and Block Hqrs. They are also required to stay in their head-quarters 24 hours for forestry works. Availability of rented accommodation is also almost non-existent in such area. As residential quarters are insufficient and sometimes very old and un-inhabitable, development of new residential staff colonies is very much essential. Requirement of residential quarters is of crucial importance for this Departmental front field staff i.e., Forest Range Officers, Foresters and Beat Guards in such interior areas. They are entitled for rent free accommodation. Further, provision of such buildings will enable the staff to stay close to places of their duty, which will improve their performance and contribute to the effective implementation of works assigned to them. In addition to the above, for connectivity purposes maintenance of forest road, culvert and seizure yard to keep the forest produces in safe custody is barely necessary. Hence, for above it was considered for inclusion in CAMPA APO 2023-24.

a. Maintenance of Forest Road



In this APO 2023-24 for Maintenance of Forest Road of **1147 Km** with financial outlay of **Rs 791.43 Lakhs** has been proposed and the division wise details are given in the **Table 4 & Annexure III-LXII**

b. 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 **134 nos.** of units of culvert provision has been made in APO 2023-24 a total financial outlay of **Rs 205.02 Lakhs.** Detail in the **Table 4 & Annexure III-LXIII**

c. Range Office Buildings

In this APO, proposals have been given for construction of **06** new Range offices in different Divisions. Financial outlay of **Rs 189.90 Lakhs** has been made in APO 2023-24 and details in the **Table 4 & Annexure III-LXIV**



d. Range Officer's Residence Buildings



In this APO 2023-24, the forest Range officer's residence for **04 nos.** with total financial outlay of **Rs 98.08 Lakhs.** The details are given the ***Table 4*** and location details in **Annexure III-LXV**

e. Forester Quarters Buildings

In this APO 2023-24, provision for establishment of **50** nos. of Forester qtrs. plus **06** nos. of Forester qtrs. for internal vigilance with total financial outlay of **Rs 1141.78 Lakhs** .The division wise details are given in the **Table 4** and location details in **Annexure III-LXVI**



f. Forest Guard Quarters Buildings



In this APO 2023-24, provision for establishment of **180** nos. of Forest Guard qtrs. plus **06** nos. of Forester Guard qtrs. for internal vigilanc with total financial outlay of **Rs 3029.94 Lakhs.** The division wise details are given in the **Table 4** and location details in **Annexure III-LXVII**

g. Seizure Yard

Huge quantity of seized forest produce 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 2023-24. Total **20 nos.** of seizure yard in different Divisions with financial outlay of **Rs 240 Lakhs** and details in the **Table 4** and location details in **Annexure III-LXVIII**





Table 4 - Divisional wise Physical Target andFinancial Target of Infrastructure Devlopmentunder CAMPA APO 2023-24

Circle	Division	Infrastructure Devlopment																		
		Range Office @ Rs.31.65 lakhs/each		Range Officer's Res @ Rs.24.521 lakhs/each		Forester Qrs @ Rs.20.389 lakhs/ each		IV - Forester Qrs @ Rs.20.389 lakhs/ each		Forest Guard Qrs @ Rs.16.29 lakhs/each		IV-Forest Guard Qrs @ Rs.16.29 lakhs/ each		Seizure Yard @ Rs.12.00 lakhs/each		Maintenance of Forest Road @ Rs.0.69 lakhs/RKM		Culvert @ Rs.1.53 lakhs/each		Total
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Fin
Angul	Angul		-		-	2	40.78		-	6	97.74		-		-	18.5	12.77	2	3.06	**154.34**
	Athmallik		-		-		-		-	2	32.58		-		-	100.0	69.00		-	**101.58**
	Satkosia WL		-		-	1	20.39		-	2	32.58		-		-		-	3	4.59	**57.56**
	Dhenkanal	1	31.65		-	2	40.78		-	6	97.74		-	1	12.00	80.0	55.20	9	13.77	**251.14**
	Athgarh		-		-		-		-	3	48.87		-	1	12.00	38.0	26.22	1	1.53	**88.62**
	Cuttack		-		-	1	20.39		-	4	65.16		-		-	5.0	3.45	6	9.18	**98.18**
	Mahanadi WL		-		-	1	20.39		-	4	65.16		-	1	12.00	0.0	-	1	1.53	**99.08**
	Total-	**1**	**31.65**	**0**	**-**	**7**	**142.72**	**-**	**-**	**27**	**439.83**	**-**	**-**	**3**	**36.00**	**241.50**	**166.64**	**22**	**33.66**	**850.50**
BBSR	Khurda		-		-	2	40.78		-	5	81.45		-	1	12.00		-		-	**134.23**
	Puri WL		-		-	2	40.78		-	4	65.16		-		-		-	2	3.06	**109.00**
	Rajnagar WL		-		-		-		-	5	81.45		-		-	0.0	-	2	3.06	**84.51**
	Nayagarh	1	31.65	1	24.52	2	40.78		-	5	81.45		-	1	12.00	80.0	55.20	8	12.24	**257.84**
	Chilika WL		-		-	1	20.39		-		-		-		-		-		-	**20.39**
	ChandakaWL		-		-	1	20.39		-		-		-		-		-		-	**20.39**
	City Forests		-		-		-	2	40.78	1	16.29	2	32.58		-		-		-	**89.65**
	BhadrakhWL	1	31.65		-	1	20.39		-	1	16.29		-		-		-		-	**68.33**
	Total-	**2**	**63.30**	**1**	**24.52**	**9**	**183.50**	**2**	**40.78**	**21**	**342.09**	**2**	**32.58**	**2**	**24.00**	**80.0**	**55.20**	**12**	**18.36**	**784.33**
Berhampur	Phulbani		-		-	2	40.78		-	4	65.16		-	1	12.00	25.0	17.25	1	1.53	**136.72**
	Baliguda	0	-	0	-	0	-		-	2	32.58		-	0	-	25.0	17.25	0	-	**49.83**
	Boudh	0	-	0	-	2	40.78		-	2	32.58		-	0	-	38.0	26.22	18	27.54	**127.12**
	Gh.South	0	-	0	-	0	-		-	3	48.87		-	0	-	20.0	13.80	4	6.12	**68.79**
	Gh.North		-		-		-		-	4	65.16		-	1	12.00	20.0	13.80	2	3.06	**94.02**
	Berhampur	0	-	0	-	0	-	2	40.78	4	65.16	2	32.58	0	-	3.0	2.07	0	-	**140.59**
	Parlakhemundi	0	-	0	-	0	-		-	4	65.16		-	0	-	10.0	6.90	5	7.65	**79.71**
	Total-	**0**	**-**	**0**	**-**	**4**	**81.56**	**2**	**40.78**	**23**	**374.67**	**2**	**32.58**	**2**	**24.00**	**141.0**	**97.29**	**30**	**45.90**	**696.77**
Sambalpur	Jharsuguda		-		-	1	20.39		-	4	65.16		-	1	12.00		-		-	**97.55**
	Sambalpur		-		-	2	40.78	2	40.78	4	65.16	2	32.58	1	12.00	15.0	10.35		-	**201.65**
	Rairakhol	0	-	-	-	0	-		-	0	-		-	0	-	40.0	27.60	9	13.77	**41.37**
	Bargarh	0	-	-	-	0	-		-	5	81.45		-	0	-	0.0	-	0	-	**81.45**
	Bamara WL	0	-	-	-	2	40.78		-	4	65.16		-	0	-	30.0	20.70	3	4.59	**131.23**
	Hirakhud WL	0	-	-	-	0	-		-	0	-		-	0	-	10.0	6.90	7	10.71	**17.61**
	Total-	**0**	**-**	**0**	**-**	**5**	**101.95**	**2**	**40.78**	**17**	**276.93**	**2**	**32.58**	**2**	**24.00**	**95.0**	**65.55**	**19**	**29.07**	**570.85**

Rourkela	Sundargarh		-	1.00	24.52	1	20.39		-	3	48.87		-		-		-		-	**93.78**
	Rourkela		-		-		-		-		-		-		-		-	1	1.53	**1.53**
	Bonai		-		-		-		-	3	48.87		-		-	20.0	13.80		-	**62.67**
	Deogarh		-		-		-		-	4	65.16		-		-	25.0	17.25		-	**82.41**
	Keonjhar		-		-	2	40.78		-	6	97.74		-		-		-		-	**138.52**
	Total-	**0**	**-**	**1**	**24.52**	**3**	**61.17**	**-**	**-**	**16**	**260.64**	**0**	**-**	**0**	**-**	**45.0**	**31.05**	**1**	**1.53**	**378.91**
Baripada	Baripada	0	-	0	-	2	40.78		-	7	114.03		-	0	-	10.0	6.90	0	-	**161.71**
	Karanjia		-		-	2	40.78		-	3	48.87		-		-		-	3	4.59	**94.24**
	Rairangpur		-		-		-		-		-		-	1	12.00		-		-	**12.00**
	Balasore WL		-		-		-		-	2	32.58		-		-	6.0	4.14	2	3.06	**39.78**
	Similipal (N)		-	1	24.52	2	40.78		-	6	97.74		-	2	24.00	100.0	69.00		-	**256.04**
	Similipal (S)		-		-	2	40.78		-	5	81.45		-		-	100.0	69.00	8	12.24	**203.47**
	Keonjhar WL		-		-	1	20.39		-	2	32.58		-		-	10.0	6.90		-	**59.87**
	Total-	**0**	**-**	**1**	**24.52**	**9**	**183.50**	**-**	**-**	**25**	**407.25**	**0**	**-**	**3**	**36.00**	**226.0**	**155.94**	**13**	**19.89**	**827.10**
Bhawanipatna	Kalahandi(N)	0	-	-	-	2	40.78		-	3	48.87		-	0	-	18.5	12.77	3	4.59	**107.00**
	Kalahandi (S)	0	-	-	-	0	-		-	6	97.74		-	0	-	20.0	13.80	0	-	**111.54**
	Subarnapur		-		-	1	20.39		-		-		-	2	24.00	18.0	12.42		-	**56.81**
	Bolangir	1	31.65		-	2	40.78		-	9	146.61		-	4	48.00	83.0	57.27	6	9.18	**333.49**
	Khariar		-		-		-		-	2	32.58		-	2	24.00	100.0	69.00		-	**125.58**
	SunabedaWL		-		-	1	20.39		-		-		-		-	20.0	13.80	15	22.95	**57.14**
	Total-	**1**	**31.65**	**0**	**-**	**6**	**122.33**	**-**	**-**	**2-**	**325.80**	**-**	**-**	**8**	**96.00**	**259.5**	**179.06**	**24**	**36.72**	**791.56**
Koraput	Rayagada		-		-	1	20.39		-	6	97.74		-		-	9.0	6.21		-	**124.34**
	Koraput		-		-		-		-	5	81.45		-		-	25.0	17.25	7	10.71	**109.41**
	Jeypore		-		-	1	20.39		-	1	16.29		-		-		-		-	**36.68**
	Nowrangpur		-		-	1	20.39		-	7	114.03		-		-		-	5	7.65	**142.07**
	Malkangiri		-		-	2	40.78		-	6	97.74		-		-		-		-	**138.52**
	Total-	**0**	**-**	**0**	**-**	**5**	**101.95**	**-**	**-**	**25**	**407.25**	**0**	**-**	**0**	**-**	**34.0**	**23.46**	**12**	**18.36**	**551.02**
	Silva BBSR	2	63	1	25	2	41		0	5	81.45		0		0	5.0	3		0	**213.50**
	Silva Rayagada		0		0		0		0	1	16.29		0		0	20.0	14	1	2	**31.62**
	Total-	**2**	**63**	**1**	**25**	**2**	**41**	**0**	**0**	**6**	**98**	**0**	**0**	**0**	**0**	**25.0**	**17**	**1**	**2**	**245**
	GrandTotal-	**6**	**189.90**	**4**	**98.08**	**50**	**1019.45**	**6**	**122.33**	**180**	**2932.20**	**6**	**97.74**	**20**	**24**	**1147**	**791.43**	**134**	**205.02**	**5696.16**

5. Casual Engagement of Local people 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 is susceptible to the forest smugllers, poachers, enchroachers, fire hazards and all other biotic interference. Due to the above activities, the forest cover is under threat. Hence, forest protection is vital to conserve the forest management and prevention & control of destruction of forests. 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 given top priority under CAMPA. In APO 2023-24, 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 Financial outlay of **Rs 3807.24 Lakh** has been proposed in APO 2023-24. The division wise details are given in the **Table14**

Table 5: Casual Engagement of Local people to assist regular staff of state forestin in Forest Protection squad (10 person /sqd) @ Rs.16.77198 Lakhs per Sqad. (Rs 16.19198 Lakhs/Sqd +Rs.0.58 lakhs (contigent)/sqd)

Division	Divn	Circle	Total	Finance
	Phy	Phy	Phy	
Angul	3	1	4	67.09
Athmallik	4		4	67.09
Dhenkanal	5		5	83.86
Athagarh	4		4	67.09
Cuttack	7		7	117.40
TOTAL	**23**	**1**	**24**	**402.53**
Khurda	6		6	100.63
Nayagarh	8		8	134.18
City Forests	3	1	4	67.09
TOTAL	**17**	**1**	**18**	**301.90**
Phulbani	6		6	100.63
Baliguda	6		6	100.63
Boudh	4		4	67.09
Gh.South	7		7	117.40
Gh.North	6		6	100.63
Berhampur	7	1	8	134.18

Parlakhemundi	7		7	117.40
TOTAL	**43**	**1**	**44**	**737.96712**
Jharsuguda	3		3	50.32
Sambalpur	6	1	7	117.40
Rairakhol	6		6	100.63
Bargarh	3		3	50.32
TOTAL	**18**	**1**	**19**	**318.67**
Sundargarh	7		7	117.40
Rourkela	6	1	7	117.40
Bonai	8		8	134.18
Deogarh	7		7	117.40
Keonjhar	9		9	150.95
TOTAL	**37**	**1**	**38**	**637.34**
Baripada	7	1	8	134.18
Karanjia	6		6	100.63
Rairangpur	6		6	100.63
TOTAL	**19**	**1**	**20**	**335.44**
Kalahandi (N)	6	1	7	117.40
Kalahandi (S)	7		7	117.40
Subarnapur	6		6	100.63
Bolangir	7		7	117.40
Khariar	6		6	100.63
TOTAL	**32**	**1**	**33**	**553.48**
Rayagada	6		6	100.63
Koraput	5	1	6	100.63
Jeypore	7		7	117.40
Nabarangpur	6		6	100.63
Malkangiri	6		6	100.63
TOTAL	**30**	**1**	**31**	**519.93**
Total	**219**	**8**	**227**	**3807.24**

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

The compensatory afforestation activities are the first mandate of CAMPA programme.. Search of suitable non –forest land for raising compensatory afforestation leads delay in processing diversion proposals. The land bank concept brought in to process to ease out for searching diverted land for diversion proposal. The State Government decided to create Land Bank comprising non-forest Govt land and degraded revenue forest land for compensatory afforestation. The user agency can avail facility for allotment of land for CA by the District Collector after payment of certin premium to the State Govt as per prevailing Rules and procedures. In the present scenario it has become a herculean task to trace the forest land inside forest floor for utilization of plantation programme of compensatory afforestation. 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 identification is quite necessary. Therefore, in APO 2023-24 a financial outlay of **Rs 173.00 Lakh.** has been proposed for identification, Survey & mapping.

7. Monitoring & Evaluation including 3rd Party Monitoring

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 provisioned 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 2023-24 financial outlay of Rs **250 Lakh**. has been made

8. 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 has been proposed to display the rich floral and faunal heritage of the state for future generation. Hence a financial outlay of **Rs 500 Lakh** has been proposed in APO- 2023-24 to establish the forest museum & publicity awareness of different activities in Division and State level.

WILDLIFE MANAGEMENT (20% NPV)

1. Equipment/ Devices for Communication and IT Facilities:

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.

In APO 2023-24 Financial outlay of **Rs 950.00 Lakhs** has been proposed for the above mentioned activities.

The following are the proposals.

Strengthening of Communication facilities for Protection of Wildlife: (Rs. in lakh)

Sl. No.	Item of work	Unit	Unit cost (Rs. in lakh)	Quantity/ Unit (in No.)	Proposed amount
(i)	Installation of VHF base station, and maintenance thereof including satellite tracking.	Nos.	1.50	200	300.00
(ii)	Equipment for monitoring of wild animals and the protection activities.	Nos.	5.00	100	500.00
(iii)	Communication and information Technology, data analysis and data managing.				150.00
	Total:				**950.00**

The Division wise details is given below

(i) Installation of VHF base station, and maintenance thereof including statellite tracking (Unit cost @ Rs. 1.50 lakh)					
SL. No.	**Name of the Division**	**Location**	**Unit (In No.)**	**Unit Cost (Rs. in lakh)**	**Outlay (Rs. In lakh)**
1	Angul	8	**1.5**	12.0	1
2	Athgarh	7	**1.5**	10.5	2
3	Athmallik	6	**1.5**	9.0	3
4	Balasore WL	6	**1.5**	9.0	4
5	Bamra (WL)	6	**1.5**	9.0	5
6	Baripada	3	**1.5**	4.5	6
7	Berhampur	4	**1.5**	6.0	7
8	Bolangiri	2	**1.5**	3.0	8
9	Bonai	6	**1.5**	9.0	9
10	Chillika (WL)	2	**1.5**	3.0	10
11	Cuttack	5	**1.5**	7.5	11
12	Deogarh	7	**1.5**	10.5	12
13	Dhenkanal	6	**1.5**	9.0	13
14	Ghumsur North	2	**1.5**	3.0	14
15	Hirakud (WL)	6	**1.5**	9.0	15
16	Jharsuguda	3	**1.5**	4.5	16
17	Kalahandi South	2	**1.5**	3.0	17
18	Karanjia	4	**1.5**	6.0	18
19	Keonjhar WL	5	**1.5**	7.5	19
20	Keonjhar-T	3	**1.5**	4.5	20
21	Khordha	2	**1.5**	3.0	21
22	Mahanadi (WL)	10	**1.5**	15.0	22
23	Mangrove (WL)	3	**1.5**	4.5	23
24	Nayagarh	10	**1.5**	15.0	24
25	Parlakhemundi	4	**1.5**	6.0	25
26	Puri WL	2	**1.5**	3.0	26
27	Rairakhol	3	**1.5**	4.5	27
28	Rourkela	5	**1.5**	7.5	28
29	Satkosia (WL)	6	**1.5**	9.0	29
30	Similipal North	9	**1.5**	13.5	30
31	Similipal South	15	**1.5**	22.5	31
32	Subarnapur	4	**1.5**	6.0	32
33	Sunabeda (WL)	2	**1.5**	3.0	33
34	Sundargarh	2	**1.5**	3.0	34
Total:-			**170**	**1.50**	**255.00**
WL Head Quarter:-			**30**	**1.50**	**45.00**
Grand Total:-			**200**	**1.50**	**300.00**

Site wise detials of Installation of VHF base station, and maintenance thereof including statellite tracking is given in **Annexure III-LXIX**

ii) Equipments for monitoring of wild animals and the protection activities (Unit cost @ Rs.5.00 lakh)

SL. No.	Name of the Division	Unit (In No..)	Unit Cost (Rs. in lakh)	Allotted (Rs. In lakh)
1	Angul	2	5.00	10.00
2	Dhenkanal	3	5.00	15.00
3	Satkosia WL	2	5.00	10.00
4	Mahanadi WL	2	5.00	10.00
5	Cuttack	1	5.00	5.00
6	Athmallik	2	5.00	10.00
7	Balasore WL	2	5.00	10.00
8	Rairangpur	2	5.00	10.00
9	Karanjia	2	5.00	10.00
10	Baripada	2	5.00	10.00
11	Keonjhar (WL)	2	5.00	10.00
12	Similipal South	3	5.00	15.00
13	Similipal North	5	5.00	25.00
14	Ghumsur North	3	5.00	15.00
15	Parlakhemundi	1	5.00	5.00
16	Boudh	2	5.00	10.00
17	Subarnapur	1	5.00	5.00
18	Bolangir	5	5.00	25.00
19	Sunabeda WL	2	5.00	10.00
20	Chilika WL	1	5.00	5.00
21	Mangrove WL	2	5.00	10.00
22	Chandaka WL	2	5.00	10.00
23	Nayagarh	5	5.00	25.00
24	Bhadrak WL	1	5.00	5.00
25	Jeypore	1	5.00	5.00
26	Nawarangpur	1	5.00	5.00
27	Malkangir	2	5.00	10.00
28	Bonai	2	5.00	10.00
29	Deogarh	2	5.00	10.00
30	Rourkela	6	5.00	30.00
31	Sundargarh	3	5.00	15.00
32	Jharsuguda	3	5.00	15.00
33	Rairakhol	4	5.00	20.00
34	Bamra WL	2	5.00	10.00
35	Bargarh	1	5.00	5.00
36	Hirakud WL	3	5.00	15.00
37	Dy. Dir, NKZP	1	5.00	5.00
	Total:-	**86**	**5.00**	**430.00**
	Reserve at WL Hqtr:-	**14**	**5.00**	**70.00**
	Grand Total:-	**100**	**5.00**	**500.00**

N.B:-Rs. 70.00 lakh has been kept reserve at Headquarters to meet any eventuality and urgent need of field units.

(iii) Communication and information Technology, data analysis and data managing etc. (Unit cost @ LS)

SL. No.	Name of the Division	Unit (In Km.)	Unit Cost (Rs. in lakh)	Amount (Rs. In lakh)
1	Whole State	LS	LS	150.00
Total:-		LS	LS	**150.00**

2. Construction and Maintenance of Forest Road/Path/Antipoaching Barrack /Floating Jetty etc.:

For Construction and Maintenance of Forest Road/Path/Antipoaching Barac /Floating Jetty etc purposes Financial outlay of **Rs 950.00 Lakhs** has been provisioned in the APO 2023-24 The following are the proposals.

Construction and Maintenance Forest Road/Path/Antipoaching Barrack /Floating Jetty etc					
Sl. No.	**Item of work**	**Unit**	**Unit cost (Rs. in lakh)**	**Quantity/ Unit (in No.)**	**Proposed amount (Rs. in lakh)**
(i)	Maintenance of Forest Road/Inspection path.	KM	0.69	1000	690.00
(ii)	Anti-poaching Barrack.	Nos.	2	10	200.00
(iii)	Floating Jetty.	Nos.	15.00	4	60.00
Total:					**950.00**

The Dvision wise details is given below:

(i) Maintenance of Forest Road/Inspection path (unit cost @ Rs.0.69 lakh)

Sl	Name of the Division	Unit	Unit Cost	Proposed Amount (Rs. In lakh)
1	Satkosia WL	60	0.69	41.4
2	Mahanadi WL	36	0.69	24.84
3	Balasore WL	44	0.69	30.36
4	Keonjhar (WL)	40	0.69	27.6
5	Similipal South	180	0.69	124.2
6	Similipal North	130	0.69	89.7
7	Balliguda	36	0.69	24.84
8	Kalahandi South	12	0.69	8.28
9	Sunabeda WL	110	0.69	75.9
10	Puri WL	15	0.69	10.35
11	Chilika WL	7	0.69	4.83
12	Mangrove WL	20	0.69	13.8
13	Chandaka WL	118	0.69	81.42
14	Bamra WL	105	0.69	72.45
15	Hirakud WL	82	0.69	56.58
16	NKZP	5	0.69	3.45
	Grand Total	**1000**		**690**

Site wise details of Maintenance of Forest Road/Inspection path is given in **Annexure III-LXX**

(ii) Anti-poaching Barrack (Unit Cost @ Rs.20.00 lakh)

SL. No.	Name of the Division	Location	Unit (In No.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
1	Athgarh	Sundhuni	1	20.00	20.00
2	Rairangpur	Bisoi	1	20.00	20.00
3	Keonjhar WL	Sagadapata	1	20.00	20.00
4	Similipal North	Jashipur	1	20.00	20.00

5	Ghumsur North	Kupati	1	20.00	20.00
6	Boudh	Madhapur	1	20.00	20.00
7	Khordha	Ranpur	1	20.00	20.00
8	Nayagarh	Gamishree	1	20.00	20.00
9	Hirakud WL	Khola	1	20.00	20.00
10	Bamra WL	Badbahal	1	20.00	20.00
Total:-			**10**	**20.00**	**200.00**

Site wise details Anti-poaching Barrack is given in **Annexure III-LXX**

(iii)Floating Jetty (Unit cost @ Rs. 15.00 lakh)

Sl. No.	Name of the Division	Location	Unit (In Nos.)	Unit Cost (Rs. in lakh)	Proposed Amount (Rs. In lakh)
1	Mangrove WL	Hukitola	1	15.00	15.00
2	Malkangiri	Malkangiri	1	15.00	15.00
3	Keonjhar (WL)	Hadagarh Zero Point	1	15.00	15.00
4	Jharsuguda	Belpahar	1	15.00	15.00
Total:-			**4**	**15.00**	**60.00**

Site wise details of Floating Jetty is given in **Annexure III-LXXII**

9. 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.

9-Publicity & Awareness programmes:-

Sl. No.	Item of work	Unit	Unit cost (Rs.in lakh)	Quantity/ Unit (in No.)	Proposed amount (Rs.in lakh)
(i)	Publicity, Awareness Training & Capacity building	LS			100
Total:					**100**

Site wise details of Anti-poaching Barrack is given in **Annexure III-LXXI**

UTILIZATION OF INTEREST MONEY

(Activities under 60% of Interest Money)

1. 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. 200 Lakh** has been kept on lumpsum basis to meet the escalated enhanced program cost in the APO 2023-24.

2. Maintenance of 18 months seedling

2.1 Maintenance of 18 months seedling to be planted during 2023-24



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 2023-24 under APO 2023 -24 with financial outlay of **Rs 12,657.00 Lakhs**. Division wise details of the seedlings to be grown are given in the following **Table 20.1**

Circle	Division	18 months old Seedling (Rs in Lakhs)						
		Maintenance of 18 months seedling raised during Jan 2022 @ Rs.-006291/seedling (3 Months)		Maintenance of Seedlings raised during Jan-2023@ Rs.-046758/seedling (12 Months)		Maintenance of Seedlings raised during Jan-2024@ Rs.01061/seedling (3 Months)		**Total**
		Phy	Fin	Phy	Fin	Phy	Fin	Fin
Angul	Angul	5.0	31.46	5	233.79	5	53.05	318.30
	Athmallik	0.0	-	6	280.55	6	63.66	344.21
	Satkosia WL	1.0	6.29	1	46.76	1	10.61	63.66
	Dhenkanal	6.0	37.75	6	280.55	6	63.66	381.95
	Athgarh	5.0	31.46	5	233.79	5	53.05	318.30

	Cuttack	5.0	31.46	5	233.79	5	53.05	318.30
	Mahanadi WL		-	1	46.76	1	10.61	57.37
	Total-	**22.0**	**1.38**	**29**	**1,355.98**	**29**	**307.69**	**1802.07**
BBSR	Khurda	5.0	31.46	5	233.79	5	53.05	318.30
	Puri WL	1.0	6.29	1	46.76	1	10.61	63.66
	Rajnagar WL	5.0	31.46		-		-	31.46
	Nayagarh	0.0	-	5	233.79	5	53.05	286.84
	Chilika WL	2.0	12.58	1	46.76	1	10.61	69.95
	Chandaka WL	4.0	25.16	2	93.52	2	21.22	139.90
	City Forests		-	4	187.03	4	42.44	229.47
	Bhadrakh WL		-	2	93.52	2	21.22	114.74
	Total-	**17.0**	**1.07**	**20**	**935.16**	**20**	**212.20**	**1254.31**
Berhampur	Phulbani	6.0	37.75	6	280.55	6	63.66	381.95
	Baliguda	6.0	37.75	6	280.55	6	63.66	381.95
	Boudh	5.0	31.46	5	233.79	5	53.05	318.30
	Gh.South	5.0	31.46	5	233.79	5	53.05	318.30
	Gh.North	5.0	31.46	5	233.79	5	53.05	318.30
	Berhampur	5.0	31.46	5	233.79	5	53.05	318.30
	Parlakhemundi	0.0	-	5	233.79	5	53.05	286.84
	Total-	**32.0**	**2.01**	**37**	**1,730.05**	**37**	**392.57**	**2323.93**
Sambalpur	Jharsuguda	3.0	18.87	3	140.27	3	31.83	190.98
	Sambalpur	6.0	37.75	6	280.55	6	63.66	381.95
	Rairakhol	6.0	37.75	6	280.55	6	63.66	381.95
	Bargarh	5.0	31.46	5	233.79	5	53.05	318.30
	Bamara WL	2.0	12.58	2	93.52	2	21.22	127.32
	Total-	**22.0**	**1.38**	**22**	**1,028.68**	**22**	**233.42**	**1400.50**
Rourkela	Sundargarh	4.0	25.16	4	187.03	4	42.44	254.64
	Rourkela	4.0	25.16	4	187.03	4	42.44	254.64
	Bonai	4.0	25.16	4	187.03	4	42.44	254.64
	Deogarh	4.0	25.16	4	187.03	4	42.44	254.64
	Keonjhar	4.0	25.16	4	187.03	4	42.44	254.64
	Total-	**20.0**	**1.26**	**20**	**935.16**	**20**	**212.20**	**1273.18**
Baripada	Baripada	4.0	25.16	4	187.03	4	42.44	254.64
	Karanjia	4.0	25.16	4	187.03	4	42.44	254.64
	Rairangpur	4.0	25.16	4	187.03	4	42.44	254.64
	Balasore WL	1.0	6.29	2	93.52	2	21.22	121.03
	Keonjhar WL	2.0	12.58	2	93.52	2	21.22	127.32
	Total-	**15.0**	**0.94**	**16**	**748.13**	**16**	**169.76**	**1012.25**
Bhawanipatna	Kalahandi(N)	6.0	37.75	6	280.55	6	63.66	381.95
	Kalahandi (S)	5.0	31.46	5	233.79	5	53.05	318.30
	Subarnapur	5.0	31.46	5	233.79	5	53.05	318.30
	Bolangir	6.0	37.75	6	280.55	6	63.66	381.95
	Khariar	5.0	31.46	5	233.79	5	53.05	318.30
	Sunabeda WL	2.0	12.58	2	93.52	2	21.22	127.32
	Total-	**29.0**	**1.82**	**29**	**1,355.98**	**29**	**307.69**	**1846.11**
Koraput	Rayagada	7.0	44.04	6	280.55	6	63.66	388.25
	Koraput	6.0	37.75	5	233.79	5	53.05	324.59
	Jeypore	6.0	37.75	6	280.55	6	63.66	381.95
	Nowrangpur	6.0	37.75	5	233.79	5	53.05	324.59
	Malkangiri	6.0	37.75	5	233.79	5	53.05	324.59
	Total-	**31.0**	**1.95**	**27**	**1,262.47**	**27**	**286.47**	**1743.96**
	Grand Total-	**188.0**	**1182.71**	**200.0**	**9351.6**	**200**	**2122**	**12656.31**

(Activities under 40 % of Interest Money)

3. Management of office establishment of State Authority



As per Section 10 of CAF 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. 300 Lakh** has been kept for the contingent expenses, office expenses and the salaries towards engagement of human resource in CAMPA Authority.

4. State Forest Academy

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. 500 Lakh** has been kept for this ongoing activity

5. 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. 200 Lakh** has been kept to meet their expenses in this APO 2023-24.

Abstract of APO 2023-24 (Rs in Lakh)

NPV	NPV 80% Category	59215.15
	NPV 20% Category	13926.40
	Sub Total NPV	**73141.55**
Interset	Interest 60% Category	12857.00
	Interest 40% Category	1000.00
	Sub Total Interest	**13857.00**
Mandatory	CA/PCA	10,872.22
	SSWLMP	8,724.00
	RWLMP	2,000.00
	Sub Total Mandatory	**21596.22**
Grand Total		**108594.77**

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 2023-24

The formulation of APO 2023-24 was made reflecting the activities of mandatory activities i.e. Compensatory Afforestation (CA), PCA,1.5 SZ, Site specific Conservation Plan, Regional Wildlife Management Plan and under NPV Components various models of Plantations, 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. All the activities under APO 2023-24 are to be implemented by the Territorial, Wildlife Wing and Forest IT & GIS Cell.

The formulation of APO 2023-24 has been made in consonance with the CAF Act & Rule. As per the CAF Rule-6,the activities under Interest part has been considered under 60% and 40% category which have been incorporated in this APO 2023-24 Activities of above category proposed in APO 2023-24 are as per the table given below.

Abstract of Activities Proposed in APO 2023-24

Sl No	Component of work	Financial Outlay (Rs. In Cr.)		
		Forest	Wildlife	Total
1	**CA, Addl.CA, PCA,SZ,1.5 SZ etc**	108.7222	0	**108.7222**
2	**Integrated Wildlife Management Plan**			
	(i) Site Specific Wildlife Conservation Plan		87.24	**87.24**
	(ii) Regional Wildlife Management Plan		20.00	**20**
		108.7222	**107.24**	**215.9622**
Net Present Value (NPV)				
	80 % Activities			
3	New Plantations	130.47	0	130.47
4	Maintenance of Old Plantations	115.5161	0	115.5161
5	Ama Jungala Yojana	27.21	0	27.21
6	Sivicultural Operation	27.808	0	27.808
7	Forest Protection	47.06	22.56	69.62
8	Fire Protection	29.4229	9.6761	39.099
9	Soil & Moisture Conservation	53.9945	0	53.9945
10	Management of Biological Diversity & Biological Researach	0	19.724	19.724
11	Wildlife Management	0	108.71	108.71
	Total 80%	**431.4815**	**160.6701**	**592.1516**
	20% Activities			
12	Capacity Building	2.0	0	2.00
13	Improvement of Permanent Nursery	5.0	0	5.00
14	Upgradation of Communication & IT	8.0	9.50	17.5
15	Construction and Maitenance of road & path etc.	9.9645	9.50	19.4645

16	Construction of residential/ Office Building	46.9971	0	46.9971
17	Casual Engagement of local youth to assist in Forest Protection	38.07	0	38.07
18	Survey & mapping	1.73	0	1.73
19	Monitoring & Evaluation	2.50	0	2.50
20	Publicity & Awareness	5.0	1.0	6.0
	Total 20%	**119.2616**	**20**	**139.2616**
	Total NPV	**550.7431**	**180.6701**	**731.4132**

Proposal for Utilization of Interest Money		
I	**Under 60% Activities**	**Financial outlay (Rs in Crore)**
1	Escalation of Program cost due to wage rate	2.00
2	Maintenance of 18 months seedlings	126.57
	Total 60% Activities	**128.57**
II	**Under 40% Activities**	
1	Mnagement of office establishment of State Authority	3.00
2	State Forest Academy	5.00
3	Charges for Internet data Consumption	2.00
	Total 40% Activities	**10.00**
	Total Interest(60% +40%)	**138.57**
	Grand Total APO 2023-24	**1085.94**

Abstract of outlay of APO 2023-24

Sl.No	Component	Financial Outlay (Rs. in cr.)
1	CA, PCA & maintenance of Old Plantation etc.	108.7222
2	i. Regional Wildlife Management Plan	20.00
	ii. Site Specific WL Management Plan	87.24
3	NPV (80% + 20%)	731.4132
4	Utilization of Interest Money (60% + 40%)	138.57
	GRAND TOTAL:	**1085.94**

1.1 AFFORESTATION ACTIVITIES

The mandatory activities of CAMPA are CA, PCA, CATP etc., which has been considered in APO 2023-24. In NPV Category the afforestation activities like AR, ANR, Bald Hill and the maintenance of previous years plantation have been taken into consideration. In addition to the above, rehabilitation of degraded forests and conservation of pure RET/medicinal patches of indigenous species, Casurina plantation, mangrove plantation, phasi plantation etc., are also taken into consideration in different AR & ANR planation models. In APO 2023-24, the plantation programme of different models of Plantation has been proposed considering the site and socio-economic utility of indigenous species

1.1.1 Plantations under CA, PCA

The physical and financial target of plantation operations under CA, PCA etc., proposed to be carried out in the current year APO 2023-24 are given in the following table.

Activity	Physical Target (in Ha/ Nos.)	Financial Target (Rs. in Crore)
Current year plantation	2592.3725 Ha & 29346 Nos of Tree	41.9079
2nd year maintenance	4773.88 Ha & 13250 Nos of Tree	6.952
3rd year maintenance	3948.722Ha & 340 Nos of Tree + 10.12 RKM	2.454
4th year maintenance	3949.03 Ha & 5050 Nos of Tree	1.807
5th year maintenance	5237.71 Ha + 31.1 RKM	1.5
6th year maintenance	1392.84 Ha & 7640 Nos	0.259
7th year maintenance	3106.7 Ha & 100 Nos	0.632
8th year maintenance	3147.73Ha	0.541
9th year maintenance	993.29 Ha +30.44 RKM	0.278
Preliminary Operation (Tentative)	4000 Ha	52.391
Total-		**108.722**

1.1.2 Plantation Activities under NPV:

The plantation programme under NPV for different models has been formulated basing on site condition and socio-economic utility of indigenous Species. In APO 2023-24, AR model of plantation like Economic plantation, Indigenous plantation, Phasi plantation, River rejuvenation plantation, Bald hill, Casuarina, Mangrove, and Fodder & Fruit plantation including the maintenance of last year plantation up to 4th years has been considered. In ANR model include Vanya silk, Fodder & Fruit, RET/Medicinal & other Indigenous Misc plantations was taken into consideration. In Phase-I of Ama Jangala Yojana, the maintenance of old plantation has been considered and, maintenance of old seedlings raised for planting in year 2023-24 was considered in APO 2023-24. The physical and financial target of the plantation activities are given in the following table

Current Year Plantations

Activity	Unit	Target	Unit cost	Financial outlay (in Lakhs)
Plantation (Creation)				
ANR Plantation (0th + 1st Year)				
Vanya Silk Pl. 500 pl/ha	Ha	1255	0.36415	457.01
Fodder & Fruit Pl. @ 500 pl/ha	Ha	2445	0.36415	890.35
ANR Gap RET/Medicinal @ 200 pl/Ha	Ha	7905	0.21034	1662.74
Other Indigenous misc Species @ 500 pl/Ha	Ha	16969	0.36415	6179.26
Total ANR		**28574**		**9189.35**
AR Plantation (0th + 1st Year)				
AR Plantation economic @ 1600 pl/Ha @1600 Plants/Ha	Ha	73	1.20150	87.71
AR Indigenous Species Plantation @1600 Plants/Ha	Ha	701	1.20150	842.25
AR Indigenous Species Plantation @1000 Plants/Ha	Ha	341	0.92274	314.65
Phasi Plantation @1600 Plants/Ha	Ha	48	1.20150	57.67
River Rejuvenation Plantation @ 1600 Plants/Ha	Ha	190	1.20150	228.29
Bald hill Plantation @ 1600 Plants/Ha	Ha	968	2.11688	2049.14
Fooder & Fruit Pl @1600 Plants/Ha	Ha	189	1.20150	227.08

Casuarina Plantation (in Protected Areas only) @ 2500 Plants/Ha	Ha	22	1.83265	40.32
Mangrove Plantation @ 2500 Plants/Ha	Ha	5	0.98649	4.93
Mangrove Plantation (Hypocotyle) @4445 Plants /Ha	Ha	15	0.37360	5.60
Total AR Plantation		**2552**		**3857.65**
Total Plantation (Creation)		**31126**		**13047.00**

Maintenance of Plantation

Activity	Unit	Target	Unit cost	Financial outlay (in Lakhs)
Maintenance of Plantation				
2nd Year Maintenance				
Vanya Silk Pl. @500 pl/ha	Ha	1807	0.10340	186.84
Fodder & Fruit Pl. @ 500 pl/ha	Ha	2760	0.10340	285.38
ANR Gap RET/Medicinal @ 200 pl/Ha	Ha	2402	0.07429	178.44
other Indigenous misc Species @ 200 pl/Ha	Ha	44898	0.07429	3335.47
AR Plantation economic @1600 pl/Ha@1600 Plants/Ha	Ha	190	0.35430	67.32
AR Indigenous Species Plantation @1600 Plants/Ha	Ha	1235	0.35430	437.56
AR Indigenous Species Plantation @1000 Plants/Ha	Ha	1050	0.30887	324.31
Phasi Plantation @1600 Plants/Ha	Ha	85	0.35430	30.12
River Rejuvenation Plantation @1600 Plants/Ha	Ha	80	0.35430	28.34
Bald hill Plantation @ 1600 Plants/Ha	Ha	970	0.42712	414.31
Fooder & Fruit Pl @1600 Plants/Ha	Ha	60	0.35430	21.26
Casuarina Plantation (in Protected Areas only) @ 2500 Plants/Ha	Ha	157	0.76164	119.58
Mangrove Plantation @ 2500 Plants/Ha	Ha	8	0.22070	1.77
Mangrove Plantation (Hypocotyle) @ 4445 Plants /Ha	Ha	125	0.11848	14.81
3rd year Maintenance		**55827**		**5445.51**
ANR Pl. @200 pl/Ha	Ha	35515	0.07118	2527.96
AR Pl. @1600 pl/Ha	Ha	1490	0.28242	420.81
Bald Hill @1600 pl/Ha	Ha	1326	0.26049	345.41
Bamboo @400 pl/Ha	Ha	1370	0.18234	249.81
Miyawaki @8000 pl/Ha	Ha	13	4.54094	59.03
Fodder & Pruit @1600 pl/Ha	Ha	105	0.28242	29.65
Casuarina @2500 pl/Ha	Ha	46.1	0.26050	12.01
RET (with Gap) @200 pl/Ha	Ha	130	0.07118	9.25
RET (without Gap) @200 pl/Ha	Ha	70	0.05245	3.67
4th year Maintenance		**40065.1**		**3657.60**
ANR Pl. @200 pl/Ha	Ha	39900	0.05130	2046.87
AR Pl. @1600 pl/Ha	Ha	1500	0.07312	109.68
Bald Hill @1600 pl/Ha	Ha	875	0.23602	206.52
Fodder & Fruit Pl. @1600 pl/Ha	Ha	385	0.07312	28.15
Miyawaki @ 8000 pl/Ha	Ha	4	2.98331	11.93
RET (with Gap) @200 pl/Ha	Ha	85	0.05130	4.36
RET (without Gap) @200 pl/Ha	Ha	799	0.05130	40.99
		43548		**2448.50**
Total Maintenance (2nd +3rd +4th year)		**139440.10**		**11551.61**

Ama Jangala Yojana

Activity	Unit	Target	Unit cost	Financial outlay (in Lakhs)
Ama Jangala Yojana				
Ama Jangala Yojana Phase-II (seedling to be planted during 2023-24 (3 months)	Nos	0.55 Cr	0.0000629	346.01
Ama Jangala Yojana Phase-I (Maintenance of old Plantation)	Ha			2375.00
Total Ama Jangala Yojana				**2721.01**

1.2 Silvicultural Operations .

As per the working plan /scheme prescription for Bamboo coupes, the Subsidiary Silvicultural Operations for bamboo has been considered over **95,000 Ha**. with financial outlay of **Rs.2780.80 Lakh.** The activities proposed to be undertaken are cleaning of clumps, high stump cutting, stone packing, earth mounding, etc. In addition to that Silvicultural Operation & maintenance of research garden has been proposed including production of Quality Planting Material.

Activity	Unit	Target	Unit cost	Financial outlay (in Lakhs)
Silvicultural Operation of Bamboo	Ha	95000	0.02664	2530.80
Silvicultural Operation & maintenance of research garden	LS			250.00
Total Silvicultural Operation				**2780.80**

1.3 Soil and Moisture Conservation (SMC) works:

Soil and Moisture Conservation works has beenproposed to be undertaken in APO 2023-24 over an area of **15427 Ha**. with financial outlay of **Rs 5399.45 Lakh**. The main moto of SMC is to conserve the water and raise the water regime along with improvement of Soil Moisture. In this APO 2023-24 the forest blocks in different divisions will be identified to complete the SMC activities over entire area in specific period in saturation mode. For the SMC activity the DPR is to be prepared by expert agencies using LiDAR Survey improved Technology

1.4 Protection Activities:

For better forest conservation and management of forest, proper protection is quite essential. Protection activities i.e. communication, information exchange and movement of forest patrol staff are basic need for management of forest. The acute fire hazard during hot summer in the forest is very much damaging factor.It needs required interventions to combat the fire hazard. For movement of staff, vehicular arrangements are quite necessary to restrict the theft and fire incidences inside forest. Casual engagement of local people to assist the frontline staff in patroling is quite essential. A Financial outlay of **Rs. 11,455.93 Lakh** has been proposed. The details of Protection activity are mentioned in the following table.

Activity	Unit	Target	Unit cost	Financial outlay (in Lakhs)
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			3000.00
Protection of Forest through provisioning of mobility by hired vehicle (whole the year)	Nos	316	5.4000	1706.40
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	16.772	3807.24
Total				**8513.64**

Forest Fire Prevention and control Operations

Fire Protection Rapid response teams involving community youth with hired vehicle for Fire Protection (5 Months) (@ 4.995+2.25 Veh)	No.	213	7.24500	1543.19
Creation and Maintenance of fire line	KM	19500	0.03330	649.35
Procurement of Fire Blower including fuel and other accessories	Nos	306	0.65000	198.90
Logistic support for fire squads	LS	213	0.85000	181.05
Training on Forest Fire to the frontline Forest Staff	Nos	283	0.10000	28.30
Awareness Campaign in the ranges	Nos	283	0.50000	141.50
Fire Watch Tower	No.	10	20.0000	200.00
Total Fire Prevention and Control Operations				**2942.29**
Grand Total				**11,455.93**

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.

Protection Activities

Activity Name	Outlay Rs. in Lakhs
Protection under Wildlife Management	2256.00
Fire and Prevention under Wildlife Management	967.61
Wildlife Habitat Restoration and improvement	4770.59
Establishment, operation and maintenance of animal rescue centre and veterinary treatment facilities for wild animals	1100.00
Manageemnt Biological diversity and Biological Resources in PA	1972.40
Relocation of Villages in Protected Areas	5000.00
Equipment/ devices for Communication & IT Activity	950.00
Total	**17016.6**

3. INFRASTRUCTURE

Infrastructure is the basic need of front-line staff to reside inside the remote area for smooth forest management like staff quarters of Range office, Range Officers residence, Forester, Forest Guards. In addition to that the forest roads, culvert, development of permanent nurseries, communication facilities, floating jetties etc. are also barely needed for forest management which has been taken care in APO 2023-24. 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 Lakhs)
Maintenance of Forest Road	K.M.	1147	0.69	791.43
Culvert	Nos.	134	1.53	205
Range Office	Nos.	6	31.65	190
Range Officer Residence	Nos.	4	24.52	98
Forester Quarters	Nos.	56	20.389	1142
Forest Guard Quarters	Nos.	186	16.29	3030
Seizure Yard	Nos.	20	12.00	240
Improvement of permanent nurseries	LS			500
Infrastructure inside WL Protected area				
Maintenance of Forest Rd/Insp. Path.	K.M.	1000	0.69	690
Anti-poaching Barrack.	Nos.	10	20.00	200
Floating Jetty.	LS	4	15.00	60
			Grand Total	**7146.43**

4. 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 2023-24 for **1.88Cr**. nos and maintenance (12 Months) of 18 months old seedlings to be planted during 2024-25 for **2.00 Cr.**no of seedlings and also, the seedlings to be raised for plantation during 2025-26 over **2.00 Cr.** (3 Months) has been proposed. In addition to that escalation of program cost due to revision of wage rate has been considered.

Detail Activity	Unit	Physical Target	Unit cost (Rs in Lakhs)	Financial outlay (Rs in Lakhs)
Escalation of program cost due to revision of wage rate	**LS**			**200.00**
Maintenance of 18 months seedling to be planted during 2023-24 (3 months)	Nos	1.88 Cr	0.000063	1183.00
Maintenance of 18 months seedling to be planted during 2024-25 (12 months)	Nos	2 Cr	0.000468	9352.00
Raising of 18 months seedling to be planted during 2025-26 (3 months)	Nos	2 Cr	0.000106	2122.00
Total maintenance Raising Seedlings…				**12657.00**

5. CAPACITY BUILDING, PUBLICITY, AWARENESS & FOREST MUSEUM

In Forest Department of Odisha State various activities are being implemented which needs to be exhibitted 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. The Capacity building programme is very much required for efficient execution of CAMPA activities in the state. Internal monitoring and 3rd Party monitoring is to be made for proper utilization of CAMPA Fund. Hence a financial outlay of **Rs 2050.00 Lakhs** has been proposed in APO- 2023-24.

Activity Name	**Outlay Rs. in Lakhs**
Capacity Building	200.00
Publicity Awareness including setting up of Forest Museum	600.00
Monitoring & Evaluation including 3rd party monitoring	250.00
Management of office establishment of State Authority	300.00
State Forest Academy	500.00
Charges for consumption of internet	200.00
Total	**2050.00**

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

The CAMPA AOP 2023-24 has been formulated focusing broadly 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:

Plantation forests can provide most goods and services that are provided by natural forests. These include timber, nontimber forest products clean water and clean air, soil erosion control, biodiversity, esthetics, carbon sequestration, and climate control.

- Reducing Climate Change
- Enhancement of green cover
- Reduction of soil erosion
- Providing Shelters for Wildlife
- Socio-economic development & employment regeneration of forest fringe villagers
- Plantation outside forest increases green cover
- Purifying Air
- Preventing Water Pollution
- Renewable Energy Source

b) The output for forest protection:

The importance of forests cannot be underestimated. We depend on forests for our survival, from the air we breathe to the wood we use. Besides providing habitats for animals and livelihoods for humans, forests also offer watershed protection, prevent soil erosion and mitigate climate change. Despite our dependence on forests, we are still allowing them to disappear.

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 population.
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.
9. Sinks of carbon dioxide.
10. Habitats for biodiversity conservation.
11. Sustaining livelihood and economic opportunities.

c) Output for Wildlife Management Activities

Wildlife management is the management process influencing interactions among and between wildlife, its habitats and people to achieve predefined impacts. It attempts to balance the needs of wildlife with the needs of people using the best available practices

1. Reduction in wild animals straying incidences
2. Increased sighting of the wild animals
3. Positive impact in the health of wild animals.
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 there is improvement in the forest road, construction of culvert, causeways

e) Measurable outputs of SSO Bamboo:

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

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 FITG 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 for 2017-18, 2019-20 and 2020-21 has been entrusted to M/s Pricewaterhouse Coopers Pvt. Ltd (PwC), Gurgaon and it has submitted the final report which same will be sent to the National Authority and to all other concerns. The report will be published in website of PCCF & HoFF, Odisha. For APO 2021-22, tender has been floated for third party Monitoring and evaluation and it is expected to select the suitable agency within March 2023.

2. The internal auditor has been appointed to coordinate different CA Firms for internal audit and prepartion of accounts for CAMPA works. Their job is to ensure all the financial procedures, rules to be 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 to ensure the utilization of Fund as per CAF Act and Rules.

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ANNEXURE

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By Post/ e-mail

GOVERNMENT OF ODISHA
FOREST, ENVIRONMENT & CLIMATE CHANGE DEPARTMENT
****

No.FE-DIV-MISC-0049-2022- 1539 /FE&CC, Date 25.01.23

From

Shri Deben Kumar Pradhan, IAS
Joint Secretary to Government

To

The PCCF & HoFF, Odisha, Bhubaneswar.

Sub: Proceedings of the 20th Meeting of State Level Steering Committee of CAMPA (State Authority) held on 11.01.2023 under the Chairmanship of Chief Secretary, Odisha & Chairperson, Steering Committee, State CAMPA, Odisha - regd.

Sir,

I am directed to invite a reference to the captioned subject and to enclose here with the copy of approved proceedings of the 20th Meeting of State Level Steering Committee of CAMPA (State Authority) held on 11.01.2023 under the Chairmanship of Chief Secretary, Odisha & Chairperson, State Level Steering Committee, State CAMPA, Odisha for kind information & necessary action.

Yours faithfully,

25.1.2023

Joint Secretary to Government

Memo No. 1540 /FE&CC, Date. 25.01.23

Copy along with copy of enclosures forwarded to the Chief Executive Officer, State Authority & Member Secretary, State Level Steering Committee of CAMPA, Odisha, O/o the PCCF & HoFF, Odisha, Bhubaneswar for kind information & necessary action.

25.1.2023

Joint Secretary to Government

Memo No. 1541 /FE&CC, Date. 25.01.23

Copy along with copy of enclosures forwarded to the FA-cum-Additional Secretary to Government, FE & CC Deptt. for information & necessary action.

25.1.2023

Joint Secretary to Government

By Post/ e-mail

GOVERNMENT OF ODISHA
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Joint Secretary to Government

Proceedings of the 20th Meeting of State Level Steering Committee of State CAMPA, Odisha held at 11.45 AM on 11.01.2023 under the Chairmanship of Chief Secretary, Odisha through Video-Conference

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The Chief Secretary, Odisha, as the Chairman of the Steering Committee of State Authority CAMPA presided over the Steering Committee meeting which was held through MS Team VC at 11.45 AM on 11.01.2023. The list of the officials/participants is at the Annexure.1

1. Initiating the discussion, Additional Chief Secretary, FE&CC Deptt. welcomed the Chairman and requested the PCCF & HoFF, Odisha to highlight about the APO 2023-24.
2. PCCF & HoFF, Odisha welcomed all the members of the 20th meeting of Steering Committee and informed the Committee that the Executive Committee of State CAMPA in its 19th meeting held on 20.12.2022 has finalized the APO 2023-24 with total outlay of Rs.1085.95 Crores and now placed the same before this committee for consideration and approval. The Annual Plan of Operation (APO) has been 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. Thereafter, he requested the CEO, State Authority, CAMPA to present the details of the APO 2023-24, for the next financial year.
3. Detailed agenda wise presentation was made by the Chief Executive Officer, State Authority, CAMPA. It was informed that the APO 2022-23 ongoing during the current financial year was approved with a financial outlay of Rs. 1241.34 Crore, out of which the National Authority has approved the activities to the tune of Rs.1192.09 Crore. Out of this outlay, Rs.772.00 Crore (as on 31.12.2022) has so far been released to the implementing Officers and all activities are in progress in the field.

4. Further, in his presentation, Chief Executive Officer CAMPA also informed the present fund position of state authority CAMPA as detailed below:

Amount Received from National Authority after reconciliation up to 31.03.2020 Amount Deposited by User Agencies from 01.04.2021 to 31.03.2022 as reported by FD&NO Wing	6281.25Cr (+) 996.01Cr
TOTAL DEPOSIT (A) Interest accrued from Loan to Govt. up to 31.03.2022 Interest accrued in ATB Investment up to 27.10.2022 **TOTAL INTEREST (B)** **GRAND TOTAL (A+B)**	**7277.26Cr** (+) 253.78Cr (+) 323.15Cr **576.93Cr** **7854.19Cr**
Amount Expenditure towards APO-2019-20 Amount Expenditure towards APO-2020-21 Amount Expenditure for APO 2021-22 Amount Budgeted for APO 2022-23 **TOTAL EXPENDITURE (C)**	(-) 421.07Cr (-) 674.99Cr (-) 841.67Cr (-) 1241.34Cr **(-) 3179.07Cr**
TOTAL FUND AVAILABLE (A+B-C)	**4675.21Cr**

It was informed that out of Rs.4675.12 Cr, an amount of **Rs.3670.68Cr.** available with State Authority had been invested in ATB.

5. ANNUAL PLAN OF OPERATION (APO) 2023-24:

Basing on position of funds available, State Authority CAMPA, pursuant to the provision of Rule 39 of CAF Rule 2018, has formulated APO for the year 2023-24 with an outlay of Rs.1085.95 Crore which has been approved by Executive Committee in its meeting held on 20.12.2022. The proposals of the APO for the year 2023-24 were placed before the Steering Committee for consideration and approval.

ABSTRACT OF OUTLAY OF APO 2023-24. (Rs. in Cr.)

Sl. No.	Component	Financial Outlay
1	CA, PCA CATP & SSWLCP etc.	215.96
2	NPV (80% + 20%)	731.42
3	Utilization of Interest Money (60% + 40%)	138.57
	GRAND TOTAL:	**1085.95**

5.1. SITE SPECIFIC ACTIVITIES INCLUDING CA, PCA AND CATP

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

The total area diverted upto September, 2022	60190.00Ha
Stipulation of Comp. Afforestation Upto September, 2022	80843.09Ha
Achievement of CA upto September, 2022	75278.29Ha
Balance Area to be covered	5564.80Ha
Proposed area for Comp. Afforestation in APO 2023-24	**1962.919Ha**

The new plantations and maintenance of previous years' plantations under Compensatory Afforestation, Penal Compensatory Afforestation, Additional Compensatory Afforestation etc. have been proposed in APO 2023-24 with financial outlay of Rs.108.72 Crore.

Site Specific Wildlife Conservation Plan & Regional Wildlife Management Plan

APO 2023-24 proposed for implementation of interventions in respect of 113 site-specific wildlife conservation plans (97 nos. of ongoing sites + 16 nos. new SSWC Plans) at a cost of **Rs.87.24 crore**. Further, a financial Outlay of **Rs 20.00 Crore** has been provisioned in APO 2023-24 for implementing the activities of Regional Wildlife Management Plan as per requirement.

5.2 ACTIVITIES UNDER 80% NPV

The following activities permissible under Rule 5 (2) of CAF Rules 2018 under 80% NPV component have been proposed for implmentation in APO 2023-24 as briefed below.

5.2.1 Plantation Activities:

In APO 2023-24, an area of 31,126 Ha. has been proposed to be taken up for plantation with an outlay of Rs.245.98 Crore including the maintenance of old plantation. Different models of site-specific and species-specific plantation activities have been incorporated in APO 2023-24. Under AR Plantation, various models have been proposed such as:

1. Economic plantation of High value species,
2. Indigenous species plantation
3. Phasi plantation
4. River rejuvenation plantation,
5. Bald hill plantation,
6. Casuarina plantation
7. Mangrove seedling plantation,
8. Mangrove (Hypocotyl) plantation etc.

Similarly, under ANR plantations, various models have been proposed to be taken up such as

1. Vanya silk plantation,
2. Fodder and fruit plantation,
3. RET /Medicinal species plantation,
4. Other Miscellaneous species plantation etc.

5.2.2 Ama Jangala Yojana (AJY)

In APO 2023-24, an amount of **Rs.27.21 Crore** has been proposed for maintenance of old plantations raised under AJY Phase-I in previous years and maintenance of 18-month-old seedlings raised in January-2022.

5.2.3 Regeneration of Degraded Bamboo Coupes (SSO Bamboo):

In order to maintain the health of Bamboo forests in the State, an area of **95,000 Ha.** has been proposed to be taken up for bamboo silvicultural operation with SMC measures for which a provision of **Rs.25.31 Cr.** has been kept in this APO 2023-24.

5.2.4 Silvicultural Operation and maintenance of Research Garden:

An amount of **Rs.2.5 crore** has been proposed for research activity and Silvicultural Operation and maintenance of Research Gardens including production of QPM.

5.2.5 Forest Protection

a. Steps are taken to ensure mobility of staff inside the forest and to improve their communication facilities for regular patrolling and on emergency situations. In this APO 2023-24, it is proposed to engage 316 hired vehicles for protection activities for whole year covering all the Ranges and sub-divisions. For this, financial outlay of Rs.**17.06 Crore** has been proposed in APO 2023-24.

   Consolidation of forest block boundaries and proper demarcation in the field is another activity of importance in protection of forest land. Hence, it was decided to digitize the boundary of 45587 Km^2 of Notified Forest area and 15,404 Km^2 of revenue forests in phases. In this APO, it is proposed to cover 13,046.87 Km^2 of Notified Forest area and 3,965.17 Km^2 of Revenue Forest area with an outlay of **Rs 30.00 Crore.**

   Further, **Rs.22.56 Crore** has been proposed by Wildlife wing for protection activities i.e. anti-depredation tracking devices, boat patrolling, erection of solar

fence, trench, Gaja Sathi, Prevention of wildlife crime, maintenance of PA boundary for demarcation and protection of wildlife habitat.

b. **Forest Fire Protection**: State level forest fire plan has been prepared by the Forest Department aiming at zero fire occurrence and accordingly, following measures for management of forest fire in the state are proposed with total financial outlay of **Rs 39.10 Crore** in the APO 2023-24 for forest and wildlife areas.

- Deployment of Fire Squad by engaging local youth with provisioning of hired vehicle.
- Procurement of fire blower and other fire prevention equipment and gadgets.
- Training of Field Staff to combat fire.
- Awareness campaign to involve local community
- Creation and maintenance of fire line in forest floor.
-

5.2.6 Soil Moisture Conservation (SMC):

Soil and Moisture Conservation is an important activity to improve the moisture regime of the forest area and arrest soil erosion in degraded forests of the State. An area of **15,427 Ha.** of degraded forest Land of the State have been proposed to be treated under SMC with different interventions. An amount of **Rs.53.99 Cr**. has been earmarked for the purpose.

5.2.7 Improvement of Wildlife Habitat:

The State is having rich faunal diversity managed through wildlife organization of forest department. The management of wildlife is carried out through a network of protected areas which comes under various wildlife divisions and some territorial divisions. The management of wildlife habitat undertaken by the Wildlife Organization is specifically supported by CAMPA as per CAF Act-2016 and CAF Rule-2018. In this APO, the following activities have been proposed with an outlay of **Rs.47.70 Crore**.

Sl. No.	Activities	Financial Outlay (Rs. in Cr)
1	Augmentation of food and water resources	21.70
2	Monitoring assessment and protection of wildlife habitat	19.67
3	Management of Special Habitats	2.00
4	Cattle vaccination, Awareness Camp	2.00
5	Improvement of Bamboo Clumps for fodder	1.33

6	Invasive weed eradication etc.	1.00
	Total	**47.70**

5.2.8 Establishment, operation and maintenance of animal rescue centre and veterinary treatment facilities for wild animals:

Maintenance of rescue centers at Nandankanan & Other Zoos and Veterinary care facilities and establishment of new Rescue Centers and Veterinary treatment facilities and their maintenance at strategic locations have been proposed with a Financial Outlay of **Rs 11.00Crore** in this APO.

5.2.9 Management of Biological Diversity in Protected Area:

Biodiversity management is much required for maintenance and resilience of ecosystem. This apart, provision has been kept for monitoring, surveillance and protection of meta population of important wildlife species including RET species outside protected areas through involvement of the local community. Total outlay proposed for all these activities is **Rs.19.72Crore** in this APO.

5.2.10 Relocation of Villages from Protected Areas:

The relocation of villages from the protected areas has been proposed with a financial Outlay of **Rs 50.00 Crore**.

5.3 ACTIVITIES UNDER 20% NPV

5.3.1 Capacity Building:

There is need to create awareness and capacity building among community residing near forest areas in the overall management of forest and sustainable utilization of forest produce. Also it is proposed to build capacity of field staff in different activity of management of forest and wildlife. Total financial outlay of **Rs.2.00 Crore** has been provisioned for the purpose in this APO.

5.3.2 Improvement of Permanent Nurseries:

Many permanent nurseries in the state need to be improved with additional infrastructure and desired number of vermi-compost units to ensure timely availability of QPM of different indigenous species of 18 months old seedlings. Hence, provision of **Rs.5.00 Crore** has been kept in this APO.

5.3.3 Up-gradation of communication and Information Technology:

The maintenance and up-gradation of Forest IT, proposal for up gradation of Communication and IT facilities, Geo-ICT based Server infrastructure, procurement and maintenance of IT Equipment and devices in the Forest Wing for which a financial

outlay of **Rs.8.00 Crore** has been earmarked. Further, for installation of VHF base stations and their maintenance, Equipment for monitoring of wild animals and other means of communication in remote Wildlife areas have been proposed with financial outlay of **Rs.9.5 Crore**.

5.3.4 Infrastructure development:

The CAF Rule-2018 provides utilization of CAMPA fund towards development of basic infrastructure required for forest and wildlife management under two broad categories of (1) Maintenance and construction of forest roads etc. and (2) Constructions of Residential/official buildings for front line staff. In the APO 2023-24, a financial outlay of **Rs.66.46 Crore** has been provisioned for the purpose.

5.3.5 Casual Engagement of Local people:

Forest Protection through community involvement through local people being the key intervention has been given top priority under CAMPA. In APO 2023-24, provision has been kept for Casual Engagement of Local people to assist regular staff of state forest department in protection of forest and wildlife (10 persons each in 227 units for whole year). Under this activity **Rs 38.07 Crore** has been proposed for APO 2023-24.

5.3.6 Survey & Mapping of Forest Areas for CA Land Bank:

Survey & Mapping of Forest Areas is required to create Land Bank for Compensatory Afforestation and to ensure its further protection for which Rs.**1.73 Crore** has been proposed.

5.3.7 Monitoring & Evaluation:

Monitoring of all CAMPA activities at State, Circle and Divisional level is necessary. 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. For Monitoring & Evaluation, a provision of **Rs.2.50 crore** has been proposed in this APO.

5.3.8 Publicity & Awareness Programs:

Various activities under CAMPA are being carried out which needs to be reflected in public domain. A Forest Museum is proposed to be developed to display and showcase the rich floral and faunal heritage of the State for future generation. Hence a financial outlay of **Rs 6.00 Crore** has been proposed in APO 2023-24 including **Rs.1.00Crore** in the wildlife sector.

5.4 ACTIVITIES UNDER 60% INTEREST MONEY

5.4.1 Escalation of program cost due to revision of wage rate:

In various activities of forestry program, labour component is a major factor. In order to accommodate the enhancement of labour rate a provision of escalation of program cost has been proposed in this APO with a financial outlay of **Rs 2.00 Crore.**

5.4.2 Maintenance of 18-month-old seedling:

Maintenance of 18-month-old seedling to be planted during 2023-24 (for 4 months), maintenance of 18-month-old seedling to be planted during 2024-25 (for 12months) and raising of 18 months seedling (for 3month) for planting during 2025-26 have been provisioned, with an outlay of **Rs. 126.57 Cr** in the APO.

5.5 ACTIVITIES UNDER 40% INTEREST MONEY

The activity like expenditure of management of State Authority, State Forest Academy and charges for internet from beat level to State Authority has been proposed in APO 2023-24 with an outlay of **Rs.10.00 Crore**.

The Chief Secretary and Chairman suggested that the wildlife management activities extensively carried out through CAMPA funds are to be closely monitored by PCCF (WL) & CWLW and effectively utilised to minimise the human-wildlife conflict. VHF network in all Divisions, especially inside the Protected Areas shall be established so as to improve connectivity upto beat level for 24 X 7 hrs monitoring. For relocation of villages from Tiger Reserve/Sanctuary/Reserved Forests, all out co-ordinated effort needs to be ensured and Govt. shall provide adequate funds apart from CAMPA fund, if required. The afforestation works carried out are also to be monitored using CAMPA tracker and by using technology, high resolution satellite imagery every 6 months and to be verified in the field though frequent inspection by senior officers. He further stressed that DFO, Chandaka (WL) Division needs to identify all the revenue forest patches around Chandaka WL Sanctuary in order to develop elephant corridor in the area in consultation with PCCF (WL) & CWLW.

Regarding the improvement of forest roads, Chairman suggested to conduct one joint meeting with Panchayati Raj Deptt. and to prepare a five-year action plan to upgrade forest road to Grade-1 metalling. The material intensive components for such activities need to be covered under CAMPA funding and labour-intensive part to be taken up under MGNREGS. Engagement of labour under MGNREGS is to be ensured for 100 days in forestry activities, for which a definite pool will be created at the

concerned Gram Panchayat level. It was also suggested that the revenue forest area are to be jointly surveyed by Forest Deptt. with Revenue Deptt. for creation of land bank for future projects requiring forest clearance. PCCF (FD&NO, FC Act) stated that out of 35,000 Ac. of revenue forest land identified, 6,400 Ac land have been jointly verified and found suitable for land bank creation for future compensatory afforestation. Special Secretary, Revenue & DM Deptt. was requested to issue NoC for the jointly verified revenue land so that those patches can be surveyed and demarcated as land banks.

Addl. Chief Secretary, FE&CC Deptt. suggested that the fire plans made at Division/District level for combating forest fire will be discussed with Collectors of the District for effective control of forest fire and it should be uploaded in public domain. ACS also suggested for preparation of 5-year Action Plan for improvement of forest roads in convergence with MGNREGS and similarly 3-year Action Plan for afforestation in consonance with the provisions under the working plans for each forest division.

The DIGF, IRO, MoEF & CC, Eastern Zone, Bhubaneswar suggested for early completion of creation of land bank for compensatory afforestation and its DGPS survey and demarcation in the field in order to ensure timely forest clearance in respect of important projects of concerned to the Government.

After detailed discussion, the committee deliberated on all the activities proposed in the APO with financial outlay of Rs.1085.95 Crore and approved the same for submission to National CAMPA Authority, Govt. of India, MoEF & CC for their consideration. The details of proposed activities in the APO 2023-24 approved by the Steering Committee are as per following table: -

Activity wise Details of APO 2023-24

(Rs. in Lakhs)

Sl. No	Act/ Rule	Detail Activity	Unit	Physical Target	Unit cost	Financial outlay
CA, PCA, SZ, 1.5 SZ, SSWLP, RWLMP						
		New Plantation				
1	*Sec. 6 (a)*	**CA, PCA**			***As per Project Proposal***	2794.41
		AR	Ha	210.7837		
		ANR	Ha	990.3059		
		ANR (w/o Gap)	Ha	122.285		
		Bald Hill	Ha	603.7544		
		Stipulation against Exploratory drilling to	Ha	35.79		

		be carried out during 23-24 CA				
2		**CATP**	LS			115.12
		AR	Ha	105		
		ANR	Ha	40		
3		**CA -Others**				1281.26
		AR	Ha	43.6775		
		ANR	Ha	300.198		
		ANR (w/o Gap)	Ha	31.749		
		Tall Tree plantation	Nos	86		
		Stipulation against Exploratory drilling to be carried out during 23-24 Tall Tree	Ha/Nos	108.829 Ha / 29260 Nos		
		Ancillary Activities				
		Total	**2592.3725 Ha & 29346 Nos Tree Plantn**			**4190.79**
4		**Maintenance of Old Plantation**				
		2nd Year maintenance			***As per Project Proposal***	695.24
		AR	Ha	645.50		
		ANR	Ha	3132.54		
		ANR (WG)	Ha	827.76		
		Bald Hill	Ha	168.08		
		No. of Tree Plantations	Nos	13250.00		
		3rd Year maintenance				245.39
		AR	Ha	185.44		
		ANR	Ha	3405.58		
		ANR (WG)	Ha	13.09		
		Bald Hill	Ha	344.61		
		No. of Tree Plantations	Nos	340.00		
		Canal Bank/Avenue Plantation	RKM/Nos	10.12		
		4th Year maintenance				180.74
		AR	Ha	87.46		
		ANR	Ha	2684.22		
		ANR (WG)	Ha	449.50	***As per Project Proposal***	
		Bald Hill	Ha	727.85		
		No. of Tree Plantations	Nos	5050.00		
		5th Year maintenance				149.99
		AR	Ha	268.58		
		ANR	Ha	4492.71		

		ANR (WG)	Ha	93.17		
		Bald Hill	Ha	383.25		
		Canal Bank/Avenue Plantation	RKM/Nos	31.10		
		6th Year maintenance				25.91
		AR	Ha	174.48		
		ANR	Ha	1218.36		
		No. of Tree Plantations	Ha	640.00		
		Canal Bank/Avenue Plantation	RKM/Nos	7000 Nos		
		7th Year maintenance				63.20
		AR	Ha	75.81		
		ANR	Ha	2878.89		
		Bald Hill	Ha	152.00		
		No. of Tree Plantations	Nos	100.00		
		8th Year maintenance				54.10
		AR	Ha	401.90		
		ANR	Ha	2745.83		
		9th Year maintenance				27.77
		AR	Ha	170.61	*As per Project Proposal*	
		ANR	Ha	822.68		
		Canal Bank/Avenue Plantation	RKM/Nos	30.44		
		P.O. For 2024-25				5239.10
		AR	Ha	300.00		
		ANR	Ha	3000.00		
		Bald Hill	Ha	700.00		
		Total CA/ PCA/ CATP/ CA Others				**6681.43**
5		**Site Specific WL Management**	No	113 Sites		**8724.00**
6		**Implementation of Regional Wildlife Management Plan (RWLMP)**	LS			**2000.00**
Total CA, PCA, SZ, 1.5 SZ, CATP, SSWLP, RWLMP (80% NPV)						**21596.22**
		Plantation (Creation)				
1	*Rule 5(2)(a)*	**ANR Plantation (0th + 1st Year)**				
		Vanya Silk Pl. 500 pl/ha	Ha	1255	0.36415	457.01
		Fodder & Fruit Pl. @ 500 pl/ha	Ha	2445	0.36415	890.35

		ANR Gap RET/Medicinal @ 200 pl/Ha	Ha	7905	0.21034	1662.74
		Other Indigenous misc Species @ 500 pl/Ha	Ha	16969	0.36415	6179.26
		Total ANR		**28574**		**9189.35**
2	*Rule 5(2)(b)*	**AR Plantation (0th + 1st Year)**				
		AR Plantation economic @1600 Plants/Ha	Ha	73	1.20150	87.71
		AR Indigenous Species Plantation @1600 Plants/Ha	Ha	701	1.20150	842.25
		AR Indigenous Species Plantation @1000 Plants/Ha	Ha	341	0.92274	314.65
		Phasi Plantation @1600 Plants/Ha	Ha	48	1.20150	57.67
		River Rejuvenation Plantation @ 1600 Plants/Ha	Ha	190	1.20150	228.29
		Bald hill Plantation @ 1600 Plants/Ha	Ha	968	2.11688	2049.14
		Fooder & Fruit Pl @1600 Plants/Ha	Ha	189	1.20150	227.08
		Casuarina Plantation (in Protected Areas only) @ 2500 Plants/Ha	Ha	22	1.83265	40.32
		Mangrove Plantation @ 2500 Plants/Ha	Ha	5	0.98649	4.93
		Mangrove Plantation (Hypocotyle) @4445 Plants /Ha	Ha	15	0.37360	5.60
		Total AR Plantation		**2552**		**3857.65**
		Total Plantation (Creation)		**31126**		**13047.00**
		Maintenance of Plantation				
3	*Rule 5(2)(a)(b)*	**2nd Year Maintenance**				
		Vanya Silk Pl. @500 pl/ha	Ha	1807	0.10340	186.84
		Fodder & Fruit Pl. @ 500 pl/ha	Ha	2760	0.10340	285.38
		ANR Gap RET/Medicinal @ 200 pl/Ha	Ha	2402	0.07429	178.44
		other Indigenous misc Species @ 200 pl/Ha	Ha	44898	0.07429	3335.47

		AR Plantation economic @1600 Plants/Ha	Ha	190	0.35430	67.32
		AR Indigenous Species Plantation @1600 Plants/Ha	Ha	1235	0.35430	437.56
		AR Indigenous Species Plantation @1000 Plants/Ha	Ha	1050	0.30887	324.31
		Phasi Plantation @1600 Plants/Ha	Ha	85	0.35430	30.12
		River Rejuvenation Plantation @1600 Plants/Ha	Ha	80	0.35430	28.34
		Bald hill Plantation @ 1600 Plants/Ha	Ha	970	0.42712	414.31
		Fooder & Fruit Pl @1600 Plants/Ha	Ha	60	0.35430	21.26
		Casuarina Plantation (in Protected Areas only) @ 2500 Plants/Ha	Ha	157	0.76164	119.58
		Mangrove Plantation @ 2500 Plants/Ha	Ha	8	0.22070	1.77
		Mangrove Plantation (Hypocotyle) @ 4445 Plants /Ha	Ha	125	0.11848	14.81
		Total		**55827**		**5445.51**
		3rd year Maintenance				
		ANR Pl. @200 pl/Ha	Ha	35515	0.07118	2527.96
		AR Pl. @1600 pl/Ha	Ha	1490	0.28242	420.81
		Bald Hill @1600 pl/Ha	Ha	1326	0.26049	345.41
		Bamboo @400 pl/Ha	Ha	1370	0.18234	249.81
		Miyawaki @8000 pl/Ha	Ha	13	4.54094	59.03
		Fodder & Fruit @1600 pl/Ha	Ha	105	0.28242	29.65
		Casuarina @2500 pl/Ha	Ha	46.1	0.26050	12.01
		RET (with Gap) @200 pl/Ha	Ha	130	0.07118	9.25
		RET (without Gap) @200 pl/Ha	Ha	70	0.05245	3.67
		Total		**40065.1**		**3657.60**
		4th year Maintenance				
		ANR Pl. @200 pl/Ha	Ha	39900	0.05130	2046.87
		AR Pl. @1600 pl/Ha	Ha	1500	0.07312	109.68
		Bald Hill @1600 pl/Ha	Ha	875	0.23602	206.52
		Fodder & Fruit Pl. @1600 pl/Ha	Ha	385	0.07312	28.15

		Miyawaki @ 8000 pl/Ha	Ha	4	2.98331	11.93
		RET (with Gap) @200 pl/Ha	Ha	85	0.05130	4.36
		RET (without Gap) @200 pl/Ha	Ha	799	0.05130	40.99
				43548		**2448.50**
		Total Maintenance (2nd +3rd +4th year)		**139440.10**		**11551.61**
		Total Plantation (Creation+ Maintenance)				**24598.62**
4	*Rule 5(2) (a)(b)(g)*	**Ama Jangala Yojana**				
		Ama Jangala Yojana Phase-II (seedling to be planted during 2023-24 (3 months)	Nos	0.55 Cr	0.00006291	346.01
		Ama Jangala Yojana Phase-I (Maintenance of old Plantation)	Ha	69887	As per proposal	2375.00
		Total Ama Jangala Yojana				**2721.01**
5	*Rule 5(2) (c)*	Silvicultural Operation of Bamboo	Ha	95000	0.02664	2530.80
		Silvicultural Operation & maintenance of research garden	LS			250.00
		Total Silvicultural Operation				**2780.80**
6	*Rule 5(2) (d)*	**Protection**				
		Protection of Forest through consolidation by Geo Referencing of Notified Forest Block 13046.87 Sq.km and 3965.17 sq.Km of Revenue and Deemed Forest Area	LS			3000.00
		Protection of Forest through provisioning of mobility by hired vehicle (whole the year)	Nos	316	5.400000	1706.40
		Total Protection				**4706.40**
7	*Rule 5(2) (f)*	**Forest Fire Prevention and control Operations**				
		Fire Protection Rapid response teams involving community youth with hired vehicle for Fire	No.	213	7.24500	1543.19

		Protection (5 Months) (@ 4.995+2.25 Veh)				
		Creation and Maintenance of fire line	KM	19500	0.03330	649.35
		Procurement of Fire Blower including fuel and other accessories	Nos	306	0.65000	198.90
		Logistic support for fire squads	LS	213	0.85000	181.05
		Training on Forest Fire to the frontline Forest Staff	Nos	283	0.10000	28.30
		Awareness Campaign in the ranges	Nos	283	0.50000	141.50
		Fire Watch Tower	No.	10	20.0000	200.00
		Total Fire Prevention and Control Operations				**2942.29**
8	*Rule 5(2)(g)*	Soil and Moisture Conservation in Forest area	Ha	15427	0.35000	**5399.45**
		Total NPV 80% (General)				**43148.56**
		Wild Life Management				
9	*Rule 5(2)(d)*	**Protection and Anti-Depredation Activities**				
		Anti-depredation equipment's/ Tracking devices.	Nos.	84	4.000	336.00
		Boat patrolling for protection activities including POL, Wages and maintenance.		30	5.000	150.00
		Fencing and Erection of physical barriers like Solar Fencing, trench fencing, fencing of dugwell, ditches etc. and its maintenance including implementation of schemes like Jana Surakshya Gaja Rakshya etc.	Rkm	117.65	8.500	1000.00
		Human wildlife conflict mitigation through community participation schemes like Gajasathi in identified vulnerable ranges.	No.	1000	0.500	500.00

		Protection of Wildlife, its habitat and prevention of Wildlife Crime.				150.00
		Maintenance of Boundary of protected Areas.	Nos. & Rkm	480	0.250	120.00
		Protection and Anti-Depredation Activities (wildlife)				**2256.00**
10	*Rule 5(2)(f)*	**Forest Fire Prevention and Control operations (wildlife)**				
		Fire-fighting Squads including hired vehicle & it's fuel Rs.45000/- per month	Nos.	58	7.245	420.21
		Fire-fighting equipment's including Blowers along with fuel.	Nos.	100	0.650	65.00
		Logistics support for the firefighting squads.	Nos.	58	0.850	49.30
		Fire line Creation & maintenance.	KM	7000	0.033	233.10
		Construction of Fire Watch Tower.	Nos.	10	20.000	200.00
		Forest Fire Prevention and Control operations (wildlife)				**967.61**
11	*Rule 5(2)(i)*	**Wildlife Habitat Restoration and Improvement**				
		Creation of water body (40m x 30m x 3m)	Nos.	150	6.2000	930.00
		Maintenance of Water Body created during previous years.	Nos.	100	1.0000	100.00
		Plantation of Fruit Bearing and Fodder species around water bodies and maintenance thereof.	Nos	6350	0.0051	32.39
		Second year maintenance of plantation of Fruit & Fodder species around water bodies	Nos	1750	0.0020	3.50
		Third year maintenance of plantation of Fruit & Fodder species around water bodies	Nos	5500	0.0012	6.60
		Creation of meadows	Ha.	800	0.3000	240.00

		Maintenance of Meadow.	Ha.	750	0.1500	112.50
		Bamboo seedball/ rhizome plantation and aerial broadcasting of seeds to enrich elephant fodder availability.	LS			50.00
		Invasive weed eradication.	Ha	1000	0.1000	100.00
		Creation of ficus plantation with 18 months old seedlings.	Ha	100	1.2000	120.00
		Bamboo clump improvement through appropriate silviculture operation @ 8 mandays/ ha and treatment of 50 clumps/ha using appropriate silvicultural operation.	Ha	5000	0.0266	133.20
		Creation and maintenance of salt licks.	Nos.	100	0.5000	50.00
		Water Harvesting structure	Nos.	50	10.5000	525.00
		Black Buck Conservation				60.00
		Conservation and wet land management of migratory bird congregation areas outside PAs	LS			140.00
		Protection, assessment and monitoring of RET species and their habitat within and outside Protected Areas through community participation.	Nos.	90	21.8600	1967.40
		Wildlife Health Management including Cattle vaccination/ awareness and over 400 nos. of animal health camps.	LS	400	0.5000	200.00
		Wildlife Habitat Restoration and Improvement				**4770.59**
12	*Rule 5(2)(k)*	**Establishment, operation and maintenance of animal rescue centre and veterinary treatment facilities for wild animals:**				

		Maintenance of Nandankanan & Other Zoo.	LS			800.00
		Establishment of Rescue Centre and Veterinary treatment facilities and maintenance	LS			300.00
		Establishment, operation and maintenance of animal rescue centre and veterinary treatment facilities for wild animals:				**1100.00**
13	*Rule 5(2)(m)*	**Management of biological diversity and biological resources in PA areas.**				
		Biodiversity assessment of Protected Areas.	No.	5	1.000	5.00
		Monitoring, surveillance and protection of meta population of important wildlife species including RET species outside protected areas through local communities.	In Nos.	90	21.860	1967.40
		Management of biological diversity and biological resources.				**1972.40**
14	*Rule 5(2)(h)*	Relocation of Villages in Protected Areas	LS			**5000.00**
		Total Wildlife Management (NPV 80%)				**16066.60**
		80 % NPV (Gen+WL)				**59215.15**
20% NPV						
15	*Rule 5(3)*	Capacity Building of frontline forest Staff and other stake holders	LS			200.00
16	*Rule 5(3)(a)*	Improvement of Permanent Nursery				500.00
17	*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			800.00
18	*Rule 5(3)(d)*	**Construction & maintenance of Forest Roads /Path etc.**				
		Maintenance of Forest Road	K.M.	1147	0.69000	791.43
		Culvert	Nos	134	1.53000	205.02

		Sub Total (General)				**996.45**
19	*Rule 5(3) (e)*	**Construction of Residential /Office Building for frontline staff etc.**				
		Range Office	Nos	6	31.65000	189.90
		Range Officer Residence	Nos	4	24.52100	98.08
		Forester Qtrs.	Nos	50	20.38900	1019.45
		IV - Forester Qtrs.	Nos	6	20.38900	122.33
		Forest Guard Qtrs.	Nos	180	16.29000	2932.20
		IV-Forest Guard Qtrs.	Nos	6	16.29000	97.74
		Seizure Yard	Nos	20	12.00000	240.00
		Total Construction of Residential....				**4699.71**
20	*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	16.77198	3807.24
21	*Rule 5(3) (g)*	Survey & Mapping of Forest Areas to create Land Bank for Compensatory Afforestation	LS			173.00
22	*Rule 5(3) (h)*	Monitoring & Evaluation including 3rd party monitoring	LS			250.00
23	*Rule 5(3) (i)*	Publicity Awareness including setting up of Forest Museum	LS			500.00
		Total NPV 20% (General)				**11926.40**
		Wild Life Management				
24	*Rule 5(3) (c)*	**Equipment/ Devices for Communication & IT activity**				
		Installation of VHF base station and maintenance thereof including satellite tracking.	Nos	200	1.50000	300.00
		Equipments for monitoring of wild animals and the protection activities.	Nos	100	5.00000	500.00
		Communication and information Technology, data	LS			150.00

		analysis and data managing etc.				
		Equipment/ Devices for Communication & IT activity				**950.00**
25	*Rule 5(3) (d)*	**Construction & maintenance of Forest Roads/ Path/ Anti-poaching Barrack/ F. JT etc.**				
		Maintenance of Forest Road/ Inspection path	KM	1000	0.69000	690.00
		Anti-poaching Barrack.	Nos	10	20.00000	200.00
		Floating Jetty.	Nos	4	15.00000	60.00
		Construction & maintenance of Forest Roads /Path /Anti-poaching Barrack/ F.JT etc.				**950.00**
26	*Rule 5(3) (i)*	Publicity Awareness	**LS**			100.00
		20 % NPV (WL)				**2000.00**
		20% NPV (Gen+WL)				**13926.40**
		Total (80% + 20%) NPV				**73141.55**
		Utilization of Interest Money				
		60 % of Interest Money				
27	*Rule 6(a) (i)(ii)(iii)*	**Escalation of program cost due to revision of wage rate**	**LS**			**200.00**
28	*Rule 6(a) (vi)*	Maintenance of 18 months seedling to be planted during 2023-24 (3 months)	Nos	1.88 Cr	0.000063	1183.00
		Maintenance of 18 months seedling to be planted during 2024-25 (12 months)	Nos	2 Cr	0.000468	9352.00
		Raising of 18 months seedling to be planted during 2025-26 (3 months)	Nos	2 Cr	0.000106	2122.00
		Total maintenance Raising Seedlings...				**12657.00**
		Total 60 % of interest funds				**12857.00**
		40 % of Interest Money				
29	*Rule 6(b) (i)*	Management of office establishment of State Authority	LS			300.00
30	*Rule 6(b) (vi)*	State Forest Academy	LS			500.00
		Charges for consumption of internet data etc. and	LS			200.00

		other contingency of State Authority				
		Total 40% of interest funds				**1000.00**
Total Interest (60% + 40%)						**13857.00**
Grand Total (80% + 20%) NPV + CA+ SSWL+ interest						**108594.77**

6. <u>Approval of Annual Financial Statement of State Authority for APO 2009-10 to 2016-17.</u>

As per guidelines of National Authority financial statement of State Authority CAMPA has been prepared by CAG empanelled chartered accountants for the period 2009-10 to 2016-17. Annual Financial Statement of State Authority CAMPA from the period 2009-10 to 2016-17 has been prepared and the Year wise Receipt and Expenditure was presented as below:

(Rs. in Lakhs)

YEAR	OPENING BALANCE	RECEIPTS	EXPENDITURE & ADVANCES	CLOSING BALANCE
2009-10	0.00	13106.18	6213.42	6892.76
2010-11	6892.76	14017.53	12224.22	10752.33
2011-12	10752.33	16602.10	14817.98	16774.30
2012-13	16774.30	21589.44	11880.14	31388.52
2013-14	31388.52	0.00	18563.91	17143.21
2014-15	17143.21	18000.00	27780.65	13381.75
2015-16	13381.75	32200.00	47395.34	5872.41
2016-17	5872.41	42968.49	59813.93	2801.52

The Annual Financial Statement of State Authority, CAMPA Odisha audited for the year 2009-10 to 2016-17 which was scrutinized by the Executive Committee in its 19th Meeting, was presented before the State Level Steering Committee for approval and the committee approved the same as per the mandate of A.G., Odisha.

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

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

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LIST OF PARTICIPANTS

(629
Annexure-I
By Email

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ANNEXURE OF
SITE WISE DETAILS

Division Wise Compensatory Afforestation Plantation and year-wise maintenance

First Year CA,PCA,ACA to be taken up during 2023-24

Sl No.	Name of the Division	Name of the Project	Component	Target of CA In Ha					Funds required for first year operation to be carried out during 2023-24 @ Rs.333/- MD									CA Plantation Model as per approved scheme
				AR	ANR	ANR without Plantation	Bald Hill	Total	AR 1600 Plants without Fencing 40505.01 per Ha	AR 1000 Plants without Fencing 29992.20 per Ha	ANR 200 Plants @ 24693.27 per Ha	ANR 400 Plants @ 35480.34 per Ha	ANR 600 Plants @ 45221.61 per Ha	ANR 800 Plants @ 54911.23 per Ha	ANR without Gap @ 15559.95 per Ha	Bald Hill 1600 Plants without Fencing @ 102413.01	Total	
1	Keonjhar	Diversion of 61.534 ha forest land in Baitarani Iron Mines of Dr Sarojini Pradhan	CA	42.584	15.000			57.584	1724865.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1724865.35	AR with 1600 without fencing 42.584 ha +ANR with 200 plant 15 ha
			PCA		30.090			30.090			743020.49						743020.49	ANR with 200 plant
2	Keonjhar	Diversion of 76.7206 ha forest land in Gandhamardan Block-A Iron Mines of M/s OMC Ltd.	CA	70.000	6.7206			76.7206	2835350.70			238449.17					3073799.87	ANR with 400 plant
3	Keonjhar	Diversion of 345.189 ha forest land in Khandabandh Iron Mines of M/s OMC Ltd.	ACA		104.3			104.300			0.00	3700599.46					3700599.46	ANR with 400 plant
			CA		159.68			159.680				3463661.75		3407681.11			6871342.86	ANR with 800 plant 62.058 ha + ANR with 400 plants 97.622 ha
4	Keonjhar	Diversion of 3.665 ha forests lands for construction of 33 kV DC Transmission line from MRSS, Joda to Khandbond Mines by M/s Tata Steel Ltd	CA			3.700		3.700			0.00				57571.82		57571.82	ANR without Gap plantation
			ACA		11.000			11.000				390283.74			0.00		390283.74	ANR with 400 plants
5	Keonjhar	Diversion of 4.68 ha forest land for Conveyor Corridor from Khondbond Iron Ore Mine to Railway Siding of Joda East Iron Ore Mine by M/s Tata Steel Ltd.	CA			4.68		4.680			0.00				72820.57		72820.57	ANR without Gap plantation
			ACA		10.00			10.000					452216.10				452216.10	ANR with 600 plants
6	Keonjhar	Diversion of 22.368 ha forest land for 33 kv power transmission line from	CA	8.0557	36.6803			44.7360		241608.17		1301429.52					1543037.68	ANR with 400 plants 36.6803 ha +AR with 1000 plants without fencing 8.0557 ha

		Jaroli sub station to PMPL Plant site at Basantapur of Essel Mining & Industries Ltd.															
		Total Keonjhjar Division		**120.640**	**373.471**	**8.380**	**0.000**	**502.491**	**4560216.05**	**241608.17**	**743020.49**	**9094423.64**	**452216.10**	**3407681.11**	**130392.38**	**0.00**	**18629557.94**	
7	Bonai	Diversion of 37.146 ha forest land in Segasahi iron Mines of M/s National Enterprises	CA		37.146			37.146			917256.21						917256.21	ANR with 200 plants
		Total Bonail Division		**0**	**37.146**	**0**	**0**	**37.146**	**0.00**	**0.00**	**917256.21**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**917256.21**	
8	Cuttack	Diversion of 4.232ha of forest land for construction of Nirgundi-Bhadrak 3rd line Railway Project, Phase-I(0-14km)	CA	9.000				9.000		269929.80	0.00						269929.80	AR with 1000 plants without fencing
		Total Cuttack Division		**9.000**	**0.000**	**0.000**	**0.000**	**9.000**	**0.00**	**269929.80**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**269929.80**	
9	Dhenkanal	Diversion of 24.188ha of forest land for construction of Budhapank-Salegaon 3rd & 4th Railway line Project, (0-85km)	CA	48.500				48.500	1964492.99		0.00						1964492.99	AR with 1600 plant without Fencing
		Total Dhenkanal Division		**48.500**	**0.000**	**0.000**	**0.000**	**48.500**	**1964492.99**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1964492.99**	
10	Kalahandi South	Diversion of 85.175 ha forest land and rediversion of 1.304 ha for construction of overhead piped conveyor belt from Kurmitar ML boundary	CA				85.175	85.175			0.00					8723028.13	8723028.13	Bald Hill 1600 plants without fencing
11	Kalahandi South	Diversion of 183.218 ha forest land in Bansapani Iron Mines of M/s OMC Ltd.	CA		13.423	16.63	153.165	183.218				476252.60			258761.97	15686088.68	16421103.25	Bald Hill without fencing 106.051 ha+47.114 ha,ANR 400 plants 13.423 ha, ANR without Gap 6.288 ha+10.342 ha
12	Kalahandi South	Diversion of 345.189 ha forest land in	CA			51.275	134.234	185.509			0.00				797836.44	13747307.98	14545144.42	Bald Hill without fencing 134.234 ha + ANR without Gap

		Khandabandh Iron Mines of M/s OMC Ltd.																51.275 ha
13	Kalahandi South	Diversion of 0.99 ha forest land for Upper Indravati Pump Storage Hydro Project	CA		51.3			51.300			1266764.75						1266764.75	ANR with 200 plants
14	Kalahandi South	Diversion of 401.7824 ha forest land including 7.2807 ha SZ in Gandhamardan A Iron Mmines of M/s OMC Ltd.	CA				219.1804	219.180			0.00					22446924.50	22446924.50	Bald Hill 1600 plants without fencing
					58.859			58.859						3232020.09			3232020.09	ANR with 800 plants
					77.743			77.743				2758348.07					2758348.07	ANR with 400 plants
						46.000		46.000			0.00				715757.70		715757.70	ANR without Gap plantation
		Total Kalahandi South Division		**0**	**201.325**	**113.905**	**591.7544**	**906.9844**	**0.00**	**0.00**	**1266764.75**	**3234600.68**	**0.00**	**3232020.09**	**1772356.10**	**60603349.28**	**70109090.90**	
15	Sambalpur	4-laning of Teleibani Sambalpur Section of NH-6 (Km.493.300 to Km.518.800 and Km.545.176 to Km.567.400)	CA		55.000			55.000				1951418.70					1951418.70	ANR with 400 plants
			ACA		55.000			55.000					2487188.55				2487188.55	ANR with 600 plants
		Total Sambalpur Division		**0.000**	**110.000**	**0.000**	**0.000**	**110.000**	**0.00**	**0.00**	**0.00**	**1951418.70**	**2487188.55**	**0.00**	**0.00**	**0.00**	**4438607.25**	
16	Rairangpur	Diversion of 2.696 ha forest land for laying 400 KVDC Kharagpur to Chaibasa transmission line by M/s Purulia & Kharagpur Transmission Complany Ltd.	CA	5.392				5.392	323425.69		0.00						323425.69	AR with 1600 plants with fencing @ 59982.51
		Total Rairangpur Division		**5.392**	**0**	**0**	**0**	**5.392**	**323425.69**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**323425.69**	
17	Boudh	Diversion of 94.656 ha forest land for construction of 765 KVDC transmission line from Kenapali to Raipur by OGPTL	CA		190.000			190.000						10433133.70			10433133.70	ANR with 800 plants
18	Boudh	Diversion of	CA	0.000	40.000			40.000						2196449.20			2196449.20	ANR with 800

		30.134 ha forest land for construction of 400 KVDC transmission line from OPGC Banharpali IB Thermal Power Plant to Switchyard at Kenapali by OPGC															plants
		Total Boudh Division		**0.000**	**230.000**	**0.000**	**0.000**	**230.000**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**12629582.90**	**0.00**	**0.00**	**12629582.90**	
19	Bargarh	Diversion of 7.054 ha forest land for construction of Ranjore Medium Irrigation Project	CA		7.054			7.054						387343.82			387343.82	ANR with 800 plants
			ACA		2.530			2.530					114410.67				114410.67	ANR with 600 plants
		Total Bargarh Division		**0.000**	**9.584**	**0.000**	**0.000**	**9.584**	**0.00**	**0.00**	**0.00**	**0.00**	**114410.67**	**387343.82**	**0.00**	**0.00**	**501754.49**	
20	Jharsuguda	Diversion of 5.973 ha forest land for construction of 400 KV D/C tarnsmission line from LILO point at Bhasma to PGCIL Pooling station at Kenapali by M/s Vedanta Ltd.	CA	6.300				6.300	255181.56		0.00						255181.56	AR with 1600 plant without Fencing
21	Jharsuguda	Diversion of 30.134 ha forest land for construction of 400 KVDC transmission line from OPGC Banharpali IB Thermal Power Plant to Switchyard at Kenapali by OPGC	CA	0.000	11.000			11.000				390283.74					390283.74	ANR with 400 plants
		Total Jharsuguda Division		**6.300**	**11.000**	**0.000**	**0.000**	**17.300**	**255181.56**	**0.00**	**0.00**	**390283.74**	**0.00**	**0.00**	**0.00**	**0.00**	**645465.30**	
22	Rayagada	Diversion of 5.858 ha forest land for construction of 3rd Railway line between	CA				12.000	12.000			0.00					1323897.12	1323897.12	Bald Hill 1600 plants with fencing @ 110324.76

		Vizianagaram to Titlagarh under East Coast Railway by Rail Vikas Nigam Limited.															
		Total Rayagada Division		**0.000**	**0.000**	**0.000**	**12.000**	**12.000**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1323897.12**	**1323897.12**	
23	Khurdha	Centers of Excellence ,AIIMS Bhubaneswar	CA	10.58				10.580	428543.01		0.00						428543.01	AR 1600 plants without fencing
		Total Khurdha Division		**10.58**	**0**	**0**	**0**	**10.58**	**428543.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**428543.01**	
24	Nayagarh	Diversion of 13.78 ha forest land for construction of Kaliamba MIP	CA		13.78			13.780			340273.26						340273.26	ANR with 200 plants
25	Nayagarh	Diversion of 4.00 ha forest land for construction of Bhalujhar MIP	CA		4.000			4.000			98773.08						98773.08	ANR with 200 plants
		Total Nayagarh Division		**0.000**	**17.780**	**0.000**	**0.000**	**17.780**	**0.00**	**0.00**	**439046.34**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**439046.34**	
26	Chandaka WL	Diversion of 10.183 ha forest land for construction of 200 feet master plan road from Railvihar-Hatiasuni-Ekamrakanan Park	CA	10.372				10.372	420117.96		0.00						420117.96	AR with 1600 planta without Fencing
		Total Chandaka WL Division		**10.372**	**0**	**0**	**0**	**10.372**	**420117.96**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**420117.96**	
		Grand Total		**210.784**	**990.306**	**122.285**	**603.754**	**1927.129**	**7951977.26**	**511537.97**	**3366087.79**	**14670726.76**	**3053815.32**	**19656627.91**	**1902748.49**	**61927246.40**	**113040767.90**	

First Year Other Stipulation to be taken up during 2023-24

Sl No.	Name of the Division	Name of the Project	Other Stipulation	AR (In ha)	ANR (In HA)	No Plantation (In Ha)	Total In Ha)	Tall Tree Plantation	AR 1600 Plants without Fencing 40505.01 per Ha	ANR 200 Plants @ 24693.27 per Ha	ANR 400 Plants @ 35480.34 per Ha	ANR 800 Plants @ 54911.23 per Ha	ANR without Gap @ 15559.95 per Ha	Tall Tree Plantation @ 226236.15 for 1000 sapling	Total	Plantation Model as per approved scheme
1	Keonjhar	Diversion of 61.534 ha forest land in Baitarani Iron Mines of Dr Sarojini Pradhan	Safety Zone	3.863	0	0	3.863	0	156470.85	0.00	0.00	0.00	0.00	0.00	156470.85	AR with 1600 plants without fencing
			1.5 Safety Zone	5.7945	0	0	5.7945	0	234706.28	0.00		0.00	0.00	0.00	234706.28	AR with 1600 plants without

																fencing
2	Keonjhar	Diversion of 345.189 ha forest land in Khandabandh Iron Mines of M/s OMC Ltd.	1.5 Safety Zone	0	10.38	0	10.38	0	0.00	0.00	368285.93	0.00	0.00	0.00	368285.93	ANR with 400 plants
			Gap Plantation	0	16.136	0	16.136	0	0.00	0.00	572510.77	0.00	0.00	0.00	572510.77	ANR with 400 plants
3	Keonjhar	Diversion of 183.218 ha forest land in Bansapani Iron Mines of M/s OMC Ltd.	1.5 Safety Zone	0	19.575	0	19.575	0	0.00	0.00	694527.66	0.00	0.00	0.00	694527.66	ANR with 400 plants
4	Keonjhar	Diversion of 3.665 ha forests lands for construction of 33 kV DC Transmission line from MRSS, Joda to Khandbond Mines by M/s Tata Steel Ltd	Dwarf Tree Plantation	0	2.199	0	2.199	0	0.00	54300.50	0.00	0.00	0.00	0.00	54300.50	ANR Plantation
5	Keonjhar	Diversion of 22.368 ha forest land for 33 kv power transmission line from Jaroli sub station to PMPL Plant site at Basantapur of Essel Mining & Industries Ltd.	Dwarf Tree Plantation	0	4.491	0	4.491	0	0.00	110897.48	0.00	0.00	0.00	0.00	110897.48	ANR Plantation
		Total Keonjhjar Division		**9.6575**	**52.781**	**0**	**62.4385**	**0**	**391177.13**	**165197.98**	**1635324.35**	**0.00**	**0.00**	**0.00**	**2191699.46**	
6	Bonai	Diversion of 37.146 ha forest land in Segasahi iron Mines of M/s National Enterprises	Safety Zone	3.998	0	0	3.998	0	161939.03	0.00	0.00	0.00	0.00	0.00	161939.03	AR with 1600 plants without fencing
			1.5 Safety Zone	5.997	0	0	5.997	0	242908.54	0.00	0.00	0.00	0.00	0.00	242908.54	AR with 1600 plants without fencing
			Soil & Water Conservation	0	0	31.749	31.749	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	No Plantation
			Protection & Assisted Regeneration of Medhamaruni RF	0	100	0	100	0	0.00	2469327.00	0.00	0.00	0.00	0.00	2469327.00	ANR with 200 plants
			Maintenance & enrichment of vegetative coverGreen cover	5.397	0	0	5.397	0	218605.54	0.00	0.00	0.00	0.00	0.00	218605.54	AR with 1600 plants without fencing
		Total Bonail Division		**15.392**	**100**	**31.749**	**147.141**	**0**	**623453.11**	**2469327.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3092780.11**	
7	Sundargarh	Diversion of 94.656 ha forest land for construction of 765 KVDC transmission line from Kenapali to Raipur by OGPTL	Dwarf Tree Plantation	0	66.396	0	66.396	0	0.00	0.00	852060.37	2327192.84	0.00	0.00	3179253.20	ANR with 400 plants over 24.015 ha & ANR with 800 plants over 42.381 ha
8	Sundargarh	Diversion of 5.973 ha forest land for construction of 400 KV D/C tarnsmission line from LILO point at Bhasma to PGCIL Pooling station at Kenapali by M/s Vedanta Ltd.	Dwarf Tree Plantation	0	4.606	0	4.606	0	0.00	0.00	0.00	252921.13	0.00	0.00	252921.13	ANR with 800 plants
9	Sundargarh	Diversion of 30.134 ha forest land for construction of 400 KVDC transmission line from OPGC Banharpali IB Thermal Power Plant to Switchyard at Kenapali by OPGC	Dwarf Tree Plantation	8.302	6.738	0	15.04	0	336272.59	0.00	239066.53	0.00	0.00	0.00	575339.12	ANR with 400 plants
		Total Sundargarh		**8.302**	**77.74**	**0**	**86.042**	**0**	**336272.59**	**0.00**	**1091126.90**	**2580113.96**	**0.00**	**0.00**	**4007513.45**	

		Division														
10	Athgarh	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	7.63	57.773	0	65.403	0	309053.23	1426604.29	0.00	0.00	0.00	0.00	1735657.51	ANR with 200 plants
		Total Athgarh Division		**7.63**	**57.773**	**0**	**65.403**	**0**	**309053.23**	**1426604.29**	**0.00**	**0.00**	**0.00**	**0.00**	**1735657.51**	
11	Rairangpur	Diversion of 2.696 ha forest land for laying 400 KVDC Kharagpur to Chaibasa transmission line by M/s Purulia & Kharagpur Transmission Complany Ltd.	Dwarf Tree Plantation	2.696	0	0	2.696		109201.51	0.00	0.00	0.00	0.00	0.00	109201.51	AR with 1600 plants without fencing
		Total Rairangpur Division		**2.696**	**0**	**0**	**2.696**	**0**	**109201.51**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**109201.51**	
12	Jharsuguda	Diversion of 30.134 ha forest land for construction of 400 KVDC transmission line from OPGC Banharpali IB Thermal Power Plant to Switchyard at Kenapali by OPGC	Dwarf Tree Plantation	0	11.904	0	11.904		0	0	422357.97	0.00	0.00	0.00	422357.97	ANR with 400 plants
		Total Jharsuguda Division		**0**	**11.904**	**0**	**11.904**	**0**	**0.00**	**0.00**	**422357.97**	**0.00**	**0.00**	**0.00**	**422357.97**	
13	Chandaka WL	Diversion of 10.183 ha forest land for construction of 200 feet master plan road from Railvihar-Hatiasuni-Ekamrakanan Park	Avenue Plantation	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	As reported by DFO Chandaka WL Avenue plantation over 7.16 RKM could not be taken up this year.
			2 time tree plantation	0	0	0	0	86 Nos	0.00	0.00	0.00	0.00	0.00	19456.31	19456.31	Tall Tree Plantation
		Total Chandaka WL Division		**0**	**0**	**0**	**0**	**86 Nos**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**19456.31**	**19456.31**	
		Grand Total		**43.6775**	**300.198**	**31.749**	**375.6245**	**86 Nos**	**1769157.57**	**4061129.26**	**3148809.21**	**2580113.96**	**0.00**	**19456.31**	**11578666.33**	

Stipulation aganst Exploratory Drilling to be taken up during 2023-24

Sl No	Name of the Division	Name of the Project	Tall Tree Plantation		CA (In Ha)	AR 1600 Plants without Fencing 40505.01 per Ha	ANR 200 Plants @ 24693.27 per Ha	ANR with 500 plants @ Rs. 56575/- per ha	Bald Hill 1600 Plants without Fencing @ 102413.01	Tall Tree Plantation @ 226236.15 for 1000 sapling	Total Plantation Cost (In Rs)	Other Activities as per approved Scheme (In Rs)				Grand Total (In Rs)
			In Nos	In Ha								Fencing		Other		
1	Rayagada	Prospecting of Minerals in forest land over 0.738 ha in Majhingamali Bauxite Mines undertaking 41 boreholes by M/s OMCEL ltd.	1100	0	0	0.00			0.00	248859.77	248859.77	Barbedwire Fencing	1197880.00	EPA	210561.00	1657300.77
		Total Rayagada	**1100**	**0**	**0**	**0.00**	**0.00**	**0.00**	**0.00**	**248859.77**	**248859.77**	**0**	**1197880.00**	**0**	**210561.00**	**1657300.77**
2	Keonjhar	Prospecting of Minerals in forest land over 28.946 ha in Serenda-Bhadrasahi Iron & n mining lease for undertaking 190 boreholes of 4" dia by M/s OMC ltd.	20900	0	0	0.00				4728335.54	4728335.54	Wire mesh fencing	1239960.00		3037715.00	9006010.54
3	Keonjhar	Prospecting of Minerals in forest land over 4.643 ha in Balda-Palsa-Jajang Iron ore mining lease for	7260		0	0.00				1642474.45	1642474.45	Wire mesh fencing	697612.00	EPA	1095240.00	3435326.45

		undertaking 66 boreholes of 4" dia by M/s OMC ltd.														
4	Keonjhar	Prospecting of Minerals in forest land over0.684 ha in Jajanga Manganese ore mining lease for undertaking 07 boreholes of 4" dia by M/s OMC ltd.	0	0.481	0	19482.91					19482.91	Fencing	246567.00			266049.91
5	Keonjhar	Prospecting of Minerals in forest land over 15.234 ha in Thakurani Block A Iron ore mining lease for undertaking 113 boreholes of 4" dia by M/s IDCOL ltd.		8.00	0	324040.08				0.00	324040.08	Chain link mesh fencing	1334987.00	Water provision to plantation	1699552.00	3358579.08
														Uprooting weeds	400000.00	400000.00
6	Keonjhar	Prospecting of Minerals in forest land over 1.439 ha in Thakurani Iron ore block for undertaking 24 boreholes of 4" dia by M/s OMCEL ltd.		1.65	0	66833.27					66833.27	Chain link mesh fencing	329344.00	Water provision to plantation	350533.00	746710.27
		Total Keonjhar Division	**28160**	**10.131**	**0**	**410356.26**	**0.00**	**0.00**	**0.00**	**6370809.98**	**6781166.24**	**0**	**3848470.00**	**0**	**6583040.00**	**17212676.24**
7	Bonai	Prospecting of Minerals in forest land over 6.478 ha in Khandadhar A Block for undertaking 36 boreholes of 4" dia by M/s OMECL ltd.	0	16.5	0	0.00	407438.96			0.00	407438.96	Bamboo twig fencing	1731939.00	SMC	617348.00	2756725.96
														Water provision to plantation	3857469.00	3857469.00
8	Bonai	Prospecting of Minerals in forest land over 8.716 ha in Khandadhar D Block for undertaking 63 boreholes of 4" dia by M/s OMECL ltd.		13.86		0.00		784129.50		0.00	784129.50	Bamboo twig fencing	1454829.00	SMC	518572.00	2757530.50
														Water provision to plantation	3240274.00	3240274.00
9	Bonai	Prospecting of Minerals in forest land over10.491 ha in Khandadhar C Block for undertaking 70 boreholes of 4" dia by M/s OMECL ltd.		15.4		0.00		871255.00		0.00	871255.00	Bamboo twig fencing	1616476.00	SMC	576191.00	3063922.00
														Water provision to plantation	3600304.00	3600304.00
10	Bonai	Prospecting of Minerals in forest land over 4.912 ha in Khandadhar B Block for undertaking 39 boreholes of 4" dia by M/s OMECL ltd.		21.45	0	0.00	529670.64			0.00	529670.64	Bamboo twig fencing	2251521.00	SMC	802552.00	3583743.64
														Water provision to plantation	5014710.00	5014710.00
11	Bonai	Prospecting of Minerals in forest land over0.633 ha in Mandajoda Iron & Manganese ore mining lease for undertaking 9 boreholes of 4" dia by M/s OMC ltd.		4.95	0	0.00	122231.69			0.00	122231.69	Bamboo twig fencing	519582.00	SMC	185204.00	827017.69
														Water provision to plantation	1157241.00	1157241.00
12	Bonai	Prospecting of Minerals in forest land over0.442 ha in Dalita Manganese ore mining lease for undertaking 4 boreholes of 4" dia by M/s OMC ltd.		2.20	0	0.00	54325.19			0.00	54325.19	Bamboo twig fencing	230925.00	SMC	82313.00	367563.19
							0.00							Water provision to plantation	514329.00	514329.00
13	Bonai	Prospecting of Minerals in forest land over 5.493 ha in Lashi Manganese ore mining lease for		22.00	0	0.00	543251.94			0.00	543251.94	Bamboo twig fencing	2309252.00	SMC	823130.00	3675633.94

13	Bonai	Prospecting of Minerals in forest land over 5.493 ha in Lashi Manganese ore mining lease for undertaking 40 boreholes of 4" dia by M/s OMC ltd.		22.00	0	0.00	543251.94			0.00	543251.94	Bamboo twig fencing	2309252.00	SMC	823130.00	3675633.94
														Water provision to plantation	5143292.00	5143292.00
		Total Bonai Division	**0**	**96.36**	**0**	**0.00**	**1656918.42**	**1655384.50**	**0.00**	**0.00**	**3312302.92**	**0**	**10114524.00**	**0**	**26132929.00**	**39559755.92**
14	Chandaka WL	Prospecting of Minerals in forest land over 5.183 ha in Talabasta Fireclay lease for undertaking 34 boreholes of 4" dia by M/s OMCEL ltd.	0	2.338		94700.71				0.00	94700.71	Bamboo twig fencing	280469.00	SMC	87476.00	462645.71
														Water provision to plantation	496694.00	496694.00
		Total Chandaka WL Division	**0**	**2.338**	**0**	**94700.71**	**0.00**	**0.00**	**0.00**	**0.00**	**94700.71**	**0**	**280469.00**	**0**	**584170.00**	**959339.71**
15	Kalahandi South	Prospecting of Minerals in forest land over 28.946 ha in Serenda-Bhadrasahi Iron & n mining lease for undertaking 190 boreholes of 4" dia by M/s OMC ltd.	0		11.966				1225474.08	0.00	1225474.08	Chain link mesh fencing	4205041.00			5430515.08
16	Kalahandi South	Prospecting of Minerals in forest land over 7.54 ha in PL Block I (Chromite) for undertaking122 boreholes of 4" dia by M/s OMC ltd.	0		5.10				522306.35	0.00	522306.35	Barbedwire Fencing	356160.00			878466.35
17	Kalahandi South	Prospecting of Minerals in forest land over 5.782 ha in PL Block II (Chromite) for undertaking 95 boreholes of 4" dia by M/s OMC ltd.	0		3.882				397567.30	0.00	397567.30	Barbedwire Fencing	566926.00			964493.30
18	Kalahandi South	Prospecting of Minerals in forest land over 4.643 ha in Balda-Palsa-Jajang Iron ore mining lease for undertaking 66 boreholes of 4" dia by M/s OMC ltd.	0		3.323	134598.15				0.00	134598.15	Wire mesh fencing	1463114.00	SMC +SD	901200.00	2498912.15
19	Kalahandi South	Prospecting of Minerals in forest land over6.699 ha in Parulipada Manganese ore mining lease for undertaking 97 boreholes of 4" dia by M/s OMC ltd.	0		4.759				487383.51	0.00	487383.51	Barbedwire Fencing	425364.00			912747.51
20	Kalahandi South	Prospecting of Minerals in forest land over 7.94 ha in Dalki Iron ore mining lease for undertaking 59 boreholes of 4" dia by M/s OMC ltd.	0		6.76				692311.95	0.00	692311.95	Barbedwire Fencing	398141.00			1090452.95
		Total Kalahandi South Division	**0**	**0**	**35.79**	**134598.15**	**0.00**	**0.00**	**3325043.20**	**0.00**	**3459641.34**		**7414746.00**		**901200.00**	**11775587.34**
		Grand Total	**29260**	**108.829**	**35.79**	**639655.12**	**1656918.42**	**1655384.50**	**3325043.20**	**6619669.75**	**13896670.98**		**22856089.00**		**34411900.00**	**71164659.98**

First Year CATP to be taken up during 2023-24

Sl No.	CA Division	Name of the Project	Components	Amount in Rs.
1	Bargarh	Diversion of 7.054 ha forest land for construction of Ranjore Medium Irrigation Project	90 ha AR with 1600 plants with fencing @ 59982.51	5398425.90
			Fodder Development 10 ha	1870000
			Loose boulder 15 Nos	73431
			Earthern Check Dam 15 Nos	0
			Awareness Campaining	0
			Micro Planing	304000
			Contingency	320000
			Adminstrative expenditure	807000
			Total	**8772856.90**
2	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 5 ha @ Rs. 40505.01 per Ha	202525.05
			ANR with 200 plants 40 ha @ Rs.24693.27 per Ha	987730.8
			Barbedwire Fencing 1.6 Km	1035410
			Loose boulder Wall	61020
			Masonery Stone Check dam	252350
			EPA	200000
			Total	**2739035.85**
			Grand Total	**11511892.75**

Ancillary Activities to be taken with Other Stipulations(As per approved scheme) during 2023-24																
Sl No.	Name of the Division	Name of the Project	Type pf Plantation	Amount Required (In Rs.)												
				Barbedwire Fencing		Chainlink mesh fencing		Other Type Fencing		Total SMC	EPA	M & E	Others		Total
				Length	Amount	Length	Amount	Type	Amount				Item	Amount	
1	Keonjhar	Diversion of 61.534 ha forest land in Baitarani Iron Mines of Dr Sarojini Pradhan	1.5 SZ 5.7945	275 Rmt	719052					715000	425722		Fire Watcher	49950	1909724
			SZ 3.863	5.151 Km	3468014					3056202	1140514		Fire Watcher	49950	7714680
2	Keonjhar	Diversion of 345.189 ha forest land in Khandabandh Iron Mines of M/s OMC Ltd.	1.5 SZ 10.38 ha					Bamboo twig fencing	303928	419663	37368				760959
			Gap Plantation16.163 ha					Bamboo twig fencing	1025352	652378	58090				1735820
3	Keonjhar	Diversion of 183.218 ha forest land in Bansapani Iron Mines of M/s OMC Ltd.	1.5 SZ 19.575 ha					Bamboo twig fencing	400289	791417	70470				1262176
4	Keonjhar	Diversion of 3.665 ha forests lands for construction of 33 kV DC Transmission line from MRSS, Joda to Khandbond Mines by M/s Tata Steel Ltd	Dwarf tree plantation 2.199 ha							41033					41033
5	Keonjhar	Diversion of 22.368 ha forest land for 33 kv power transmission line from Jaroli sub station to PMPL Plant site at Basantapur of Essel Mining & Industries Ltd.	Dwarf tree plantation 4.191 ha							84880					84880
		Total Keonjhjar Division			**4187066**		**0**		**1729569**	**5760573**	**1732164**	**0**		**99900**	**13509272**
6	Bonai	Diversion of 37.146 ha forest land in Segasahi iron Mines of M/s National Enterprises	Safety Zone 3.998 ha	5.2 Km	3900000										3900000
			1.5 SZ 5.997 ha	1.5 Km	1125000					212834					1337834
			Soil & Water Conservation							1727287			Sowing grass seed	60000	1787287
			Protection & Assisted Regeneration of Medhamaruni RF 100 Ha							4196000			Silivicultural operation	1339011	5535011
													Survey	336400	336400
			Maintenance & enrichment of vegetative coverGreen cover 5.397 ha	0.980Km	735000					191540					926540
		Total Bonail Division			**5760000**	**0**	**0**	**0**	**0**	**6327661**	**0**	**0**	**0**	**1735411**	**13823072**
7	Sundargarh	Diversion of 94.656 ha forest land for construction of 765 KVDC transmission line from Kenapali to Raipur by OGPTL	Dwarf Tree Plantation 66.396 ha					Bamboo twig fencing	9567450						9567450
8	Sundargarh	Diversion of 5.973 ha forest land for construction of 400 KV D/C tarnsmission line from LILO point at Bhasma to PGCIL Pooling station at Kenapali by M/s Vedanta Ltd.	Dwarf Tree Plantation 4.606 ha	4.23 RKm	2835516										2835516
9	Sundargarh	Diversion of 30.134 ha forest land for construction of 400 KVDC transmission line from OPGC Banharpali IB Thermal Power Plant to Switchyard at Kenapali by OPGC	Dwarf Tree Plantation 15.04 ha					Bamboo twig fencing	2702025						2702025
		Total Sundargarh Division			**2835516**	**0**	**0**	**0**	**12269475**	**0**	**0**	**0**	**0**	**0**	**15104991**
10	Athgarh	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.	Dwaef Tree Plantation 65.403 ha		0					1543511					1543511
		Total Athgarh Division			**0**	**0**	**0**	**0**	**0**	**1543511**	**0**	**0**	**0**	**0**	**1543511**
11	Rairangpur	Diversion of 2.696 ha forest land for laying 400 KVDC Kharagpur to Chaibasa transmission line by M/s Purulia & Kharagpur Transmission Complany Ltd.	Dwaef Tree Plantation 2.696 ha		1279496										1279496
		Total Rairangpur Division			**1279496**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1279496**
12	Jharsuguda	Diversion of 30.134 ha forest land for construction of 400 KVDC transmission line from OPGC Banharpali IB Thermal Power Plant to Switchyard at Kenapali by OPGC	Dwaef Tree Plantation 11.904 ha										Incentive to VSS	112212	112212
		Total Jharsuguda Division		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**112212**	**112212**
13	Chandaka WL	Diversion of 10.183 ha forest land for construction of 200 feet master plan road from Railvihar-Hatiasuni- Ekamrakanan Park	2 time tree plantation 86 Nos		0								Watch & ward	3371	3371
					0								Watering	7224	7224
		Total Chandaka WL Division			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**10595**	**10595**
		Grand Total			**14062078**	**0**	**0**	**0**	**13999044**	**13631745**	**1732164**	**0**	**0**	**1958118**	**45383149**

Ancillary Activities to be taken with CA plantations (As per approved scheme) during 2023-24															
Sl No.	Name of the Division	Name of the Project	Area in Ha	Amount Required (In Rs.)						Total SMC	EPA	M & E	Others		Total
				Barbedwire Fencing		Chainlink mesh fencing		Other Type Fencing							
				Length	Amount	Length	Amount	Type	Amount				Item	Amount	
1	Keonjhar	Diversion of 61.534 ha forest land in Baitarani Iron Mines of Dr Sarojini Pradhan	57.584	6.028 Km	4058472	0	0	0	0	3242098	1591206	0	0	0	8891776
				6.028 Km	390497	0	0	0	0	0	0	0	0	0	390497
			30.090	1.068 Km	719052	0	0	0	0	2550220	302572	0	0	0	3571844
2	Keonjhar	Diversion of 345.189 ha forest land in Khandabandh Iron Mines of M/s OMC Ltd.	104.300	0	0	0	0	Cattle Proof trench 6264 Mtrs	1402635	2852338	1366017	0	0	0	5620990
			159.680	0	0	13.35 Km	13101690			4373629	2340682	0	0	0	19816001
3	Keonjhar	Diversion of 3.665 ha forests lands for construction of 33 kV DC Transmission line from MRSS, Joda to Khandbond Mines by M/s Tata Steel Ltd	3.700	0	0	0	0	0	0	103892	34213	0	0	0	138105
			11.000	0	0	1.31 Km	1285634			301098	144108	0	0	0	1730840
4	Keonjhar	Diversion of 4.68 ha forest land for Conveyor Corridor from Khondbond Iron Ore Mine to Railway Siding of Joda East Iron Ore Mine by M/s Tata Steel Ltd.	4.680	0	0	0	0	0	0	370318	0	0	0	0	370318
			10.000	0	0	0	0	0	0	447975	177024	0	0	0	624999
5	Keonjhar	Diversion of 22.368 ha forest land for 33 kv power transmission line from Jaroli sub station to PMPL Plant site at Basantapur of Essel Mining & Industries Ltd.	44.736	5.96 Km	4088322	0	0	0	0	1603577	701441	0	0	0	6393340
		Total Keonjhjar Division	**425.770**		**9256343**		**14387324**		**1402635**	**15845145**	**6657263**	**0**		**0**	**47548710**
6	Bonai	Diversion of 37.146 ha forest land in Segasahi iron Mines of M/s National Enterprises	37.146	0	0	0	0	Vegetative fencing	256680	0	0	50000	0	0	306680
		Total Bonail Division	**37.146**		**0**	**0**	**0**	**0**	**256680**	**0**	**0**	**50000**	**0**	**0**	**306680**
7	Cuttack	Diversion of 4.232ha of forest land for construction of Nirgundi-Bhadrak 3rd line Railway Project, Phase-I(0-14km)	9.000	1.43 Km	973234	0	0	0	0	0	0	97004	0	0	1070238
		Total Cuttack Division	**9.000**		**973234**	**0**	**0**	**0**	**0**	**0**	**0**	**97004**	**0**	**0**	**1070238**
8	Dhenkanal	Diversion of 24.188ha of forest land for construction of Budhapank-Salegaon 3rd & 4th Railway line Project, (0-85km)	48.500	0	0	0	0	0	0	9434763	3351851	0	0	0	12786614
		Total Dhenkanal Division	**48.500**		**0**	**0**	**0**	**0**	**0**	**9434763**	**3351851**	**0**	**0**	**0**	**12786614**
9	Kalahandi South	Diversion of 85.175 ha	85.175	8169.41 Rmt	5605727	0	0	0	0	0	0	0	0	0	5605727

		forest land and rediversion of 1.304 ha for construction of overhead piped conveyor belt from Kurmitar ML boundary													
10	Kalahandi South	Diversion of 183.218 ha forest land in Bansapani Iron Mines of M/s OMC Ltd.	183.218	19.312 Km	13279781	0	0	0	0	0	0	0	0	0	13279781
11	Kalahandi South	Diversion of 345.189 ha forest land in Khandabandh Iron Mines of M/s OMC Ltd.	185.509			9.301 Km	9128001	0	0	0	0	0	0	0	9128001
12	Kalahandi South	Diversion of 0.99 ha forest land for Upper Indravati Pump Storage Hydro Project	51.300			2.3 Km	2277000			300000	500000	0	Boundary line clearance	50000	3127000
13	Kalahandi South	Diversion of 401.7824 ha forest land including 7.2807 ha SZ in Gandhamardan A Iron Mmines of M/s OMC Ltd.	219.180 58.859 77.743 46.000			25.99 Km	43593547					0	0	0	43593547
		Total Kalahandi South Division	**906.9844**		**18885508**	**0**	**54998548**	**0**	**0**	**300000**	**500000**	**0**	**0**	**50000**	**74734056**
14	Sambalpur	4-laning of Teleibani Sambalpur Section of NH-6 (Km.493.300 to Km.518.800 and Km.545.176 to Km.567.400)	55.000	4400 Rmt	2994565	0	0	0	0	1561750	0	0	Masonry Pillar	73000	4629315
			55.000	3600 Rmt	2450099	0	0	0	0	1561750	0	0	0	0	4011849
		Total Sambalpur Division	**110.000**		**5444664**	**0**	**0**	**0**	**0**	**3123500**	**0**	**0**	**0**	**73000**	**8641164**
15	Rairangpur	Diversion of 2.696 ha forest land for laying 400 KVDC Kharagpur to Chaibasa transmission line by M/s Purulia & Kharagpur Transmission Complany Ltd.	5.392	No Ancillery activities	0	0	0	0	0	0	0	0	0	0	0
		Total Rairangpur Division	**5.392**		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
16	Boudh	Diversion of 94.656 ha forest land for construction of 765 KVDC transmission line from Kenapali to Raipur by OGPTL	190.000	0	0	0	0	vegetative fencing	3310423	953952	4015829	0	Pillar posting	393600	8673804
17	Boudh	Diversion of 30.134 ha forest land for construction of 400 KVDC transmission line from OPGC Banharpali IB Thermal Power Plant to Switchyard at Kenapali by OPGC	40.000	0	0	0	0	vegetative fencing	774368	252000	882299	0	Pillar posting	200000	2108667
		Total BoudhDivision	**230.000**	**0**	**0**	**0**	**0**	**0**	**4084791**	**1205952**	**4898128**	**0**	**0**	**593600**	**10782471**
18	Bargarh	Diversion of 7.054 ha	7.054	0.000	0	0	0	Ttench Fencing	431465	0	187873	0	0	0	619338

		forest land for construction of Ranjore Medium Irrigation Project	2.530	No Ancillery activities	0	0	0	0	0	0	0	0	0	0	0
		Total Bargarh Division	**9.584**		**0**	**0**	**0**	**0**	**431465**	**0**	**187873**	**0**	**0**	**0**	**619338**
19	Jharsuguda	Diversion of 5.973 ha forest land for construction of 400 KV D/C tarnsmission line from LILO point at Bhasma to PGCIL Pooling station at Kenapali by M/s Vedanta Ltd.	6.300	0	0	6.3 ha	2641785	0	0	0	186587	0	0	0	2828372
20	Jharsuguda	Diversion of 30.134 ha forest land for construction of 400 KVDC transmission line from OPGC Banharpali IB Thermal Power Plant to Switchyard at Kenapali by OPGC	24.000	0	0	0	0	Ttench Fencing	1338120	166871	349564	0	0	0	1854555
		Total Jharsuguda Division	**30.300**	**0**	**0**	**0**	**2641785**	**0**	**1338120**	**166871**	**536151**	**0**	**0**	**0**	**4682927**
21	Rayagada	Diversion of 5.858 ha forest land for construction of 3rd Railway line between Vizianagaram to Titlagarh under East Coast Railway by Rail Vikas Nigam Limited.	12.000	No Ancillery activities	0	0	0	0	0	0	0	0	0	0	0
		Total Rayagada Division	**12.000**		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
22	Khurdha	Centers of Excellence ,AIIMS Bhubaneswar	10.580	2500 Rmt	1714900	0	0	0	0	53715	161589	0	0	0	1930204
		Total Khurdha Division	**10.58**		**1714900**	**0**	**0**	**0**	**0**	**53715**	**161589**	**0**	**0**	**0**	**1930204**
23	Nayagarh	Diversion of 13.78 ha forest land for construction of Kaliamba MIP	13.780	No Ancillery activities	0	0	0	0	0	0	0	0	0	0	0
24	Nayagarh	Diversion of 4.00 ha forest land for construction of Bhalujhar MIP	4.000	No Ancillery activities	0	0	0	0	0	0	0	0	0	0	0
		Total Nayagarh Division	**17.780**		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
25	Chandaka WL	Diversion of 10.183 ha forest land for construction of 200 feet master plan road from Railvihar-Hatiasuni-Ekamrakanan Park	10.372	0.000	0	2.3 Km	2307654	0	0	138985	850996	0	0	0	3297635
		Total Chandaka WL Division	**10.372**		**0**	**0**	**2307654**	**0**	**0**	**138985**	**850996**	**0**	**0**	**0**	**3297635**
		Grand Total	**1863.408**		**36274649**		**74335311**		**7513691**	**30268931**	**17143851**	**147004**		**716600**	**166400037**

Compensatory Afforestation target to be included in CAMPA APO 2023-24 for the projects got final approval from 01.10.2021 to 30.09.2022						
Sl No.	**Name of the Division**	**Name of the Project**	**CA Stipulation (In Ha)**			**CA Plantation Model as per approved scheme**
			Forest	**Non-Forest**	**Total**	
1	Keonjhar	Diversion of 61.534 ha forest land in Baitarani Iron Mines of Dr Sarojini Pradhan	0.000	57.584	57.584	AR with 1600 without fencing 42.584 ha +ANR with 200 plant 15 ha
			30.090	0.000	30.090	ANR with 200 plant
2	Keonjhar	Diversion of 345.189 ha forest land in Khandabandh Iron Mines of M/s OMC Ltd.	104.3	0	104.3	ANR with 400 plant
			0	159.68	159.68	ANR with 800 plant 62.058 ha + ANR with 400 plants 97.622 ha
3	Keonjhar	Diversion of 3.665 ha forests lands for construction of 33 kV DC Transmission line from MRSS, Joda to Khandbond Mines by M/s Tata Steel Ltd	0.000	3.700	3.700	ANR without Gap plantation
			11.000	0.000	11.000	ANR with 400 plants
4	Keonjhar	Diversion of 4.68 ha forest land for Conveyor Corridor from Khondbond Iron Ore Mine to Railway Siding of Joda East Iron Ore Mine by M/s Tata Steel Ltd.	0	4.68	4.68	ANR without Gap plantation
			10	0.00	10.00	ANR with 600 plants
5	Keonjhar	Diversion of 22.368 ha forest land for 33 kv power transmission line from Jaroli sub station to PMPL Plant site at Basantapur of Essel Mining & Industries Ltd.	44.736	0.00	44.736	ANR with 400 plants 36.6803 ha +AR with 1000 plants without fencing 8.0557 ha
		Total Keonjhjar Division	**200.126**	**225.644**	**425.770**	
6	Bonai	Diversion of 37.146 ha forest land in Segasahi iron Mines of M/s National Enterprises	0	37.146	37.146	ANR with 200 plants
		Total Bonail Division	**0**	**37.146**	**37.146**	
7	Cuttack	Diversion of 4.232ha of forest land for construction of Nirgundi-Bhadrak 3rd line Railway Project, Phase-I(0-14km)	9.000	0.000	9.000	AR with 1000 plants without fencing
		Total Cuttack Division	**9.000**	**0.000**	**9.000**	
8	Dhenkanal	Diversion of 24.188ha of forest land for construction of Budhapank-Salegaon 3rd & 4th Railway line Project, (0-85km)	48.500	0.000	48.500	AR with 1600 plant without Fencing
		Total Dhenkanal Division	**48.500**	**0.000**	**48.500**	
9	Kalahandi South	Diversion of 85.175 ha forest land and rediversion of 1.304 ha for construction of overhead piped conveyor belt from Kurmitar ML boundary	0	85.175	85.175	Bald Hill 1600 plants without fencing
10	Kalahandi South	Diversion of 183.218 ha forest land in Bansapani Iron Mines of M/s OMC Ltd.	0	183.218	183.218	Bald Hill without fencing 106.051 ha+47.114 ha,ANR 400 plants 13.423 ha, ANR without Gap 6.288 ha+10.342 ha
11	Kalahandi South	Diversion of 345.189 ha forest land in Khandabandh Iron Mines of M/s OMC Ltd.		185.509	185.509	Bald Hill without fencing 134.234 ha + ANR without Gap 51.275 ha
12	Kalahandi South	Diversion of 0.99 ha forest land for Upper Indravati Pump Storage Hydro Project	51.3	0	51.3	ANR with 200 plants
13	Kalahandi South	Diversion of 401.7824 ha forest land including 7.2807 ha SZ in Gandhamardan A Iron Mmines of M/s OMC Ltd.	0	219.1804	219.1804	Bald Hill 1600 plants without fencing
			0	58.859	58.859	ANR with 800 plants
			0	77.743	77.743	ANR with 400 plants
			0	46.000	46.000	ANR without Gap plantation
		Total Kalahandi South Division	**51.300**	**855.6844**	**906.9844**	
14	Sambalpur	4-laning of Teleibani Sambalpur Section of NH-6 (Km.493.300 to Km.518.800 and Km.545.176 to Km.567.400)	0.000	55.000	55.000	ANR with 400 plants
			55.000	0.000	55.000	ANR with 600 plants
		Total Sambalpur Division	**55.000**	**55.000**	**110.000**	
15	Rairangpur	Diversion of 2.696 ha forest land for laying 400 KVDC Kharagpur to Chaibasa transmission line by M/s Purulia & Kharagpur Transmission Complany Ltd.	5.392	0	5.392	AR with 1600 plants with fencing
		Total Rairangpur Division	**5.392**	**0**	**5.392**	
16	Boudh	Diversion of 94.656 ha forest land for construction of 765 KVDC transmission line from Kenapali to Raipur by OGPTL	190.000	0.000	190.000	ANR with 800 plants
		Total BoudhDivision	**190.000**	**0.000**	**190.000**	
17	Bargarh	Diversion of 7.054 ha forest land for construction of Ranjore Medium Irrigation Project	0	7.054	7.054	ANR with 800 plants
			2.530	0.000	2.530	ANR with 600 plants
		Total Bargarh Division	**2.530**	**7.054**	**9.584**	
18	Jharsuguda	Diversion of 5.973 ha forest land for construction of 400 KV D/C tarnsmission line from LILO point at Bhasma to PGCIL Pooling station at Kenapali by M/s Vedanta Ltd.	0.000	6.300	6.300	AR with 1600 plant without Fencing
		Total Jharsuguda Division	**0.000**	**6.300**	**6.300**	
19	Rayagada	Diversion of 5.858 ha forest land for construction of 3rd Railway line between Vizianagaram to Titlagarh under East Coast Railway by Rail Vikas Nigam Limited.	12.000	0.000	12.000	Bald Hill 1600 plants with fencing
		Total Rayagada Division	**12.000**	**0.000**	**12.000**	
20	Khurdha	Centers of Excellence ,AIIMS Bhubaneswar	0	10.58	10.58	AR 1600 plants without fencing
		Total Khurdha Division	**0**	**10.58**	**10.58**	
21	Nayagarh	Diversion of 13.78 ha forest land for construction of Kaliamba MIP	0	13.78	13.78	ANR with 200 plants
22	Nayagarh	Diversion of 4.00 ha forest land for construction of Bhalujhar MIP	0.000	4.000	4.000	ANR with 200 plants
		Total Nayagarh Division	**0.000**	**17.780**	**17.780**	
23	Chandaka WL	Diversion of 10.183 ha forest land for construction of 200 feet master plan road from Railvihar-Hatiasuni- Ekamrakanan Park	0	10.372	10.372	AR with 1600 planta without Fencing
		Total Chandaka WL Division	**0**	**10.372**	**10.372**	
		Grand Total	**573.848**	**1225.560**	**1799.408**	

Other Stipulation target to be included in CAMPA APO 2023-24 for the projects got final approval from 01.10.2021 to 30.09.2022					
Sl No.	**Name of the Division**	**Name of the Project**	**Other Stipulation**	**Area in Ha**	**Plantation Model as per approved scheme**
1	Keonjhar	Diversion of 61.534 ha forest land in Baitarani Iron Mines of Dr Sarojini Pradhan	Safety Zone	3.863	AR with 1600 plants without fencing
			1.5 Safety Zone	5.7945	AR with 1600 plants without fencing
2	Keonjhar	Diversion of 345.189 ha forest land in Khandabandh Iron Mines of M/s OMC Ltd.	1.5 Safety Zone	10.38	ANR with 400 plants
			Gap Plantation	16.136	ANR with 400 plants
3	Keonjhar	Diversion of 183.218 ha forest land in Bansapani Iron Mines of M/s OMC Ltd.	1.5 Safety Zone	19.575	ANR with 400 plants
4	Keonjhar	Diversion of 3.665 ha forests lands for construction of 33 kV DC Transmission line from MRSS, Joda to Khandbond Mines by M/s Tata Steel Ltd	Dwarf Tree Plantation	2.199	ANR Plantation
5	Keonjhar	Diversion of 22.368 ha forest land for 33 kv power transmission line from Jaroli sub station to PMPL Plant	Dwarf Tree Plantation	4.491	ANR Plantation

		site at Basantapur of Essel Mining & Industries Ltd.			
		Total Keonjhjar Division		**62.4385**	
6	Bonai	Diversion of 37.146 ha forest land in Segasahi iron Mines of M/s National Enterprises	Safety Zone	3.998	AR with 1600 plants without fencing
			1.5 Safety Zone	5.997	AR with 1600 plants without fencing
			Soil & Water Conservation	31.749	No Plantation
			Protection & Assisted Regeneration of Medhamaruni RF	100	ANR with 200 plants
			Maintenance & enrichment of vegetative coverGreen cover	5.397	AR with 1600 plants without fencing
		Total Bonail Division		**147.141**	
7	Rairangpur	Diversion of 2.696 ha forest land for laying 400 KVDC Kharagpur to Chaibasa transmission line by M/s Purulia & Kharagpur Transmission Complany Ltd.	Dwarf Tree Plantation	2.696	AR with 1600 plants without fencing
		Total Rairangpur Division		**2.696**	
8	Sundargarh	Diversion of 94.656 ha forest land for construction of 765 KVDC transmission line from Kenapali to Raipur by OGPTL	Dwarf Tree Plantation	66.396	ANR with 400 plants over 24.015 ha
					ANR with 800 plants over 42.381 ha
9	Sundargarh	Diversion of 5.973 ha forest land for construction of 400 KV D/C tarnsmission line from LILO point at Bhasma to PGCIL Pooling station at Kenapali by M/s Vedanta Ltd.	Dwarf Tree Plantation	4.606	ANR with 800 plants
		Total Sundargarh Division		**71.002**	
10	Chandaka WL	Diversion of 10.183 ha forest land for construction of 200 feet master plan road from Railvihar-Hatiasuni-Ekamrakanan Park	Avenue Plantation @ 250 plants per RKM	7.16 RKM	250 plants per RKM
			2 time tree plantation	86 Nos	
		Total Chandaka WL Division		**7.16 RKM +86 Nos**	
		Grand Total		**283.2775**	
				+ 7.16 RKM +86 Nos	

Sl No	Name of the Division	Name of the Project	GoI Approval Order	Area in Ha	Tall Tree Plantation	CA (In Ha)	
1	Rayagada & Kalahandi South	Prospecting of Minerals in forest land over 0.738 ha in Majhingamali Bauxite Mines undertaking 41 boreholes by M/s OMCEL ltd.	5-ORB401/2019-BHU dated 07.09.2020	0.738	20 tall tree per bore hole	0	
4	Keonjhar	Prospecting of Minerals in forest land over 28.946 ha in Serenda-Bhadrasahi Iron & n mining lease for undertaking 190 boreholes of 4" dia by M/s OMC ltd.	5-ORC398/2019-BHU dated 22.02.2021	28.946	20900		
5	Keonjhar	Prospecting of Minerals in forest land over 4.643 ha in Balda-Palsa-Jajang Iron ore mining lease for undertaking 66 boreholes of 4" dia by M/s OMC ltd.	5-ORB455/2021-BHU dated 31.03.2021	4.643	7260		
8	Keonjhar	Prospecting of Minerals in forest land over0.684 ha in Dalita Manganese ore mining lease for undertaking 07 boreholes of 4" dia by M/s OMC ltd.	5-ORB493/2022-BHU dated 25.01.2022	0.684	770	0	
9	Keonjhar	Prospecting of Minerals in forest land over 15.234 ha in Thakurani Block A Iron ore mining lease for undertaking 113 boreholes of 4" dia by M/s IDCOL ltd.	5-ORC490/2021-BHU dated 04.02.2022	15.234	12430	0	
10	Keonjhar	Prospecting of Minerals in forest land over 1.439 ha in Thakurani Iron ore block for undertaking 24 boreholes of 4" dia by M/s OMCEL ltd.	5-ORB499/2022-BHU dated 11.02.2022	1.439	2640		
11	Keonjhar	Prospecting of Minerals in forest land over 3.905 ha in Thakurani Iron ore block for undertaking 44 boreholes of 4" dia by M/s Arcelor Mittal India Ltd.	5-ORB507/2022-BHU dated 22.04.2022	3.905	4840		
			Total Keonjhar Division		**48840**		
12	Bonai	Prospecting of Minerals in forest land over 6.478 ha in Khandadhar A Block for undertaking 36 boreholes of 4" dia by M/s OMECL ltd.	5-ORC484/2021-BHU dated 28.12.2021	6.478	3960	0	
13	Bonai	Prospecting of Minerals in forest land over 8.716 ha in Khandadhar D Block for undertaking 63 boreholes of 4" dia by M/s OMECL ltd.	5-ORC485/2021-BHU dated 28.12.2021	8.716	6930		
14	Bonai	Prospecting of Minerals in forest land over10.491 ha in Khandadhar C Block for undertaking 70 boreholes of 4" dia by M/s OMECL ltd.	5-ORC483/2021-BHU dated 28.12.2021	10.491	7700	0	
15	Bonai	Prospecting of Minerals in forest land over 4.912 ha in Khandadhar B Block for undertaking 39 boreholes of 4" dia by M/s OMECL ltd.	5-ORB486/2021-BHU dated 28.12.2021	4.912	4290	0	
16	Bonai	Prospecting of Minerals in forest land over0.633 ha in Mandajoda Iron & Manganese ore mining lease for undertaking 9 boreholes of 4" dia by M/s OMC ltd.	5-ORB482/2021-BHU dated 28.12.2021	0.633	990	0	
17	Bonai	Prospecting of Minerals in forest land over0.442 ha in Dalita Manganese ore mining lease for	5-ORB491/2021-BHU dated 04.01.2022	0.442	440	0	

		undertaking 4 boreholes of 4" dia by M/s OMC ltd.					
18	Bonai	Prospecting of Minerals in forest land over 5.493 ha in Lashi Manganese ore mining lease for undertaking 40 boreholes of 4" dia by M/s OMC ltd.	5-ORC494/2022-BHU dated 25.01.2022	5.493	4400		
			Total Bonai Division		**28710**		
19	Chandaka WL	Prospecting of Minerals in forest land over 5.183 ha in Talabasta Fireclay lease for undertaking 34 boreholes of 4" dia by M/s OMCEL ltd.	5-ORC495/2022-BHU dated 04.02.2022	5.183	3740		
			Total Chandaka WL Division		3740		
20	Kalahandi South	Prospecting of Minerals in forest land over 28.946 ha in Serenda-Bhadrasahi Iron & n mining lease for undertaking 190 boreholes of 4" dia by M/s OMC ltd.	5-ORC398/2019-BHU dated 22.02.2021	28.946	0	11.966	Bald Hill + Angle Iron & Chain link
21	Kalahandi South	Prospecting of Minerals in forest land over 7.54 ha in PL Block I (Chromite) for undertaking122 boreholes of 4" dia by M/s OMC ltd.	8-51/2018-FC dated 04.03.2021	7.54	0	5.10	Bald Hill + Barbedwire fencing
22	Kalahandi South	Prospecting of Minerals in forest land over 5.782 ha in PL Block II (Chromite) for undertaking 95 boreholes of 4" dia by M/s OMC ltd.	8-50/2018-FC dated 05.03.2021	5.782	0	3.882	Bald Hill + Barbedwire fencing
23	Kalahandi South	Prospecting of Minerals in forest land over 4.643 ha in Balda-Palsa-Jajang Iron ore mining lease for undertaking 66 boreholes of 4" dia by M/s OMC ltd.	5-ORB455/2021-BHU dated 31.03.2021	4.643	0	3.323	
24	Kalahandi South	Prospecting of Minerals in forest land over6.699 ha in Parulipada Manganese ore mining lease for undertaking 97 boreholes of 4" dia by M/s OMC ltd.	8-41/2018-FC dated 11.10.2021	6.699	0	4.759	Bald Hill + Barbedwire fencing
25	Kalahandi South	Prospecting of Minerals in forest land over 7.94 ha in Dalki Iron ore mining lease for undertaking 59 boreholes of 4" dia by M/s OMC ltd.	8-43/2018-FC dated 11.10.2021	7.94	0	6.76	Bald Hill + Barbedwire fencing
			Total Kalahandi South Division	**61.55**			

Sl No	Name of the Division	Name of the Project	GoI Approval Order	Area in Ha	Tall Tree Plantation	CA (In Ha)	CA Division	CA Cost	Tall Tree Plantation cost
1	Rayagada & Kalahandi South	Prospecting of Minerals in forest land over 0.738 ha in Majhingamali Bauxite Mines undertaking 41 boreholes by M/s OMCEL ltd.	5-ORB401/2019-BHU dated 07.09.2020	0.738	20 tall tree per bore hole	0		0	1937159
2	Keonjhar	Prospecting of Minerals in forest land over 28.946 ha in Serenda-Bhadrasahi Iron & n mining lease for undertaking 190 boreholes of 4" dia by M/s OMC ltd.	5-ORC398/2019-BHU dated 22.02.2021	28.946	20900	11.966	Kalahandi South	10949100	27947000
3	Cuttack	Prospecting of Minerals in forest land over 7.54 ha in PL Block I (Chromite) for undertaking122 boreholes of 4" dia by M/s OMC ltd.	8-51/2018-FC dated 04.03.2021	7.54	No tall tree plantation only CA	5.10	Kalahandi South	2641600	0
4	Cuttack	Prospecting of Minerals in forest land over 7.54 ha in PL Block I (Chromite) for undertaking 95 boreholes of 4" dia by M/s OMC ltd.	8-50/2018-FC dated 05.03.2021	5.782	No tall tree plantation only CA	3.882		2362200	
5	Keonjhar	Prospecting of Minerals in forest land over 4.643 ha in Balda-Palsa-Jajang Iron ore mining lease for undertaking 66 boreholes of 4" dia by M/s OMC ltd.	5-ORB455/2021-BHU dated 31.03.2021	4.643	7260	3.323	Kalahandi South	3446400	10076500
6	Keonjhar	Prospecting of Minerals in forest land over6.699 ha in Parulipada Manganese ore mining lease for undertaking 97 boreholes of 4" dia by M/s OMC ltd.	8-41/2018-FC dated 11.10.2021	6.699	No tall tree plantation only CA	4.759	Kalahandi South	2572300	0
7	Keonjhar	Prospecting of Minerals in forest land over 7.94 ha in Dalki Iron ore mining lease for undertaking 59 boreholes of 4" dia by M/s OMC ltd.	8-43/2018-FC dated 11.10.2021	7.94	No tall tree plantation only CA	6.76	Kalahandi South	3406600	0
8	Bonai	Prospecting of Minerals in forest land over 6.478 ha in Khandadhar A Block for undertaking 36 boreholes of 4" dia by M/s OMECL ltd.	5-ORC484/2021-BHU dated 28.12.2021	6.478	3960	0		0	7872300
9	Bonai	Prospecting of Minerals in forest land over 8.716 ha in Khandadhar D Block for undertaking 63 boreholes of 4" dia by M/s OMECL ltd.	5-ORC485/2021-BHU dated 28.12.2021	8.716	6930				7194400
10	Bonai	Prospecting of Minerals in forest land over10.491 ha in Khandadhar C Block for undertaking 70 boreholes of 4" dia by M/s OMECL ltd.	5-ORC483/2021-BHU dated 28.12.2021	10.491	7700	0			
11	Bonai	Prospecting of Minerals in forest land over 4.912 ha in Khandadhar B Block for undertaking 39 boreholes of 4" dia by M/s OMECL ltd.	5-ORB486/2021-BHU dated 28.12.2021	4.912	4290	0		0	
12	Bonai	Prospecting of Minerals in forest land over0.633 ha in Mandajoda Iron & Manganese ore mining lease for undertaking 9 boreholes of 4" dia by M/s OMC ltd.	5-ORB482/2021-BHU dated 28.12.2021	0.633	990	0		0	
13	Bonai	Prospecting of Minerals in forest land over0.442 ha in Dalita Manganese ore mining lease for	5-ORB491/2021-BHU dated	0.442	440	0		0	

		undertaking 4 boreholes of 4" dia by M/s OMC ltd.	04.01.2022						
14	Keonjhar	Prospecting of Minerals in forest land over0.684 ha in Dalita Manganese ore mining lease for undertaking 07 boreholes of 4" dia by M/s OMC ltd.	5-ORB493/2022-BHU dated 25.01.2022	0.684	770	0		0	
15	Bonai	Prospecting of Minerals in forest land over 5.493 ha in Lashi Manganese ore mining lease for undertaking 40 boreholes of 4" dia by M/s OMC ltd.	5-ORC494/2022-BHU dated 25.01.2022	5.493	4400				
16	Keonjhar	Prospecting of Minerals in forest land over 15.234 ha in Thakurani Block A Iron ore mining lease for undertaking 113 boreholes of 4" dia by M/s IDCOL ltd.	5-ORC490/2021-BHU dated 04.02.2022	15.234	12430	0		0	6039600
17	Chandaka WL	Prospecting of Minerals in forest land over 5.183 ha in Talabasta Fireclay lease for undertaking 34 boreholes of 4" dia by M/s OMCEL ltd.	5-ORC495/2022-BHU dated 04.02.2022	5.183	3740				1625946
18	Keonjhar	Prospecting of Minerals in forest land over 1.439 ha in Thakurani Iron ore block for undertaking 24 boreholes of 4" dia by M/s OMCEL ltd.	5-ORB499/2022-BHU dated 11.02.2022	1.439	2640				1217200
19	Keonjhar	Prospecting of Minerals in forest land over 3.905 ha in Thakurani Iron ore block for undertaking 44 boreholes of 4" dia by M/s Arcelor Mittal India Ltd.	5-ORB507/2022-BHU dated 22.04.2022	3.905	4840				
		Total		**121.993**	**76450.000**				
21		Ustali	5-ORC523/2022-BHU dated 29.08.2022	16.253					

Area diverted from 01.10.2021 to 30.09.2022									
Sl No.	**Name of the Division**	**Name of the Project**	**Stage-II Order**	**Area diverted (In ha)**	**Name of CA Division**	**CA Stipulation (In Ha)**			**Other Stipulation**
						Forest	**Non-Forest**	**Total**	
1	Keonjhar	Diversion of 61.534 ha forest land in Baitarani Iron Mines of Dr Sarojini Pradhan	8-58/2008-FC dated 06.04.2020	61.534	Keonjhar	0.000	57.584	57.584	SZ + 1.5 SZ
						30.090	0.000	30.090	
2	Cuttack	Diversion of 4.232ha of forest land for construction of Nirgundi- Bhadrak 3rd line Railway Project, Phase-I(0-14km)	5-ORB408/2020-BHU 09.10.2021	4.232	Cuttack	9.000	0.000	9.000	No other Stipulation
3	Bonai	Diversion of 85.175 ha forest land and rediversion of 1.304 ha for construction of overhead piped conveyor belt from Kurmitar ML boundary	8-113/2000-FC VOL-III 06.12.2021	85.175	Kalahandi South	0	85.175	85.175	No other Stipulation
				Rediversion 1.304 ha					
4	Keonjhar	Diversion of 183.218 ha forest land in Bansapani Iron Mines of M/s OMC Ltd.	8-28/2019-FC16.12.2021	183.218	Kalahandi South	0	183.218	183.218	1.5 SZ + Gap Plantation
5	Keonjhar	Diversion of 345.189 ha forest land in Khandabandh Iron Mines of M/s OMC Ltd.	8-46/2018-FC 16.12.2021	345.189		104.3	0	104.3	1.5 SZ + Gap Plantation
						0	159.68	159.68	
							185.509	185.509	
6	Kalahandi Soutgh	Upper Indravati Pump Storage Hydro Project	5-ORB436/2020-BHU29.12.2021	0.99		51.3	0	51.3	No other Stipulation
7		4-laning of Teleibani Sambalpur Section of NH-6 (Km.493.300 to Km.518.800 and Km.545.176 to Km.567.400)	5-ORA310/2017-BHU 29.12.2021	54.214		55	54.54	109.54	
8	City	Centers of Excellence ,AIIMS Bhubaneswar	5-ORC439/2020-BHU30.12.2021	10.58		0	10.58	10.58	No other Stipulation
9	Keonjhar	Diversion of 3.665 ha forests lands for construction of 33 kV DC Transmission line from MRSS, Joda to Khandbond Mines by M/s Tata Steel Ltd	5-ORB368/2018-BHU dated 13.01.2022	3.665		0.000	3.700	3.700	Dwarf Tree Plantation
						11.000	0.000	11.000	
10	Keonjhar	Diversion of 4.68 ha forest land for Conveyor Corridor from Khondbond Iron Ore Mine to Railway Siding of Joda East Iron Ore Mine by M/s Tata Steel Ltd.	5-ORB351/2018-BHU dated 13.01.2022	4.680		0	4.68	4.68	No other Stipulation
						10	0.00	10.00	
11	Rairangpur	Diversion of 2.696 ha forest land for laying 400 KVDC Kharagpur to Chaibasa transmission line by M/s Purulia & Kharagpur Transmission Complany Ltd.	5-ORB254/2015-BHU dated 04.02.2022	2.696		5.392	0	5.392	Dwarf Tree Plantation
12	Keonjhar	Diversion of 22.368 ha forest land for 33 kv power transmission line from Jaroli sub station to PMPL Plant site at Basantapur of Essel Mining & Industries Ltd.	5-ORC450/2021-BHU dated 08.03.2022	22.368		44.376	0.00	44.376	Dwarf Tree Plantation
13	Nayagarh	Diversion of 13.78 ha forest land for construction of Kaliamba MIP	8-274/FCE dated 18.05.2022	13.780	Nayagarh	0	13.78	13.78	No other Stipulation
14	Nayagarh	Diversion of 4.00 ha forest land for construction of Bhalujhar MIP	18.05.2022	4.000	Nayagarh	0.000	4.000	4.000	No other Stipulation
15	Keonjhar	Diversion of 401.7824 ha forest land including 7.2807 ha SZ in Gandhamardan A Iron Mmines of M/s OMC Ltd.	8-27/2016-FC dated 03.06.2022	401.7824	Kalahandi South	0	219.1804	219.1804	No other Stipulation
						0	58.859	58.859	
						0	77.743	77.743	
						0	46.000	46.000	
16	Jharsuguda	Diversion of 94.656 ha forest land for construction of 765 KVDC transmission line from Kenapali to Raipur by OGPTL	5-ORA334/2018-BHU dated 22.06.2022	94.656	Boudh	190.000	0.000	190.000	Dwarf Tree Plantation
17	Bargarh	Diversion of 7.054 ha forest land for construction of Ranjore Medium	5-ORC308//2017-BHU dated	7.054	Bargarh	0	7.054	7.054	CATP
					Bargarh	2.530	0.000	2.530	

		Irrigation Project	26.07.2022						
18	Bonai	Diversion of 37.146 ha forest land in Segasahi iron Mines of M/s National Enterprises	8(21)25/2003-FCE dated 28.07.2022	31.749	Bonai	0.000	37.146	37.146	SZ + 1.5 SZ +soil water conservation +Protection & Regeneration +Maintenance of Green cover
19	Rayagada	Diversion of 5.858 ha forest land for construction of 3rd Railway line between Vizianagaram to Titlagarh under East Coast Railway by Rail Vikas Nigam Limited.	5-ORC471/2021-BHU dated 10.08.2022	5.858	Rayagada	12.000	0.000	12.000	No other Stipulation
20	Sundargarh	Diversion of 5.973 ha forest land for construction of 400 KV D/C tarnsmission line from LILO point at Bhasma to PGCIL Pooling station at Kenapali by M/s Vedanta Ltd.	5-ORC306/2017-BHU dated 11.08.2022	5.973	Jharsuguda	0.000	6.300	6.300	Dwarf Tree Plantation
21		Diversion of 24.188ha of forest land for construction of Budhapank-Salegaon 3rd & 4th Railway line Project, (0-85km)	5-ORC411/2020-BHU dated 09.09.2022	24.188	Dhenkanal	48.5	0	48.5	No other Stipulation
22	Chandaka WL	Diversion of 10.183 ha forest land for construction of 200 feet master plan road from Railvihar-Hatiasuni-Ekamrakanan Park	5-ORC373/2019-BHU dated 23.09.2022	10.183	Chandaka WL	0	10.372	10.372	Avenue + 2 time tree plantation

Sl No.	CA Division	Name of the Project	Stage-II Order	Area diverted	CA			Type of Plantation	Ancillary Activities
					Forest	Non-forest	Total		
	Keonjhar	Diversion of 61.534 ha forest land in Baitarani Iron Mines of Dr Sarojini Pradhan	8-58/2008-FC dated 06.04.2020	61.534	0.000	57.584	57.584	AR with 1600 without fencing 42.584 ha +ANR with 200 plant 15 ha	Barbed wire fencing + gully pluging + Graded earthern bond + Percolation pit + EPA
	Keonjhar				30.090	0.000	30.090	ANR with 200 plant	Barbed wire fencing + gully pluging + Graded earthern bond + EPA
	Cuttack	Diversion of 4.232ha of forest land for construction of Nirgundi-Bhadrak 3rd line Railway Project, Phase-I(0-14km)	5-ORB408/2020-BHU 09.10.2021	4.232	9.000	0.000	9.000	AR with 1000 plants without fencing	Barbed wire fencing + M&E
	Kalahandi South	Diversion of 85.175 ha forest land and rediversion of 1.304 ha for construction of overhead piped conveyor belt from Kurmitar ML boundary	8-113/2000-FC VOL-III 06.12.2021	85.175 Rediversion 1.304 ha	0	85.175	85.175	Bald Hill without fencing	Barbed wire fencing
	Kalahandi South	Diversion of 183.218 ha forest land in Bansapani Iron Mines of M/s OMC Ltd.	8-28/2019-FC dated 16.12.2021	183.218	0	183.218	183.218	Bald Hill without fencing 106.051 ha+47.114 ha,ANR 400 plants 13.423 ha, ANR without Gap 6.288 ha+10.342 ha	
	Khurdha	Centers of Excellence ,AIIMS Bhubaneswar	5-ORC439/2020-BHU30.12.2021	10.58	0	10.58	10.58	AR 1600 plants without fencing	Barbed wire fencing
	Kalahandi South	Upper Indravati Pump Storage Hydro Project	5-ORB436/2020-BHU29.12.2021	0.99	51.3	0	51.3	ANR with 200 plants	GI Chain link fencing,
	Keonjhar	Diversion of 345.189 ha forest land in Khandabandh Iron Mines of M/s OMC Ltd.	8-46/2018-FC 16.12.2021	345.189	104.3	0	104.3	ANR with 400 plant	LBCD, ST, Cattle proof trench Fencing, EPA
	Keonjhar					159.68	159.68	ANR with 800 plant 62.058 ha + ANR with 400 plants 97.622 ha	LBCD, ST, GI Chain link Fencing, EPA
	Kalahandi South					185.509	185.509	Bald Hill without fencing 134.234 ha + ANR without Gap 51.275 ha	GI Chain link fencing
	Sambalpur	Diversion of 54.214 ha forest land for rehabilitation and upgradation 4-laning of Teleibani Sambalpur Section of NH-6 (Km.493.300 to Km.518.800 and Km.545.176 to Km.567.400)	5-ORA310/2017-BHU 29.12.2021	54.214	0	55	55	ANR with 400 plants	
					55	0	55	ANR with 600 plants	
	Keonjhar	Diversion of 22.368 ha forest land for 33 kv power transmission line from Jaroli sub station to PMPL Plant site at Basantapur of Essel Mining & Industries Ltd.	5-ORC450/2021-BHU dated 08.03.2022	22.368	44.376	0.00	44.376	ANR with 400 plants 36.6803 ha +AR with 1000 plants without fencing 8.0557 ha	
	Keonjhar	Diversion of 3.665 ha forests lands for construction of 33 kV DC Transmission line from MRSS, Joda to Khandbond Mines by M/s Tata Steel Ltd	5-ORB368/2018-BHU dated 13.01.2022	3.665	0	3.70	3.70	ANR without Gap plantation	LBCD, ST, EPA
					11	0.00	11.00	ANR with 400 plants	LBCD, ST, GI Chain link Fencing, EPA
	Keonjhar	Diversion of 4.68 ha forest land for Conveyor Corridor from Khondbond Iron Ore Mine to Railway Siding of Joda East Iron	5-ORB351/2018-BHU dated 13.01.2022	4.680	0	4.68	4.68	ANR without Gap plantation	LBCD + ST
					10	0.00	10.00	ANR with 600 plants	LBCD + ST +EPA

		Ore Mine by M/s Tata Steel Ltd.							
	Rairangpur	Diversion of 2.696 ha forest land for laying 400 KVDC Kharagpur to Chaibasa transmission line by M/s Purulia & Kharagpur Transmission Complany Ltd.	5-ORB254/2015-BHU dated 04.02.2022	2.696	5.392	0	5.392	AR with 1600 plants with fencing	No ancillary activity
	Nayagarh	Diversion of 13.78 ha forest land for construction of Kaliamba MIP	8-274/FCE dated 18.05.2022	13.78	0	13.78	13.78	ANR with 200 plants	No ancillary activity
	Nayagarh	Diversion of 4.00 ha forest land for construction of Bhalujhar MIP	8-266/FCE dated 18.05.2022	4.000	0.000	4.000	4.000	ANR with 200 plants	One Watcher for 3 years
	Kalahandi South	Diversion of 401.7824 ha forest land including 7.2807 ha SZ in Gandhamardan A Iron Mmines of M/s OMC Ltd.	8-27/2016-FC dated 03.06.2022	401.7824	0	219.1804	219.1804	Bald Hill without fencing	GI Chain link Fencing
					0	58.859	58.859	ANR with 800 plants	
					0	77.743	77.743	ANR with 400 plants	
					0	46.000	46.000	ANR without Gap plantation	
	Boudh	Diversion of 94.656 ha forest land for construction of 765 KVDC transmission line from Kenapali to Raipur by OGPTL	5-ORA334/2018-BHU dated 22.06.2022	94.656	190.000	0.000	190.000	ANR with 800 plants	Veg Fencing +LBCD + percolation pit + pillar posting +EPA
1	Bargarh	Diversion of 7.054 ha forest land for construction of Ranjore Medium Irrigation Project	5-ORc308//2017-BHU dated 26.07.2022	7.054	0	7.054	7.054	ANR with 800 plants	Trench Fencing + EPA
					2.53	0	2.53	ANR with 600 plants	No ancillary activity
	Rayagada	Diversion of 5.858 ha forest land for construction of 3rd Railway line between Vizianagaram to Titlagarh under East Coast Railway by Rail Vikas Nigam Limited.	5-ORC471/2021-BHU dated 10.08.2022	5.858	12.000	0.000	12.000	Bald Hill 1600 plants with fencing	
	Jharsuguda	Diversion of 5.973 ha forest land for construction of 400 KV D/C tarnsmission line from LILO point at Bhasma to PGCIL Pooling station at Kenapali by M/s Vedanta Ltd.	5-ORC306/2017-BHU dated 11.08.2022	5.973	0.000	6.300	6.300	AR with 1600 plant without Fencing	EPA + GI Chain link Fencing
	Dhenkanal	Diversion of 24.188ha of forest land for construction of Budhapank-Salegaon 3rd & 4th Railway line Project, (0-85km)	5-ORC411/2020-BHU dated 09.09.2022	24.188	48.5	0	48.5	AR with 1600 plant without Fencing	LBCD + ST +EPA
	Chandaka WL	Diversion of 10.183 ha forest land for construction of 200 feet master plan road from Railvihar-Hatiasuni- Ekamrakanan Park	5-ORC373/2019-BHU dated 23.09.2022	10.183	0	10.372	10.372	AR with 1600 planta without Fencing	EPA + GI Chain link Fencing + ST

Sl No.	CA Division	Name of the Project	Stage-II Order	Area diverted	Other Stipulation
1	Keonjhar	Diversion of 61.534 ha forest land in Baitarani Iron Mines of Dr Sarojini Pradhan	8-58/2008-FC dated 06.04.2020	61.534	SZ 3.863 ha
	Keonjhar				1.5 SZ 5.7945 ha
2	Cuttack	Diversion of 4.232ha of forest land for construction of Nirgundi- Bhadrak 3rd line Railway Project, Phase-I(0-14km)	5-ORB408/2020-BHU 09.10.2021	4.232	No other Stipulation
	Kalahandi South	Kurmitar Conveyor Corrider	8-113/2000-FC VOL-III 06.12.2021	85.175	
				Rediversion 1.304 ha	
	Khurdha	Centers of Excellence ,AIIMS Bhubaneswar	5-ORC439/2020-BHU30.12.2021	10.58	
	Kalahandi South	Upper Indravati Pump Storage Hydro Project	5-ORB436/2020-BHU29.12.2021	0.99	
		Bansapani Iron Mines of M/s OMC Ltd.	8-28/2019-FC16.12.2021	183.218	
	Keonjhar	Khandabandh Iron Mines of M/s OMC Ltd.	8-46/2018-FC 16.12.2021	345.189	1.5 SZ + Gap Plantation
		4-laning of Teleibani Sambalpur Section of NH-6 (Km.493.300 to Km.518.800 and Km.545.176 to Km.567.400)	5-ORA310/2017-BHU 29.12.2021	54.214	
	Keonjhar	Diversion of 22.368 ha forest land for 33 kv power transmission line from Jaroli sub station to PMPL Plant site at Basantapur of Essel Mining & Industries Ltd.	5-ORC450/2021-BHU dated 08.03.2022	22.368	
	Keonjhar	Diversion of 3.665 ha forests lands for construction of 33 kV DC Transmission line from MRSS, Joda to Khandbond Mines by M/s Tata Steel Ltd	5-ORB368/2018-BHU dated 13.01.2022	3.665	
	Keonjhar	Diversion of 4.68 ha forest land for Conveyor Corridor from Khondbond Iron Ore Mine to Railway Siding of Joda East Iron Ore Mine by M/s Tata Steel Ltd.	5-ORB351/2018-BHU dated 13.01.2022	4.680	
		Diversion of 2.696 ha forest land for laying 400 KVDC Kharagpur to Chaibasa transmission line by M/s Purulia & Kharagpur Transmission Complany Ltd.	5-ORB254/2015-BHU dated 04.02.2022	2.696	Dwarf Tree Plantation
	Nayagarh	Kaliamba MIP	8-274/FCE dated 18.05.2022	13.78	
		Bhalujhar IP	18.05.2022	4	
		Gandhamardan Block A	8-27/2016-FC dated 03.06.2022	401.7824	
	Boudh	Jharsuguda-Raipur Transmission line	5-ORA334/2018-BHU dated 22.06.2022	94.656	
1	Bargarh	Diversion of 7.054 ha forest land for construction of Ranjore Medium Irrigation Project	5-ORc308//2017-BHU dated 26.07.2022	7.054	
	Rayagada	Diversion of 5.858 ha forest land for construction of 3rd Railway line between Vizianagaram to Titlagarh under East Coast Railway by Rail Vikas Nigam Limited.	5-ORC471/2021-BHU dated 10.08.2022	5.858	No other Stipulation
	Sundargarh	Diversion of 5.973 ha forest land for construction of 400 KV D/C tarnsmission line from LILO point at Bhasma to PGCIL Pooling station at Kenapali by M/s Vedanta Ltd.	5-ORC306/2017-BHU dated 11.08.2022	5.973	Dwarf Tree Plantation
	Dhenkanal	Diversion of 24.188ha of forest land for construction of Budhapank-Salegaon 3rd & 4th Railway line Project, (0-85km)	5-ORC411/2020-BHU dated 09.09.2022	24.188	No other Stipulation
	Chandaka WL	Diversion of 10.183 ha forest land for construction of 200 feet master plan road from Railvihar-Hatiasuni- Ekamrakanan Park	5-ORC373/2019- BHU dated 23.09.2022	10.183	Avenue + 2 time tree plantation

Second year maintenance of CA PCA, ACA of 2022-23 to be taken up during 2023-24																		
Sl No	**Name of the Division**	**Name of the Project**	**Compo nent**	**AR**	**ANR**	**ANR without Gap**	**Bald Hill**	**Total Area in Ha**	**Amount required for second year maintenance to be taken up during 2023-24 @ Rs 333/- MD**									**Remarks**
									Block 1600 without Fencing @ 22972.11	**Block 1000 without Fencing @ 18563.30**	**ANR 200 @ 9495.15**	**ANR 400 @13395.90**	**ANR 600 @16929.15**	**ANR 800 @ 20672.40**	**ANR without Gap @ 5909.40**	**Bald hill without Fencing @ 45610.95**	**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 National Enterprises	CA	47.558				47.558	0.00	882833.42							882833.42	AR 1000 without fencing
		Total Athmallik Division		**47.558**	**0**	**0**	**0**	**47.558**	**0.00**	**882833.42**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**882833.42**	
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						119899.92			119899.92	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			3346679.56						3346679.56	ANR with 200 Plants
			ACA		267.229			267.229				3579772.96					3579772.96	ANR 400
4	Dhenkanal	Diversion of 66.783 ha forest lnd for rehabilitation and upgradation of Cuttack-Angul section of NH-42 (now NH-55)	CA		134.00			134.00			1272350.10						1272350.10	ANR with 200 Plants
			ACA		70.00			70.00					1185040.50				1185040.50	ANR with 600 Plants
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	275963.96								275963.96	Bald Hill converted to Block plantation. Block 1600 without fencing
					16.875			16.875						348846.75			348846.75	ANR with 800 Plants
						9.57		9.57						0.00	56552.96		56552.96	
			Addl CA		9.57			9.57						197834.87			197834.87	ANR with 800 Plants
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								0.00	0.00	
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		686842.10							686842.10	AR 1000 with Fencing
8	Dhenkanal	Diversion of 360.01 ha forest land in Katamati Iron Mines of M/s Tata	CA	10			0.00	10.00	229721.10								229721.10	Block 1600 without fencing

		Steel Ltd.				150.8381		150.8381							891362.67		891362.67	ANR without gap plantation
			Addl CA	90				90	2067489.90								2067489.90	Block 1600 without fencing
				4.8				4.8	0.00	89103.84							89103.84	Block 1000 without fencing
		Total Dhenkanal Division		**153.813**	**855.936**	**160.4081**	**0**	**1170.1571**	**2573174.96**	**775945.94**	**4619029.66**	**3579772.96**	**1185040.50**	**666581.54**	**947915.63**	**0.00**	**14347461.18**	
9	Cuttack	Diversion of 0.9712 ha forest land for construction of IP station to proposed underground natural gs pipeline along with optical fibre cable by GAIL India Ltd.	No CA stipulation	0				0									0.00	
10	Cuttack	Diversion of 8.114 ha of forest land for constructionof Railway line & siding at village Mantira and Rabana by IDCo for M/s Emami Cement Ltd.	CA	8.70				8.70	199857.36								199857.36	Block 1600 without fencing
		Total Cuttack Division		**8.7**	**0**	**0**	**0**	**8.70**	**199857.36**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**199857.36**	
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									0.00	
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					46863.27				46863.27	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	27888.14								27888.14	Block 1600 without fencing
		Total Angul Division		**1.214**	**2.7682**	**0**	**0**	**3.9822**	**27888.14**	**0.00**	**0.00**	**0.00**	**46863.27**	**0.00**	**0.00**	**0.00**	**74751.41**	
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								1404649.74	1404649.74	Bald Hill with Fencing @ 53522.70
			PCA		132.00			132.00				1768258.80					1768258.80	ANR 400 Plants
15	Kalahandi South	Diversion of 68.00 ha in Unchabali Iron Mines of M/s OMC	CA	2.409		3.9514	0	6.36		44718.99					23350.40	0.00	68069.39	Bald Hill without Fencing

		Ltd.																61.64 ha not achieved
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				0	0.00							0.00	0.00	0.00	Bald Hill without Fencing 86.185 ha not achieved.
						19.831		19.831							117189.31		117189.31	ANR without Gap
		Total Kalahandi South Division		**2.409**	**132**	**23.7824**	**26.244**	**184.4354**	**0.00**	**44718.99**	**0.00**	**1768258.80**	**0.00**	**0.00**	**140539.71**	**1404649.74**	**3358167.24**	
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				1835238.30					1835238.30	ANR 400 Plants
			CA		203.284			203.284				2723172.14					2723172.14	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				2254154.88					2254154.88	ANR 400 Plants
		Total Rourkela Division		**0**	**508.556**	**0**	**0**	**508.56**	**0.00**	**0.00**	**0.00**	**6812565.32**	**0.00**	**0.00**	**0.00**	**0.00**	**6812565.32**	
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	204842.30								204842.30	Block 1600 without fencing
					25			25	0.00					516810.00			516810.00	ANR 800
			CA	24.272				24.272	557579.05								557579.05	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								228510.86	228510.86	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	115319.99								115319.99	Block 1600 without fencing
		Total Sundargarh Division		**38.209**	**25**	**0**	**5.01**	**68.219**	**877741.35**	**0.00**	**0.00**	**0.00**	**0.00**	**516810.00**	**0.00**	**228510.86**	**1623062.21**	
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	0	120.838			120.838		0.00	1147374.94						1147374.94	Block 1000 without fencing converted to ANR with 200 plants
23	Keonjhar	Diversion of 35.507 ha forest land for	CA				32.261	32.261								1064767.53	1064767.53	Bald Hill 1000 without

		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.																fencing@ 33004.79
24	Keonjhar	Diversion of 21.52 ha forest land in Bagiaburu Iron Mines of M/s OMDC Ltd.	CA	2.45				2.45	56281.67								56281.67	Block 1600 without fencing
			PCA		43.04			43.04			408671.26						408671.26	ANR 200
25	Keonjhar	Diversion of 360.01 ha forest land in Katamati Iron Mines of M/s Tata Steel Ltd.	CA		8.5		0.00	8.50				113865.15				0.00	113865.15	Bald Hill 1600 without fencing converted to ANR 400
					25.50			25.50				341595.45		0.00			341595.45	ANR 800 converted to ANR 400
			CA		7.793			7.793				104394.25					104394.25	ANR 400
						158.00		158.00							933685.20		933685.20	ANR without Gap
			ACA		48.28			48.28				646754.05		0.00			646754.05	ANR 800 over 206.054 ha converted to ANR 400 over 48.28 ha, ANR 400 over 60.207 ha and ANR 200 over97.567 ha
					60.207			60.207				806526.95					806526.95	
					97.567			97.567			926413.30						926413.30	
		Total Keonjhar Division		**2.45**	**411.725**	**158**	**32.261**	**604.436**	**56281.67**	**0.00**	**2482459.49**	**2013135.85**	**0.00**	**0.00**	**933685.20**	**1064767.53**	**6550329.74**	
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									0.00	
		Total Bonai Division		**0**	**0**	**0**	**0**	**0**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	
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					863386.65				863386.65	ANR 600
						71.00		71.00							419567.40		419567.40	ANR without Gap
			CA		107.00			107.00						2211946.80			2211946.80	ANR 800
						119.00		119.00							703218.60		703218.60	ANR without Gap
		Total Sambalpur Division		**0**	**158**	**190**	**0**	**348.00**	**0.00**	**0.00**	**0.00**	**0.00**	**863386.65**	**2211946.80**	**1122786.00**	**0.00**	**4198119.45**	
28	Jharsuguda	Diversion of Addl. 230.20 ha forest land in Samaleswari OCP expansion (Phase-IV) of M/s MCL Limited	CA	163.885				163.885		3042246.42							3042246.42	Out of 278.48 ha Block 1000 without fencing 114.595 ha was not taken up
		Total Jharsuguda Division		**163.885**	**0**	**0**	**0**	**163.885**	**0.00**	**3042246.42**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3042246.42**	
29	Baripada	Diversion of 13.856 ha of forest land for rehabilitation and upgradation of	CA	0	35.00			35.00				468856.50					468856.50	ANR 400

		Jharpokhoria-Baripada-Balasore Section of NH-5																
		Total Baripada Division		**0**	**35**	**0**	**0**	**35.00**	**0.00**	**0.00**	**0.00**	**468856.50**	**0.00**	**0.00**	**0.00**	**0.00**	**468856.50**	
30	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				5.06	116238.88								116238.88	Block 1600 without fencing
		Total Jeypore Division		**5.06**	**0**	**0**	**0**	**5.06**	**116238.88**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**116238.88**	
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	238946.40								238946.40	Mangrove with 4445 potted seedling @ 19912.20 per ha
			PCA	13.12				13.12	870271.25								870271.25	Casuarina Planttion @ 2500 plants per ha @ Rs.66331.65
		Total Rajnagar WL Division		**25.12**	**0.00**	**0.00**	**0.00**	**25.12**	**1109217.65**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1109217.65**	
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									0.00	
		Total Chandaka WL Division		**0**	**0**	**0**	**0**	**0**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	
		Grand Total		**448.418**	**2128.985**	**532.191**	**63.515**	**3173.1087**	**4960400.00**	**4745744.77**	**7101489.15**	**14642589.43**	**2095290.42**	**3395338.34**	**3144926.54**	**2697928.13**	**42783706.79**	

Second year maintenance of Leftover CA of 2022-23 to be taken up during 2023-24													
Sl No	**Name of the Division**	**Name of the Project**	**Compo nent**	**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 315/- MD**				**Remarks**
									Block 1600 without Fencing @ 22972.11	**ANR 400 @13395.90**	**ANR without Gap @ 5909.40**	**Bald hill without Fencing @ 45610.95**	**Total**	
1	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	AR 1.521 ha was not taken up
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	0			0	0.00	0.00	0.00	0.00	0.00	ANR 1000 Plant over 234.23 ha was not taken up
					0			0		0.00				ANR 800 over 180.829 ha was not taken up
					119.022			119.022		1594406.81				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 1590.8673 ha in Gandhamardan B iron Mines of M/s OMC Ltd.	CA				39.772	39.772				1814038.70	1814038.70	Out of 194.7275 ha,154.9555 ha Bald hill without fencing was not taken up
5	Rourkela	Diversion of 28.324 ha forest land (including 2.685 ha SZ) in village	CA	8.217				8.217	188761.83				188761.83	

		Kusumdihi and Kamando Mn Mines by M/s OMM (P) Ltd.during 3rd renewal of mining lease.												
6	Keonjhar	Thakurani Iron Mines of M/s Kaypee Enterprises Pvt. Ltd.	CA			107.019		107.019			632418.08		632418.08	
		Total		**8.217**	**119.022**	**107.019**	**39.772**	**274.030**	**188761.83**	**1594406.81**	**632418.08**	**1814038.70**	**2635218.61**	

Second year maintenance of Backlog Compensatory Afforstation of 2022-23 to be taken up during 2023-24										
Sl. No.	**Name of the Division**	**Name of the Project**	**CA area in Ha**	**Amount required for second year maintenance to be taken up during 2023-24 @ Rs 333/- MD**						**Remarks**
				AR with 1600 plants without fencing @ 22972.11	**Bald Hill 1600 Plants without fencing @ 45610.95**	**ANR with 200 plants per Ha @ Rs. 9495.15**	**ANR with 400 plants per Ha @ Rs. 13395.90**	**ANR without Gap Plantation @ Rs. 5909.40**	**Total (In Rs)**	
		(A) To be executed from CA Head								
1	Keonjhar	Inganijharan Iron & Manganese Ore Mines of Dr. Sarojini Pradhan	0			0.00			0.00	ANR 200 over 13.97 was not taken up
2	Keonjhar	Iron & Manganese Ore Mining in village Bamebari, Jaribahal etc by M/s TISCO Ltd.	40.66			386072.80			386072.80	ANR 200
3	Keonjhar	Joda East Iron mines of TISCO	13.48			127994.62			127994.62	ANR 200
4	Keonjhar	Iron & Manganese mines in Vill.Dalpahar & Baitarani RF by Sri R.B. Das.	3.63			34467.39			34467.39	ANR 200
5	Keonjhar	RML of Iron mines in Sidhamarha R.F. of M/s Mideast Integrated Steel Ltd.	15.00			142427.25			142427.25	ANR 200
6	Keonjhar	Iron & Manganese mines in vill. Naibaga & Katupali by Sri Tarini Prasad Mohanty	26.89			255324.58			255324.58	ANR 200
7	Keonjhar	Putulipani Iron Mines of M/s Gandhamardan Sponge Iron Industry (P) Ltd.	11.7464				157353.60		157353.60	ANR 400
8	Keonjhar	Jilling Longlota Iron & Manganese Mines by M/S ESSEL Mining & Industries.	1			9495.15			9495.15	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				1874515.08		1874515.08	ANR 400
			147.496			1400496.64			1400496.64	ANR 200
			22.672			215274.04			215274.04	ANR 200
			26.00				348293.40		348293.40	ANR 400
		Total Keonjhar Division	**448.5064**	**0**	**0**	**2571552.484**	**2380162.079**	**0**	**4951714.563**	
10	Cuttack	Gurujanga Chromite Mines of Late M. Aikath in village Ostapal	14.836	340814.22					340814.22	
11	Cuttack	Damanijhar MIP	25.20	578897.17					578897.17	
12	Cuttack	Mining of Chromite in forest block No.27 of Mahagiri DPF by M/s Balasore Alloys Ltd.	22.25	511129.45					511129.45	
13	Cuttack	Mahagiri Chromite mines by M/s ICCL.	6.787		309561.52				309561.52	
		Total Cuttack Division	**69.073**	**1430840.84**	**309561.52**	**0.00**	**0.00**	**0.00**	**1740402.36**	
14	Rajnagar (WL)	Establishment of Integrated Steel Plant & Captive part by POSCo India Private Ltd., Jagatsinghpur	38.00	756663.60					756663.60	Mangrove with 4445 potted seedling @ 19912.20 per ha
		Total Rajnagar (WL) Division	**38.00**	**756663.60**	**0.00**	**0.00**	**0.00**	**0.00**	**756663.60**	
15	Rairangpur	Suleipat Iron Mines of M/s B. C. Dagara	40.78	936802.65					936802.65	
		Total Rairangpur Division	**40.78**	**936802.65**	**0.00**	**0.00**	**0.00**	**0.00**	**936802.65**	
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	1899030			1899030	
			188.55	0	0			1114229.19	1114229.19	
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.	33.31	0	1519300.745				1519300.745	Out of 35 ha 1.69 ha was not taken up
			0.00	0	0				0.00	Bald hill 190 ha was not taken up
18	Kalahandi South	Diversion of 79.30 ha forest land in Tiringpahar Mines of M/s OMC Ltd.	0	0	0				0.00	Bald hill 60.896 ha was not taken up
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.	24.694	0	1126316.799				1126316.80	Out of 447.2285 ha 422.5345 ha was not taken up

		Total Kalahandi South Division	**446.5560**	**0.00**	**2645617.54**	**1899030.00**	**0.00**	**1114229.19**	**5658876.73**	
		Total (A)	**1042.9154**	**3124307.09**	**2955179.06**	**4470582.48**	**2380162.08**	**1114229.19**	**14044459.90**	
		(C)To be executed from Interest Head								
1	Rourkela	Constructon of TOMA system of Rourkela Steel Plant	0.0225	0	0	213.640875	0	0	213.640875	ANR 200
		Total Rourkela Division	**0.0225**	**0**	**0**	**213.640875**	**0**	**0**	**213.640875**	
2	Keonjhar	ML of Niranjan Pattanaik in Jururi Iron mines	3.29			31239.0435			31239.0435	ANR 200
3	Keonjhar	Joda East Iron mines of TISCO	8.4561				113277.07		113277.07	ANR 400
4	Keonjhar	Daitari-Banspani Rly line	0			0			0	ANR 200 over 34.3734 ha was not taken up
5	Keonjhar	Belakundi iron mines by OMDC	23.194			220230.5091			220230.5091	ANR 200
6	Keonjhar	Joda-Bamebari Express way-II	1.30			12343.695			12343.695	ANR 200
7	Keonjhar	Dalki manganese mines by B.P & M.E	0.66			6266.799			6266.799	ANR 200
8	Keonjhar	Roida 'C' Iron & Manganese Mines by OMC Ltd.	50.00			474757.5			474757.5	ANR 200
9	Keonjhar	Kalaparabat Iron Mines by M/S B.D.Pattanaik Pvt. Ltd.	0			0			0	ANR 200 over 10.21 ha was not taken up
10	Keonjhar	Belda Block iron mines by M/S Serajudin & Co.	22.8392			216861.6299			216861.6299	ANR 200
11	Keonjhar	RML of Balita iron mines by Dr.S.Pradhan	0			0			0	ANR 200 over 13.09 ha was not taken up
		Total Keonjhar Division	**109.7393**	**0**	**0**	**961699.1765**	**113277.07**	**0**	**1074976.246**	
12	Cuttack	Iron Ore based Industries at Jakhapura near Daitari Kalinga Steel Plant	24.20	555925.062					555925.062	
		Total Cuttack Division	**24.20**	**555925.06**	**0.00**	**0.00**	**0.00**	**0.00**	**555925.06**	
13	Dhenkanal	Bridge over Dhanianala	0.41	9418.5651					9418.5651	
		Total Dhenkanal Division	**0.41**	**9418.5651**	**0**	**0**	**0**	**0**	**9418.5651**	
14	Athgarh	Kaliapani Chromite mines by M/S Jindal Strips	0	0					0	AR 21.62 ha was not taken up
		Total Athgarh Division	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
15	Chandaka (WL)	Const. of new road connected to Nayapalli peripheral road to Chandaka near Kalinga Studio, Bhubaneswar	4.50	103374.495					103374.495	
		Total Chandaka (WL) Division	**4.50**	**103374.50**	**0.00**	**0.00**	**0.00**	**0.00**	**103374.50**	
16	Keonjhar WL	Dhanurjaypur Chromite mines of M/s IMFA	2.00	45944.22					45944.22	
		Total Keonjhar (WL) Division	**2.00**	**45944.22**	**0.00**	**0.00**	**0.00**	**0.00**	**45944.22**	
17	Khariar	Pendrawan MIP	1.95	44795.6145					44795.6145	
		Total Khariar Division	**1.95**	**44795.6145**	**0**	**0**	**0**	**0**	**44795.6145**	
		Total (C)	**142.8218**	**759457.96**	**0.00**	**961912.82**	**113277.07**	**0.00**	**1834647.84**	
		Grand Total	**1185.7372**	**3883765.0459**	**2955179.0615**	**5432495.3016**	**2493439.1486**	**1114229.1888**	**15879107.7462**	

Second year CATP To be carried out during 2023-24 as per approved scheme				
Sl 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 @ 9495.15	949515
			Incentive to VSS	100000
			Lemon Grass Plantation	0
			Distribution of fruit bearing plants	437500
			Sub-surface seepage control puddle clay structure	0
			Sub-surface seepage control concrete structure	0
			ToTal	**1487015**
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/Revulets2 No	250000
			SMC 100 ha	448600
			Treatment of Nalla/River bank 2 No	1443000
			Total	**3575350**
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 5 ha @ 32616.99	Not undertaken as the area is in Malkangiri Division
			AR 1600 plants without fencing 40 ha @ 32616.99	
			Total	**0**
			Grand Total	**5062365**

Second year maintenance of Tall Trees plantation in lieu of permission granted for exploration of 2022-23 to be taken up during 2023-24												
Sl No		**Name of the Project**								**Other Stipulation**		
	Division		**Component**	**AR**	**Tall Tree Plantation in No**	**Block 1600 without Fencing @ 22972.11**	**ANR 200 @ 9495.15**	**ANR 800 @ 20672.40**	**Urban plantation 1000 plants @ 168010.50**	**Item**	**Amount (in Rs)**	**Total**
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			194892.18			194892.18
										Repair of Bamboo twig continuous Fening 530 Rmt @ 40.00 per Rmt.	21200	21200
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		36985.097						36985.0971
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				1090388.1			1090388.15
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				453628.35			453628.35
										Repair of Bamboo Gabion @ Rs. 40/- per plant	108000	108000
	Keonjhar		Tall tree plantation 600 Nos		600				100806.3			100806.3
										Repair of Bamboo twig continuous Fening 473 Rmt @ 40	18920.00	18920.00
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				100806.3			100806.3
		Total		**1.61**	**11550**	**36985.097**	**0**	**0**	**1940521.3**	**0**	**148120**	**2125626.37**

Second Year Maintenance of Other Stipulations to be taken up during 2023-24																		
Sl 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 315/- MD							Other Activities			
								Block 1600 without Fencing @ 22972.11	Block 1000 without Fencing @ 18563.30	ANR 200 @ 9495.15	ANR 400 @13395.90	ANR 600 @16929.15	ANR 800 @ 20672.40	Urban plantation 1000 plants @ 168010.50	Item	Amount in Rs	Total	Type
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	77594.59					0			77594.594	AR with 1000 Plant
															Special Plantation Watcher 1 No	119880.00	119880	
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							16801.05			16801.05	
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							16801.05			16801.05	
															Repair of Gabion @ Rs 50/- per plant	5000	5000	
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				1500							252015.75			252015.75	
															Gabion @ Rs 40/- per plant	60000	60000	
			Dwarf tree plantation	0.378		0.378		8683.46									8683.45758	AR with 1600 Plant
															Watering 8 months in 2nd year	39391.55	39391.55	Cost @ 65.11 per plant for 605 plant
5	Jharsuguda	Diversion of Addl. 230.20 ha forest land in Samaleswari OCP expansion (Phase-IV) of M/s MCL Limited	1.5 SZ		6.00	6.00							89814.00				89814	ANR 500 Plants. 2nd year @ Rs 14969/- per ha as per one time cost norm.
6	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	Tall tree plantation 540 Nos		2.7	2.7				25636.91							25636.905	ANR 200 plants
			Dwarf tree plantation	0.054	0.834	0.888		1240.49		7918.96							9159.44904	AR 1600 plants without fencing 0.054 ha & ANR 200 plants 0.834 ha
															Watering 8 months in 2nd year	18722	18722	Cost @74/- per plant for 253 plant
7	Angul	Diversion of 1.3841 ha forest land for construction of diversion portion of 400 KV Talcher-	Dwarf tree plantation	0.0903	1.2035	1.2938		2074.38		11427.41							13501.79456	
															Watering 8 months in 2nd year	28490	28490	Cost @ 74/- per plant for 385 plant

		Meramunduli DS transmission line by PGCIL																
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		75807.963									75807.963	
9	Keonjhar	Diversion of 360.01 ha forest land in Katamati Iron Mines of M/s Tata Steel Ltd.	1.5 SZ	4.737		4.737		108818.89									108818.8851	
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				72163.14							72163.14	ANR 200 plants
		Total		**12.7393**	**18.338**	**31.0768**	**1700**	**196625.18**	**77594.59**	**117146.41**	**0**	**0**	**89814**	**285617.85**	**0**	**271483.55**	**1038281.59**	

Third Year maintenance of CA,PCA,ACA of 2021-22 to be carried out during 2023-24																	
Sl 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 third year maintenance to be released during 2023-24 as per Approved Cost Norm @ Rs.333/- per MD**									
								Block 1600 plant without fencing @ Rs. 13204.80	**ANR with 200 plant @ Rs. 3706.50**	**ANR with 400 plant @ Rs. 4195.80**	**ANR with 600 plant @ Rs. 4895.10**	**ANR with 800 plant @ Rs. 5594.40**	**ANR without Gap @ Rs. 3112.20**	**Bald Hill without fencing @ Rs. 20279.70**	**Total**	**Remarks**
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	475128.82	0.00	0.00	0.00	0.00	0.00	475128.82	ANR With 200 Plants
			0	96.14	0	0	96.14	0.00	0.00	403384.21	0.00	0.00	0.00	0.00	403384.21	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	71349.58	0.00	0.00	0.00	0.00	71349.58	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 plants147.496 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 plants22.672 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 plants26.00 ha not achieved
		Total Keonjhar Division	**0.000**	**241.333**	**0.000**	**0.000**	**241.33**	**0.00**	**475128.82**	**474733.79**	**0.00**	**0.00**	**0.00**	**0.00**	**949862.61**	
3	Rourkela	Diversion of balance 87.09 ha forest land in addition to 1225.78 ha early diverted forest land in Bolani Iron Mines (5.10 Sq Mile) of M/s SAIL	0	169.72	0	0	169.72	0.00	629067.18	0.00	0.00	0.00	0.00	0.00	629067.18	ANR With 200 Plants
		Total Rourkela Division	**0**	**169.72**	**0**	**0**	**169.72**	**0**	**629067.18**	**0**	**0**	**0**	**0**	**0**	**629067.18**	
4	Keonjhar WL	Diversion of balance 87.09 ha forest land in	0	5.18	0	0	5.18	0.00	0.00	0.00	25356.62	0.00	0.00	0.00	25356.62	ANR With 600 Plants

		addition to 1225.78 ha early diverted forest land in Bolani Iron Mines (5.10 Sq Mile) of M/s SAIL														
5	Keonjhar WL	Diversion of 24.9612 ha forest land for construction of 132 KVDC transmission line from Brahmanipal to Daitary and 132/33 KV 12.5 MVA Sub-station at Daitary by IDCO on behalf of M/s OMC Ltd.	0	2.501	0	22.500	25.001	0.00	9269.96	0.00	0.00	0.00	0.00	586112.63	595382.58	ANR With 200 Plants. Bald Hill with Fencing @ 26049.45
		Total Keonjhar WL Division	**0**	**7.681**	**0**	**22.5**	**30.18**	**0.00**	**9269.96**	**0.00**	**25356.62**	**0.00**	**0.00**	**586112.63**	**620739.20**	
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 Pooling Station at Kenapali by PGCIL	0	9.36	0	0	9.36	0.00	0.00	39272.69	0.00	0.00	0.00	0.00	39272.69	ANR With 400 Plants
			0	368.00	0	0	368.00	0.00	0.00	1544054.40	0.00	0.00	0.00	0.00	1544054.40	ANR With 400 Plants
		Total Kalahandi North Division	**0**	**377.36**	**0**	**0**	**377.36**	**0**	**0**	**1583327.088**	**0**	**0**	**0**	**0**	**1583327.09**	
7	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	0	24.162	0.00	0	24.162	0.00	0.00	101378.92	0.00	0.00	0.00	0.00	101378.92	ANR With 400 Plants
		Total Jharsuguda Division	**0**	**24.162**	**0**	**0**	**24.162**	**0**	**0**	**101378.9196**	**0**	**0**	**0**	**0**	**101378.92**	
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 Pooling Station at Kenapali by PGCIL	0	88.20	0.00	0	88.20	0.00	0.00	370069.56	0.00	0.00	0.00	0.00	370069.56	ANR With 400 Plants
		Total Sambalpur Division	**0**	**88.2**	**0**	**0**	**88.2**	**0**	**0**	**370069.56**	**0**	**0**	**0**	**0**	**370069.56**	
9	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	0	176.2314	0.00	0	176.2314	0.00	653201.68	0.00	0.00	0.00	0.00	0.00	653201.68	ANR With 200 Plants
		Total Athmallik Division	**0**	**176.2314**	**0**	**0**	**176.2314**	**0**	**653201.68**	**0**	**0**	**0**	**0**	**0**	**653201.684**	
10	Rairakhol	Diversion of 461.1496 ha forest land construction of 765 KV/DC Angul-Jharsuguda second transmission line from Angul Pooling Station to	0	63.00	0.00	0	63.00	0.00	233509.50	0.00	0.00	0.00	0.00	0.00	233509.50	ANR With 200 Plants

		Jharsuguda Pooling Station at Kenapali by PGCIL														
		Total Rairakhol Division	**0**	**63.00**	**0**	**0**	**63.00**	**0**	**233509.5**	**0**	**0**	**0**	**0**	**0**	**233509.5**	
11	Bargarh	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	0	35.13	0.00	0	35.13	0.00	0.00	147398.45	0.00	0.00	0.00	0.00	147398.45	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 Pooling Station to Jharsuguda Pooling Station at Kenapali by PGCIL	0	158.216	0.00	0	158.216	0.00	0.00	663842.69	0.00	0.00	0.00	0.00	663842.69	ANR With 400 Plants
		Total Bargarh Division	**0**	**193.346**	**0**	**0**	**193.346**	**0**	**0**	**811241.15**	**0**	**0**	**0**	**0**	**811241.147**	
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	229499.42	0.00	0.00	0.00	0.00	0.00	0.00	229499.42	
			8.552	0	0	0	8.552	112927.45	0.00	0.00	0.00	0.00	0.00	0.00	112927.45	
			0	0	0	17.38	17.38	0.00	0.00	0.00	0.00	0.00	0.00	352461.19	352461.19	Bald Hill without Fencing
		Total Rayagada Division	**25.932**	**0**	**0**	**17.38**	**43.312**	**342426.87**	**0**	**0**	**0**	**0**	**0**	**352461.19**	**694888.06**	
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	657901.44	0.00	0.00	0.00	657901.44	ANR With 600 plants
			0	88.398	0	0	88.398	0.00	0.00	370900.33	0.00	0.00	0.00	0.00	370900.33	ANR With 400 Plants
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) system in Jharsuguda and Sundargarh district by M/s OPGC Ltd	0	13.693	0	0	13.693	0.00	0.00	0.00	0.00	76604.12	0.00	0.00	76604.12	ANR with 800 plants
		Total Sundargarh Division	**0**	**236.491**	**0**	**0**	**236.491**	**0**	**0**	**370900.3284**	**657901.44**	**76604.119**	**0**	**0**	**1105405.89**	
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 Railways.	0	0	0	4.524	4.524	0.00	0.00	0.00	0.00	0.00	0.00	117847.71	117847.71	Bald Hill with Fencing @26049.45
		Total Cuttack Division	**0**	**0**	**0**	**4.524**	**4.524**	**0**	**0**	**0**	**0**	**0**	**0**	**117847.71**	**117847.712**	
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 Railway	0.000	490.96	0	0	490.96	0.00	0.00	0.00	0.00	2746626.62	0.00	0.00	2746626.62	ANR with 800 plant
			0.000	167.161	0	0	167.161	0.00	0.00	0.00	818269.81	0.00	0.00	0.00	818269.81	ANR With 600 plants
		Total Deogarh Division	**0.000**	**658.121**	**0.000**	**0.000**	**658.121**	**0.00**	**0.00**	**0.00**	**818269.81**	**2746626.62**	**0.00**	**0.00**	**3564896.44**	

18	Chandaka WL	Diversion of 10.617 ha forest land for construction of 200' Master Plan Road from Utkal Health Care Hospital to Rail Vihar by Executive Engineer, Bhubaneswar (R&B) Division III.	5.000	5.724	0	0	10.724	66024.00	0.00	0.00	28019.55	0.00	0.00	0.00	94043.55	ANR with 600 plants
		Total Chandaka WL Division	**5.000**	**5.724**	**0.000**	**0.000**	**10.724**	**66024.00**	**0.00**	**0.00**	**28019.55**	**0.00**	**0.00**	**0.00**	**94043.55**	
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	442682.12	0.00	0.00	0.00	0.00	0.00	442682.12	ANR with 200 plants
			12.000	28.000	0	0	40.00	158457.60	0.00	0.00	137062.80	0.00	0.00	0.00	295520.40	ANR with 600 plants
			0.000	5.000	0	0	5.00	0.00	0.00	24475.50	0.00	0.00	0.00	0.00	24475.50	ANR with 400 plants
		Total Nayagarh Division	**12.000**	**152.434**	**0.000**	**0.000**	**164.434**	**158457.60**	**442682.12**	**24475.50**	**137062.80**	**0.00**	**0.00**	**0.00**	**762678.02**	
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	203605.46	0.00	0.00	30609.20	0.00	158127.98	392342.63	ANR 5.4714 ha with 800 plant and 54.932 ha with 200 plant.Bald Hill with Fencing @ 26049.45 per ha
		Total Angul Division	**0.000**	**60.403**	**0.000**	**6.070**	**66.474**	**0.00**	**203605.46**	**0.00**	**0.00**	**30609.20**	**0.00**	**158127.98**	**392342.63**	
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 mining operation in Kurmitar and Rantha Iron Mines by M/s OMC Ltd.	0	0	3.912	8.00	11.912	0.00	0.00	0.00	0.00	0.00	12174.93	162237.60	174412.53	Bald Hill without Fencing
		Total Kalahandi South Division	**0**	**0**	**3.912**	**8**	**11.912**	**0**	**0**	**0**	**0**	**0**	**12174.926**	**162237.6**	**174412.53**	
		Total	**42.932**	**2454.207**	**3.912**	**58.474**	**2559.5251**	**566908.47**	**2646464.72**	**3736126.33**	**1666610.22**	**2853839.94**	**12174.93**	**1376787.10**	**12858911.72**	
		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	2092745.50	0.00	0.00	0.00	0.00	0.00	2092745.50	ANR with 200 plants
		Total Angul Division	**0.000**	**564.615**	**0.000**	**0.000**	**564.615**	**0.000**	**2092745.50**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**2092745.50**	
		Grand Total	**42.932**	**3018.822**	**3.912**	**58.474**	**3124.1401**	**566908.47**	**4739210.22**	**3736126.33**	**1666610.22**	**2853839.94**	**12174.93**	**1376787.10**	**14951657.22**	

Third Year maintenance of Left Over CA of 2021-22 to be carried out during 2023-24

Sl 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 third year maintenance to be released during 2023-24 as per Approved Cost Norm @ Rs.333/- per MD					Remarks
								Block 1600 plant without fencing @ Rs. 13204.80	ANR with 200 plant @ Rs. 3706.50	ANR without Gap @ Rs. 3112.20	Bald Hill without fencing @ Rs. 20279.70	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	5150496.25	5150496.25	
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	506992.50	506992.50	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	28576.22	0.00	28576.22	BaldHill 60.896 ha not acvieved.
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	792288.00	0.00	0.00	0.00	792288.00	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	145182.37	145182.37	
		Total Kalahandi South Division	**60.00**	**0**	**9.182**	**286.13**	**355.314**	**792288.00**	**0.00**	**28576.22**	**5802671.12**	**6623535.34**	
6	Rairangpur	Suleipat Iron Mines of B.C.Dagara	22.00				22.00	290505.60	0.00	0.00	0.00	290505.60	Out of 62.78 Ha, 22 ha achieved.
		Total Rairangpur Division	**22.00**	**0**	**0**	**0**	**22.00**	**290505.60**	**0.00**	**0.00**	**0.00**	**290505.60**	
		Grand Total	**82.000**	**0.000**	**9.182**	**286.132**	**377.3140**	**1082793.60**	**0.00**	**28576.22**	**5802671.12**	**6914040.94**	

Third Year maintenance of other stipulation of 2021-22 to be carried out during 2023-24

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 third year maintenance to be released during 2023-24 as per Approved Cost Norm @ Rs.333/- per MD								Remarks
								Block 1600 plant without fencing @ Rs. 13204.80	ANR with 200 plant @ Rs. 3706.50	ANR with 400 plant @ Rs. 4195.80	ANR with 600 plant @ Rs. 4895.10	ANR with 800 plant @ Rs. 5594.40	Avenue Plantn @ 31468.50	Urban Plantn @ 73287.90	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	27692.28	0.00	27692.28	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**	**27692.28**	**0.00**	**27692.28**	
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 RKM	0.00	74997.32	0.00	0.00	0.00	318335.35	0.00	393332.67	ANR with 200 Plants.
		Total Rourkela Division	**0**	**0**	**20.234**	**20.234**	**10.116 RKM**	**0.00**	**74997.32**	**0.00**	**0.00**	**0.00**	**318335.35**	**0.00**	**393332.67**	
3	Keonjhar WL	Diversion of 24.9612 ha forest land for construction of 132 KVDC transmission line from Brahmanipal to	Dwarf Tree Plantation	5.28	0	5.28	0	69721.34	0.00	0.00	0.00	0.00	0.00	0.00	69721.34	
		Total Keonjhar WL Division	**0**	**5.28**	**0**	**5.28**	**0**	**69721.34**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**69721.34**	
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	24451.02	0.00	0.00	0.00	0.00	24451.02	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		13204.80	200957.16						214161.96	ANR with 200 Plants
		Total Jharsuguda Division	**0**	**1**	**60.045**	**61.045**	**0**	**13204.80**	**200957.16**	**24451.02**	**0.00**	**0.00**	**0.00**	**0.00**	**238612.99**	
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		72203.85	0.00	107823.67	0.00	0.00	0.00	0.00	180027.51	ANR with 400 Plants.
				0	30.00	30			111195.00						111195.00	ANR with 200 Plants
		Total Sambalpur Division	**0**	**5.468**	**55.698**	**61.166**	**0**	**72203.85**	**111195.00**	**107823.67**	**0.00**	**0.00**	**0.00**	**0.00**	**291222.51**	
7	Athmallik	Diversion of 461.1496 ha	Dwarf Tree	13.6671	64.2354	77.9025		180471.32	238088.51	0.00	0.00	0.00	0.00	0.00	418559.83	ANR with
		Total Athmallik Division	**0**	**13.6671**	**64.2354**	**77.9025**	**0**	**180471.32**	**238088.51**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**418559.83**	
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		211276.80	222390.00	0.00	0.00	0.00	0.00	0.00	433666.80	ANR with 200 Plants
		Total Rairakhol Division	**0**	**16**	**60**	**76**	**0**	**211276.80**	**222390.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**433666.80**	
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 Industries Pvt. Ltd.	1.5 SZ	0	1.11	1.11	0	0.00	0.00	0.00	5433.56	0.00	0.00	0.00	5433.56	ANR With 600 Plants
			Gap Plantation	0	7.404	7.404		0.00	0.00	31065.70	0.00	0.00	0.00	0.00	31065.70	ANR With 400 Plants
		Total Rayagada Division	**0**	**0**	**8.514**	**8.514**	**0**	**0.00**	**0.00**	**31065.70**	**5433.56**	**0.00**	**0.00**	**0.00**	**36499.26**	
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		18024.55	67458.30	0.00	0.00	0.00	0.00	0.00	85482.85	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 plntation	5.997	28.186	34.183		79189.19	104471.41	0.00	0.00	0.00	0.00	0.00	183660.59	ANR With 200 Plants
		Total Sundargarh Division	**0**	**7.362**	**46.386**	**53.748**	**0**	**97213.74**	**171929.71**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**269143.45**	
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	8794.55	8794.55	In Urban Plantation mode.
		Total Bonai Division	**0.000**	**0.000**	**0.000**	**0.000**	**120**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**8794.55**	**8794.55**	
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	27272.70	0.00	0.00	0.00	0.00	27272.70	ANR With 400 Plants
			1.5 SZ		10	10		0.00	0.00	0.00	0.00	55944.00	0.00	0.00	55944.00	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		120308.93	85087.53	0.00	0.00	111142.27	0.00	0.00	316538.73	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**	**120308.93**	**85087.53**	**27272.70**	**0.00**	**167086.27**	**0.00**	**0.00**	**399755.43**	
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	34622.99	0.00	51700.65	0.00	0.00	0.00	0.00	86323.63	ANR With 400 Plants
		Total Bamra WL Division	**0**	**2.622**	**12.322**	**14.944**	**0**	**34622.99**	**0.00**	**51700.65**	**0.00**	**0.00**	**0.00**	**0.00**	**86323.63**	
		Grand Total		**60.510**	**386.757**	**447.268**	**10.116 RKM + 340 Nos**	**799023.77**	**1104645.23**	**242313.74**	**5433.56**	**167086.27**	**346027.63**	**8794.55**	**2673324.74**	

Fourth Year maintenance of CA,PCA,ACA of 2020-21 to be carried out during 2023-24																	
									Amount Required for fourth year maintenance to be released during 2023-24 as per Approved Cost Norm @ Rs.333/- per MD								
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. 6293.70**	**Block 1000 plant without fencing @ Rs.6293.70**	**ANR with 200 plant @ Rs. 1048.95**	**ANR with 400 plant @ Rs. 1048.95**	**ANR with 600 plant @ Rs. 1048..95**	**ANR with 800 plant @ Rs. 1048..95**	**ANR without Gap @ Rs. 1153.95**	**Bald Hill without fencing @ Rs. 18531.45**	**Total (In Rs.)**	**Remarks**
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		928876.38	928876.38	Bald Hill with Fencing @ Rs. 23601.90 per Ha.
			CA	0	0	0	72.035	72.035	0.00	0.00	0.00	0.00	0.00	0.00		1334913.00	1334913.00	
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	56876.17	0.00	0.00	0.00	0.00	0.00		0.00	56876.17	
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 area is fully covered with natural forest growth.
		Total Cuttack Division		**9.037**	**0**	**0**	**111.39**	**120.428**	**56876.1669**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2263789.38**	**2320665.54**	
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	115384.50	0.00	0.00		0.00	115384.50	ANR with 400 Plants
			CA	0	206			206	0.00	0.00	216083.70	0.00	0.00	0.00		0.00	216083.70	ANR with 200 Plants
		Total Sambalpur Division		**0**	**316**	**0**	**0**	**316**	0.00	**0.00**	**216083.70**	**115384.50**	**0.00**	**0.00**	**0.00**	**0.00**	**331468.20**	
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	12810.83	0.00	0.00		0.00	12810.83	ANR with 400 Plants
		Total Jharsuguda Division		**0**	**12.213**	**0**	**0**	**12.213**	0.00	**0.00**	**0.00**	**12810.83**	**0.00**	**0.00**	**0.00**	**0.00**	**12810.83**	
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	51239.11		0.00		0.00	51239.11	ANR with 400 Plants
		Total Bargarh Division		**0**	**48.848**	**0**	**0**	**48.848**	0.00	**0.00**	**0.00**	**51239.11**	**0.00**	**0.00**	**0.00**	**0.00**	**51239.11**	
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	13311.18	0.00	0.00	0.00		0.00	13311.18	ANR with 200 Plants
			PCA		69.52			69.52	0.00	0.00	72923.00	0.00	0.00	0.00		0.00	72923.00	ANR with 200 Plants
8	Keonjhar	Proposal for according permission for use of 8.2276 ha forest land	CA	3.228				3.228	0.00	20316.06	0.00	0.00	0.00	0.00		0.00	20316.06	AR with 1000 plant.

		within total ml block area of 256.304 ha for Manganese Mines in Dhanurjoypur,Kanarda.Laserda 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.															
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	891.61	0.00	0.00	0.00		0.00	891.61	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	3293.70	0.00		0.00	3293.70	Block plantation converted to ANR with 600 plants by DFO.
			PCA		2.00			2.00	0.00	0.00	0.00	2097.90	0.00	0.00		0.00	2097.90	ANR with 400 Plants
11	Keonjhar	Diversion of 3.5936 ha forest land including 0.586 ha SZ in Rebena RF for pyrophylite Mines by Shri K.B Pahi	CA		3.0176			3.0176	0.00	0.00	3165.31	0.00	0.00	0.00		0.00	3165.31	ANR with 200 Plants
		Total Keonjhar Division		**3.228**	**91.2176**	**0**	**0**	**94.4456**	**0**	**20316.06**	**90291.10**	**2097.90**	**3293.70**	**0.00**	**0.00**	**0.00**	**115998.77**	
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	36713.25	0.00	0.00	0.00		0.00	36713.25	ANR with 200 Plants
			CA		100			100	0.00	0.00	104895.00	0.00	0.00	0.00		0.00	104895.00	ANR with 200 Plants
			CA		213.319			213.319	0.00	0.00	223760.97	0.00	0.00	0.00		0.00	223760.97	ANR with 200 Plants
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	25174.80	0.00	0.00	0.00	0.00	6293.70		0.00	31468.50	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	7728.66	0.00	0.00	0.00	0.00			0.00	7728.66	
		Total Bonai Division		**5.228**	**354.319**	**0**	**0**	**359.547**	**32903.4636**	**0.00**	**365369.22**	**0.00**	**0.00**	**6293.70**	**0.00**	**0.00**	**404566.38**	
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	167557.18	0.00	0.00	0.00	0.00			0.00	167557.18	
			PCA	11.05				11.050	69545.39	0.00	0.00	0.00	0.00			0.00	69545.39	
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	35326.54	0.00	0.00			0.00	35326.54	ANR with 200 Plants
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	260796.24	0.00	0.00			0.00	260796.24	
18	Rourkela	Adaghat Mines of M/s National	CA	0	13.674			13.674	0.00	0.00	14343.34	0.00	0.00			0.00	14343.34	

		Enterprises																
		Total Rourkela Division		**37.673**	**295.978**	**0**	**0**	**333.651**	**237102.56**	**0.00**	**310466.12**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**547568.68**	**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	81243.28		0.00	81243.28	ANR with 800 Plants
		Total Deogarh Division		**0**	**77.452**	**0**	**0**	**77.452**	**0**	**0.00**	**0.00**	**0.00**	**0.00**	**81243.28**	**0.00**	**0.00**	**81243.28**	
20	Keonjhar WL	Diversion of 3.5936 ha forest land including 0.586 ha SZ in Rebena RF for pyrophylite Mines by Shri K.B Pahi	PCA	0	1.1			1.1	0.00	0.00	0.00	0.00	1153.85			0.00	1153.85	ANR with 600 plants.
		Total Keonjhar WL Division		**0**	**1.1**	**0**	**0**	**1.1**	**0**	**0.00**	**0.00**	**0.00**	**1153.85**	**0.00**	**0.00**	**0.00**	**1153.85**	**0**
21	Khurdha	Diversion of 8.094 ha forest land in favour of Xaviour Institute of Management in Bhubaneswar	PCA	0	24.282			24.282	0.00	0.00	25470.60	0.00	0.00			0.00	25470.60	ANR with 200 Plants
		Total Khurdha Division		**0**	**24.282**	**0**	**0**	**24.282**	**0**	**0.00**	**25470.60**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**25470.60**	
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	206920.07			0.00	206920.07	ANR with 600 plants.
		Total Nayagarh Division		**0**	**197.264**	**0**	**0**	**197.264**	**0**	**0.00**	**0.00**	**0.00**	**206920.07**	**0.00**	**0.00**	**0.00**	**206920.07**	
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	23865.71	0.00	0.00	0.00	0.00			0.00	23865.71	
			PCA		0.01357			0.01357	0.00	0.00	14.23	0.00	0.00			0.00	14.23	ANR with 200 Plants
		Total Berhampur Division		**3.792**	**0.01357**	**0**	**0**	**3.80557**	**23865.7104**	**0.00**	**14.23**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**23879.94**	**0**
24	Rayagada	Diversion of 3.278 ha forest land in Bandhamundi Graphite Mines of M/s Pdadhan Industries	CA	3.278				3.278	20630.75	0.00	0.00	0.00	0.00			0.00	20630.75	
			PCA	16.39				16.39	103153.74	0.00	0.00	0.00	0.00			0.00	103153.74	
		Total Rayagada Division		**19.668**	**0**	**0**	**0**	**19.668**	**123784.492**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**123784.49**	
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			5014443.59	5014443.59	As reported by DFO, Kalahandi South division CA over 270.591 ha has been achieved and 122.03 ha could not be taken up.
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	104895.00	0.00		125198.96	926572.50	1156666.46	As reported by DFO, Kalahandi South division CA over 258.496 ha has been achieved and 50 ha Bald hill plantation could not be taken up. ANR with 400 plants.
27	Kalahandi South	Permission for exploratory drilling of 82 No of boreholes over 6.5495	CA				4.9095	4.9095	0.00	0.00	0.00	0.00	0.00			90980.15	90980.15	

		ha including 4.9095 ha forest land for construction of road in Balipada-Mahagiri Chromite Mines by M/s OMC Ltd.																
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	As reported by DFO, Kalahandi South division CA over 70.078 ha(9.182 ha ANR without Gap + 60.896 ha Bald Hill) could not be taken up.
			CA				9.222	9.222	0.00	0.00	0.00	0.00	0.00	0.00		170897.03	170897.03	
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	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		144100.56	144100.56	
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		166078.85	166078.85	
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	393496.95	0.00	393496.95	As reported by DFO, Kalahandi South division CA over 341 ha ANR without gap has been achieved and 150 ha block plantation could not be taken up.
			CA				45.00	45.00	0.00	0.00	0.00	0.00	0.00	0.00		833915.25	833915.25	
		Total Kalahandi South Division		**0**	**100**	**449.496**	**396.46**	**945.9565**	**0**	**0.00**	**0.00**	**104895.00**	**0.00**	**0.00**	**518695.91**	**7346987.93**	**7970578.84**	
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	246503.25	0.00	0.00		0.00	246503.25	ANR with 400 Plants
			CA		80			80	0.00	0.00	0.00	83916.00	0.00	0.00		0.00	83916.00	ANR with 400 Plants
34	Bolangir	Diversion of 1038.187 ha forest land including 4.051 ha Safety Zone within the leasehold area of	CA		343			343	0.00	0.00	0.00	359789.85	0.00	0.00		0.00	359789.85	ANR with 400 Plants
			CA		221			221	0.00	0.00	0.00	231817.95	0.00	0.00		0.00	231817.95	ANR with 400

		1914.063 ha for Open Cast Mining Project of M/s Neyveli Lignite Corporation (NLC) India Ltd. (Earlier M/s MNH Shakti Ltd.)																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	8958.03	0.00	0.00	0.00		0.00	8958.03	ANR with 200 Plants
		Total Bolangir Division		**0**	**887.54**	**0**	**0**	**887.54**	**0**	**0.00**	**8958.03**	**922027.05**	**0.00**	**0.00**	**0.00**	**0.00**	**930985.08**	
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	146853.00		4220370.00	4367223.00	ANR with 800 Plants
		Total Subarnapur Division		**0.000**	**140.000**	**0.000**	**220.000**	**360.000**	**0.000**	**0.00**	**0.00**	**0.00**	**0.00**	**146853.00**	**0.00**	**4220370.00**	**4367223.00**	
		Grand Total		**78.626**	**2546.227**	**449.496**	**727.852**	**3802.201**	**474532.39**	**20316.06**	**1016653.01**	**1208454.39**	**211367.62**	**234389.98**	**518695.91**	**13831147.31**	**17515556.67**	

Fourth Year maintenance of other stipulation of 2020-21 to be carried out during 2023-24

Sl No	Name of the Division	Name of the Project	Component	Block	ANR	Total	Tree Plantation In Nos	Amount Required for fourth nd year maintenance to be released during 2023-24 as per Approved Cost Norm @ Rs.333/- per MD							Remarks
								Block 1600 plant without fencing @ Rs. 6293.70	ANR with 200 plant @ Rs. 1048..95	ANR with 400 plant @ Rs. 1048..95	ANR with 600 plant @ Rs. 1048..95	ANR with 800 plant @ Rs. 1048..95	Tree Plantation (urban mode) @ Rs. 65034.90 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	5758.74	0.00	5758.74	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 Plantation982 Nos	0.982	0.00	0.982		6180.41	0.00	0.00	0.00	0.00	0.00	6180.41	
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		23318.16	0.00	0.00	0.00	0.00	0.00	23318.16	
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	75440.48	75440.48	
5	Keonjhar WL	Diversion of 3.5936 ha forest land including 0.586 ha SZ in Rebena RF for pyrophylite Mines by Shri K.B Pahi	1.5 SZ	0.00	0.879	0.879		0.00	0.00	0.00	922.03	0.00	0.00	922.03	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		1667.83	2101.05	0.00	0.00	0.00	0.00	3768.88	
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		320.98	408.04	0.00	0.00	0.00	0.00	729.02	
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		8937.05	11276.21	0.00	0.00	0.00	0.00	20213.27	
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 Gonua Iron & Mn mines for 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.	Tall Tree Plantation	0.00	0.00	0.00	240	0.00	0.00	0.00	0.00	0.00	15608.38	15608.38	
10	Dhenkanal	Diversion of 98.632 ha forest land for construction	Dwarf Tree	0.819	6.43	7.249		5154.54	6744.75	0.00	0.00	0.00		11899.29	

		of 765 KV/DC transmission line from Angul Pooling Station to Ramakrishnapuram Pooling Station in Srikakulam district of AP.	Plantation												
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	1910.14	0.00	0.00	0.00		1910.14	
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	41473.39	0.00	0.00	0.00		41473.39	
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	70489.44	70489.44	Avenue @ Rs.27972 per 250 Plants
			Plantation on bothside of road	0.00	12.00	12.00		0.00	12587.40	0.00	0.00	0.00		12587.40	
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	1573.43	0.00	0.00		1573.43	
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	23412.56	23412.56	
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	67636.30	67636.30	
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	61132.81	61132.81	
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	23204.87		23204.87	ANR with 800 plants.
			Gap Plantation	0.00	15.00	15.00		0.00	0.00	0.00	15734.25	0.00		15734.25	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	44223.73	44223.73	
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		10025.86	21050.33	0.00	0.00	0.00		31076.19	
		Total		**8.835**	**137.99**	**146.825**	**5050**	**55604.84**	**97551.30**	**1573.43**	**16656.28**	**28963.61**	**357943.70**	**558293.15**	

Fifth Year Maintenance cost of CA PCA Addl CA of 2019-20 to be carried out during 2023-24															
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 fifth year maintenance to be released during 2023-24 as per Approved Cost Norm @ Rs.333/- per MD (In Rs)							Remarks
								Block with 1600 plants without Fencin @ Rs.6293.70 per Ha	ANR with 200 plants per Ha @ Rs. 1048.95 per Ha	ANR with 400 plants per Ha @ Rs 1048.95 per Ha	ANR with 600 plants per Ha @ Rs 1048.95 per Ha	ANR with 800 plants per Ha @ Rs.1048.95 per Ha	Bald Hill Plantation without fencing @ Rs. 18531.45 per Ha.	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	43263.10	0.00	0.00	0.00	43263.10	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	175111.71	0.00	0.00	0.00	0.00	175111.71	
3	Keonjhar	Diversion of 151.94 ha forest land for four/six laning, wideningand 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	318754.93	0.00	0.00	0.00	0.00	318754.926	
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	66742.59	0.00	0.00	0.00	66742.59	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	228482.29	0.00	0.00	0.00	0.00	228482.289	
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	186501.21	0.00	0.00	186501.21	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	125995.68	0.00	0.00	0.00	0.00	125995.68	
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	39671.29	0.00	0.00	0.00	39671.29	ANR with 400 plants per Ha
9	Angul	Diversion of 1.23 ha of forest land as per Sabik record for	CA	1.23	0		1.23	7741.25	0.00	0.00	0.00	0.00	0.00	7741.25	

		setting up Railway siding by M/s Global Coal Mining Private Ltd.													
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	925173.90	0.00	0.00	0.00	0.00	925173.90	
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	516083.40	0.00	0.00	0.00	0.00	0.00	516083.40	
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	370629.00	370629.00	
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	201398.40	0.00	0.00	0.00	201398.40	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	505593.90	0.00	505593.90	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 Koraput District by M/s NALCo Ltd.	CA	0.00	8.00	15.00	23.00	0.00	0.00	0.00	0.00	8391.60	277971.75	286363.35	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 approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	CA	0	96.419		96.419	0.00	101138.71	0.00	0.00	0.00	0.00	101138.71	Intially the CA scheme was 96.419 ha AR plantation.As forest growth came up in the identified CA area, DFO has 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 Authority.
			Addl CA for plantation of balance seedling	84.366			84.366	530974.29	0.00	0.00	0.00	0.00	0.00	530974.29	
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	86890.82	0.00	0.00	0.00	0.00	0.00	86890.82	

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	314685.00	0.00	0.00	0.00	0.00	0.00	314685.00	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	2707685.75	2707685.75	As reported by DFO, 146.113 ha Bald Hill Plantation undertaken. 87.23 ha not undertaken.
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	859618.37	859618.37	
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	103134.86	0.00	0.00	0.00	0.00	0.00	103134.86	
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	38811.15	0.00	0.00	0.00	38811.15	ANR with 400Plants per Ha
		Total		**247.7890**	**2826.6652**	**227.5000**	**3301.9542**	**1559509.63**	**1874657.22**	**389886.53**	**186501.21**	**513985.50**	**4215904.88**	**8740444.97**	

Fifth Year Maintenance cost of Left over Canal Bank Plantation of 2019-20 to be carried out during 2023-24

Sl 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 5th year maintenance as per approved scheme.
		Total Canal Bank Plantation		**0**	**0**	**0**	**31.1 RKM**	**31.1 RKM**	**0**	**0.00**	

Fifth Year Maintenance cost of Left over CA of 2019-20 to be carried out during 2023-24

Sl 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 fifth year maintenance to be released during 2023-24 as per Approved Cost Norm @ Rs.333/- per MD				Remarks
									Block with 1600 plants without fencing @ Rs.6293.70 per Ha	ANR with 400 plants per Ha @ Rs 1048.95 per Ha	ANR without Gap Plantation Rs.1153.95 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	4699.30	0	4699.30	4.48 ha AR plantation converted to ANR with 400 plants by DFO.
2	Sundargarh	Diversion of 276.655 ha forest land including	CA	0	0	67.27	0	67.27	0	0.00	77626.2165	77626.22	

		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.											
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	3577.245	3577.25	
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	26310.06	26310.06	
		Total CA		**0.00**	**4.48**	**93.17**	**0.00**	**97.65**	**0.00**	**4699.30**	**107513.52**	**112212.82**	

FifthYear Maintenance cost of Other Stipulations of 2019-20 to be carried out during 2023-24

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 fifth year maintenance to be released during 2023-24 as per Approved Cost Norm @ Rs.333/- per MD							Remarks
								Block with 1600 plants without fencing @ Rs.6293.70 per Ha	ANR with 200 plants per Ha @ Rs. 1048.95 per Ha	ANR with 400 plants per Ha @ Rs 1048.95 per Ha	ANR with 600 plants per Ha @ Rs.1048.95 per Ha	ANR with 800 plants per Ha @ Rs.1048.95 per Ha	Bald Hill Plantation without fencing @ Rs. 18531.45 per Ha.	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	3177.27	0	0	0	0	3177.26955	
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	4765.90	0	0	0	0	4765.90433	
3	Keonjhar	Diversion of 151.94 ha forest land for four/six laning, wideningand strengthening of existing two lane of NH-215 from 0.00 Km to 163.00 Km by NHAI (Panikoili-Remuli Section)	10 time tree plantation	0	501.60	0.00	501.60	0	1671832.80	0	0	0	0	1671832.80	ANR with 300 Plants per Ha .@ Rs 3333/- per ha as per approved Scheme @ Rs.333/-MD
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	2622.38	0	0	0	2622.38	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	65126.82	0	0	0	0	65126.82	ANR with 300 Plants per Ha .@ Rs 3333/- per ha as per approved Scheme @ Rs.333/-MD
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	8.9640	42.130		51.094	56416.73	44192.26	0	0	0	0	100608.99	
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	17760.82	13912.22	0	0	0	0	31673.0453	
8	Koraput	`Diversion of 11.377 ha of forest land for construction of 220KV (S/C) transmission line	Dwarf Tree Plantation	9.00	0.00	0.00	9.00	252315.00	0.00	0	0	0	0	252315.00	3333 plants per Ha @ Rs 28035/-

		on DC tower from existing 220/33 KV sub-station of OPTCL at Laxmipur to premises of NALCo at Damanjodi in Koraput District by M/s NALCo Ltd.													per ha as per approved Scheme @ Rs.333/-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	503073.27	503073.27	
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	236013.75	0	236013.75	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	314685	0	209790	1853145	2377620.00	ANR @ 400 Plants per ha over 300 ha,ANR @ 800 Plants per ha over 200 ha. Bald Hill plantation without fencing over 100 ha
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	36713.25	0	36713.25	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	209790	0	209790.00	ANR with 800 Plants per Ha
14	Rayagada	Diversion of 233.343 ha of DLC forest land including 10.283 of Safety Zone in Baplilimali Bauxite Mines by M/s Utkal Alumina International Ltd.	1.5 SZ		23.64		23.64	0	0.00	0	0	24797.178	0	24797.18	ANR with 800 Plants per Ha
15	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.	Gap Plantation		37.53		37.53	0	39367.09	0	0	0	0	39367.09	
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	4405.59	0	0	0	0	4405.59	
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	52014.28	0	0	0	0	52014.28	
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	529999.47	529999.47	Bald Hill plantation with 800 plants per Ha.
			Total	**20.786**	**1661.563**	**155.747**	**1838.096**	**326492.55**	**1898794.25**	**317307.38**	**0.00**	**717104.18**	**2886217.74**	**6145916.09**	

Sixth Year Maintenance of CA PCA Addl CA of 2018-19 to be carried out during 2023-24										
Sl No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total in Ha	Amount Required for Sixth year maintenance to be released during 2023-24 as per Approved Cost Norm @ Rs333/- MD			Remarks
							Block with 1600 plants per Ha withou fencing @ Rs. 6293.70	ANR with 200 plants per Ha @ Rs. 1048.95 per Ha	Total	
		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.	CA	0.00	100.00	100.00	0.00	104895.00	104895.00	
	Bamra WL	Diversion 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	223782.99	223782.99	
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	18434.25	0.00	18434.25	
3	Chandaka WL	Diversion 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	152441.81	0.00	152441.81	Block Plantation in Urban Tree Plantation Mode.6th year cost @ Rs. 65034.90 per 1000 Nos.
4	Rourkela	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	CA	9.654	0.00	9.654	60759.38	0.00	60759.38	
	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	CA	7.719	0.00	7.719	48581.07	0.00	48581.07	
	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	94683.47	94683.47	
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	50916.03	0.00	50916.03	
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	89131.38	89131.38	
7	Sundargarh	Diversion of 19.70 ha of forest land for establishment of Railway corrider of Darlipali Super Thermal Power Project of M/s NTPC Ltd.	CA	39.40	0.00	39.40	247971.78	0.00	247971.78	
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	6293.70	0.00	6293.70	
	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	25804.17	0.00	25804.17	
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	32517.45	32517.45	ANR with gap plantation @ 400 plants per ha. 6th year maintenance cost @ Rs. 1048.95 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	32517.45	32517.45	
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	27272.70	27272.70	
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	14145.09	14145.09	ANR with gap plantation @ 600 plants per ha.6th year maintenance cost @ Rs. 1048.95 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	4075.17	4075.17	ANR with gap plantation @ 800 plants per ha. 6th year maintenance cost @ Rs. 1048.95 per Ha.
12	Angul	Diversion of 6.682 ha of forest land for coal transportation to coal washery	CA	6.682	0.00	6.682	42054.50	0.00	42054.50	

		by M/s Jindal Steel & Power Ltd.								
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	1232.94	0.00	1232.94	
	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.	PCA 0.5977 ha	0.00	0.5977	0.5977	0.00	626.96	626.96	
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	50156.59	50156.59	
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	276922.80	0.00	276922.80	
		Total		**125.2349**	**642.3607**	**767.5956**	**931412.4252**	**673804.2563**	**1605216.68**	
		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	72094.33	72094.33	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	50097.85	50097.85	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	322447.23	322447.23	PCA stipulated in Stage-II approval Order.
		Total		**0.0000**	**423.8900**	**423.8900**	**0.00**	**444639.42**	**444639.42**	
		Grand Total		**125.2349**	**1066.2507**	**1191.4856**	**931412.43**	**1118443.67**	**2049856.10**	

Sixth 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 2023-24

Sl No	Name of the Division	Name of the Project	Compo nent	Block In Ha	ANR with 200 Plants per Ha (In Ha)	Total In Ha	Amount Required forSixth year maintenance to be released during 2023-24 as per Approved Cost Norm @ Rs 333/- per MD			Remarks
							Block with 1600 plants per without fencing @ Rs.6293.70 per Ha	ANR with 200 plants per Ha @ Rs.1048.95 per Ha	Total	
1	Keonjhar	Daitary- Bansapani Railwayline	CA	0.0000	0.0000	0.0000	0.00	0.00	0.00	No Sixth year maintenance as per approved Scheme
				0.0000	0.0000	0.0000	0.00	0.00	0.00	No Sixth 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 Sixth 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 Sixth 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 Sixth 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 Sixth 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 Sixth 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 Sixth 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 Sixth 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 Sixth 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 Sixth year maintenance as per approved Scheme
10	Deogarh	Rengali Maj IP	CA	35.5800	0.0000	35.5800	223929.85	0.00	223929.85	
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 Sixth 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 Sixth year maintenance as per approved Scheme
		Total		**35.5800**	**0.0000**	**35.5800**	**223929.85**	**0.00**	**223929.85**	

Sixth Year maintenance of Surrendered CA,PCA,Addl CA of 2018-19 to be taken up during 2023-24

Sl No	Name of the Division	Name of the Project	Compo nent	Block in Ha	ANR in Ha	Total Area in Ha	Amount Required for sixth year maintenance to be released during 2023-24 as per Approved Cost Norm @ Rs333/- per MD			Remarks
							Block with 1600 plants per hawithout fencing @ Rs. 6293.70	ANR with 200 plants per Ha @ Rs. 1048.95 per Ha	Total	
1	Keonjhar WL	Daitary Expansion Project of M/s OMC Ltd.	CA	0.0000	42.0000	42.0000	0.00	44055.90	44055.90	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	32312.59	32312.59	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	20265.71	0.00	20265.71	Not undertaken during 2017-18 and DFO proposed to take up during 2018-19.
		Total		**3.2200**	**72.8047**	**76.0247**	**20265.71**	**76368.49**	**96634.20**	

Sixth Year maintenance of other stipulations of 2018-19 to be carried out during 2023-24										
Sl No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total in Ha	Amount Required for sixth year maintenance to be released during 2023-24 as per Approved Cost Norm @ Rs 333/- MD			Remarks
							Block with 1600 plants per Ha withou fencing @ Rs. 6293.70	ANR with 200 plants per Ha @ Rs. 1048.95 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	4200.00	4200.00	
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	23695.78	0.00	23695.78	
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	38506.95	38506.95	
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	860.14	860.14	
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	8521.67	1924.82	10446.49	
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	4225.17	4225.17	
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	3419.58	3419.58	ANR with gap plantation @ 400 plants per ha. 6th year cost @Rs. 1048.95 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	7543.00	7543.00	
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	27748.92	3082.86	30831.79	
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	3874.82	3874.82	
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	5796.50	0.00	5796.50	
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	15545.44	15545.44	
		Total		**10.449**	**79.301**	**89.750**	**65762.87**	**83182.78**	**148945.66**	
		(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**	**65762.87**	**83182.78**	**148945.66**	
		(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	71608.32	6th year maintenance cost of Avenue Plantation @ Rs 27972/- 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 6th Year Maintenance as per approved scheme.
		Total				**640**			**71608.32**	
		Grand Total A+B+C							**220553.98**	

Sixth Year maintenance of Other Stipulation of 2018-19 to be taken up during 2023-24											
Sl No	Name of the Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total in Ha	Amount Required for sixth year maintenance to be released during 2023-24 as per Approved Cost Norm @ Rs333/- per MD				
							Block with 1600 plants per hawithout fencing @ Rs. 6293.70	ANR with 200 plants per Ha @ Rs. 1048.95 per Ha	Avenue Plantation @ Rs.27972/- 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	0.00	0.00	As reported by DFO City division, 5000 Nos has been planted out of 8000Nos. No Sixth year maintenance as per approved scheme.
2	Puri WL	Construction of 4/6 laning of Bhubaneswar to Puri NH-203	Avenue Plantation	0	0	2000 Nos	0.00	0.00	0.00	0.00	As reported by DFO Puri WL division, out of target of 7959 nos, 2000 nos could be planted.Avunue plantation. No Sixth year maintenance as per approved scheme.
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**	**0.00**	**0.00**	

Seventh Year Maintenance of Current CA PCA Addl CA of 2017-18 to be taken up during 2023-24											
Sl No	Name of the Division	Name of the Project	Compo nent	Block in Ha	ANR in Ha	BaldHill In Ha	Total in Ha	Funds Required for seventh Year Maintenance as per approved cost norm @ Rs.333/- per MD				Remarks
								Block @ Rs. 6293.70 per Ha	ANR with 200 plants per Ha @ Rs.1048.95 per Ha	Bald Hill @ Rs. 18531.45 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	1204544.25	1204544.25	
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	50874.08	0.00	50874.08	
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	10258.73	0.00	10258.73	
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	20120.96	0.00	0.00	20120.96	
6	Cuttack	Salijanga Quartz & Quartzite mining by Sri P.N. Sahu	PCA	0.000	6.000	0.000	6.000	0.00	6293.70	0.00	6293.70	
7	Dhenkanal	South Kaliapani Chromite Mines of M/s OMC Ltd.	CA	0.000	272.076	0.000	272.076	0.00	285394.12	0.00	285394.12	
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	19862.92	0.00	0.00	19862.92	
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	67481.05	0.00	67481.05	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	1713.98	0.00	1713.98	
12	Bonai	Raikela Iron Mines of Sri Prabodh Mohanty	PCA	0.000	25.000	0.000	25	0.00	26223.75	0.00	26223.75	
13	Sundargarh	Dulanga Coal Block by M/s NTPC Ltd.	CA	0.000	609.500	0.000	609.50	0.00	639335.03	0.00	639335.03	
		Total		**6.3530**	**1036.8220**	**65.0000**	**1108.1750**	**39983.88**	**1087574.44**	**1204544.25**	**2332102.56**	

Seventh Year Maintenance of Surrendered CA, PCA,Addl CA and Special Plantation of 2017-18 to be taken up during 2023-24

Sl 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 seventh year maintenance to be released during 2023-24 as per Approved Cost Norm @ Rs.333/- MD					Remarks
								Block @ Rs. 6293.70 per Ha	ANR with 200 plants per Ha @ Rs.1048.95 per Ha	ANR with 400 plants per Ha @ Rs.1048.95 per Ha	Bald Hill @ Rs. 18531.45 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	167832.00	0.00	167832	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	80957.96	0.00	80957.961	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	741607.65	0.00	741607.65	
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	77622.30	0.00	77622.3	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	66083.85	0.00	66083.85	
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	120314.57	0.00	120314.565	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	361887.75	0.00	361887.75	
5	Keonjhar WL	Daitary Expansion Project of M/s OMC Ltd.	CA	4.000	0.000	87.000	91.000	25174.80	0.00	0.00	1612236.15	1637410.95	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.
6	Keonjhar WL	Jilling - 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	267636.45	0.00	0.00	267636.4457	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	65.46	0.000	0.000	65.460	411985.60	0.00	0.00	0.00	411985.602	
		Total		**69.46**	**1796.0270**	**87.0000**	**1952.4870**	**437160.40**	**267636.45**	**1616306.08**	**1612236.15**	**3933339.07**	
		Other Stipulation											

9	Angul	Railway Siding Utkal Coal Ltd	100 tree plantation				100 tree plantation					6503.49	Seventh year maintenance @ Rs.65034.90 per 1000 plants Urban Plantation
		Total Other Stipulation					**100 tree plantation**	**0**	**0**	**0**	**0**	**6503.49**	
		Grand Total		**69.4600**	**1796.0270**	**87.0000**	**1952.4870 + 100 tree plantation**	**437160.40**	**267636.45**	**1616306.08**	**1612236.15**	**3939842.56**	

Seventh Year Maintenance of Backlog CA of 2017-18 to be taken up during 2023-24

Sl 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 seventh Year Maintenance as per approved cost norm @ Rs.333/- per MD			Remarks
								Block @ Rs. 6293.70 per Ha	ANR with 200 plants per Ha @ Rs.1048.95 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 seventh 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 seventh 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 seventh year maintenance as per approved Scheme.
8	Sundargarh	Strengthening & Widering 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 seventh 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	11108.38	11108.38	
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 seventh 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 seventh year maintenance as per approved Scheme.
		Total		**0.0000**	**10.5900**	**0.0000**	**10.5900**	**0.00**	**11108.38**	**11108.38**	

Seventh Year Maintenance of Other Stipulation of 2017-18 to be taken up during 2023-24

Sl 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 2023-24 as per Approved Cost Norm @ Rs.333/- per MD			Remarks
							Block @ Rs. 6293.70 per Ha	ANR with 200 plants per Ha @ Rs.1048.95 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 seventh 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 seventh 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	8003.49	8003.49	
4	Sundargarh	Dulanga Coal Block by M/s NTPC Ltd.	1.5 SZ		9.485	9.485	0.00	9949.29	9949.29	
5	Sundargarh	Dulanga Coal Block by M/s NTPC Ltd.	Green Belt	0	18.34	18.34	0.00	19237.74	19237.74	
		Total SZ & 1.5 SZ		**0**	**35.455**	**35.455**	**0.00**	**37190.52**	**37190.52**	
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 seventh 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 seventh year Maintenanceas per approved scheme
10	Bargarh	Sambalpur-Bargarh NH	Avenue Plantation 42640 Nos						0.00	No seventh year Maintenanceas per approved scheme
		Total Avenue & other Stipulations		**0**	**0**	**0**	**0**	**0**	**0.00**	
Grand Total			**SZ, 1.5 SZ, Green Belt**	**0.0000**	**35.4550**	**35.4550**	**0.0000**	**37190.5223**	**37190.5223**	

Eighth Year Maintenance of 2016-17 CA,PCA,Addl CA to be taken up during 2023-24											
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 eighth Year Maintenance as per approved cost norm @ Rs333/- per MD			Remarks
								Block @ Rs. 6293.70 per Ha	ANR with 200 plants per Ha @ Rs.1048.95per 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	144541	144541	
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 8th 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	26486	26485.99	
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 8th 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	35455	35454.51	
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	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	75276	75275.80	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	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	55536	55535.61	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	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	21359	21358.62	20.3619 ha Block plantation was converted to ANR plantation by DFO.
13	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	CA	0.00	59.708	0.00	59.708	0.00	62631	62630.71	
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	51344.00	0.00	51344.00	
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 8th year maintenance as per approved CA Scheme
16	Bonai	Diversion 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 transportating coal through Railway by South Eastern Railway.	CA	0.00	13.86	0.00	13.86	0.00	14538.45	14538.45	
18	Jharsuguda	Diversion 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	35664.30	35664.30	
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	16258.73	16258.73	
20	Jharsuguda	Railway siding of Merry-Go-Round (MGR System)in Sundargarh and Jharsuguda district by	CA	16.212	32.461	0.00	48.673	102033.46	34049.97	136083.43	

		M/s Odisha Power Generation Corporation Ltd.									
21	Bargarh	Four Laning 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	127384.49	0.00	127384.49	
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	102797.10	102797.10	
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	1115825.81	21765.71	1137591.52	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 corrider and formation of mine access road in Baphalimali Bauxite Mines of M/s Utkal Alumina International Ltd.	CA	2.335	0.00		2.335	14695.79	0.00	14695.79	
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 8th year maintenance as per approved CA Scheme
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	30587.38	0.00	30587.38	
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	267482.25	0.00	267482.25	
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	358740.90	157342.50	516083.40	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	403292.43	403292.43	ANR with 400 plants
					58.00		58.00	0.00	60839.10	60839.10	ANR with 800 plants
29	Dhenkanal	Sarkunda Iron Mines of M/s Feegrade & Company Ltd.	CA	0	32.00	0.00	32	0.00	33566.40	33566.40	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	75524.40	0.00	75524.40	
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**	**2143618.49**	**1301397.02**	**3445015.51**	
32	Keonjhar WL	Daitari Extension Iron ore mines by M/S OMC Ltd.	PCA	0.00	499.936	0.00	499.936	0.00	524407.87	524407.87	
33	Keonjhar	Laying water pipeline and other related infrastructure facilities for operationalisation of their Iron ore benefication plant at Dubuna by M/s Essar Steel India ltd.	PCA	0.00	8.00	0.00	8.00	0.00	8391.60	8391.60	
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	2097.90	2097.90	
35	Keonjhar	Jilling Longlota Iron & Manganese Mines by M/S ESSEL Mining & Industries.	PCA	0.00	22.0954	0.00	22.0954	0.00	23176.97	23176.97	
36	Keonjhar	Laying slurry pipeline from benefication 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	1048.95	1048.95	
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	125641.97	125641.97	
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	126778.19	126778.19	
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	13692.78	13692.78	

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	297282.92	297282.92	
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 8th 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	45163.59	45163.59	
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 8th 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	44055.90	0.00	44055.90	
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	157971.87	0.00	157971.87	
46	Chandaka WL	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	2517.48	0.00	2517.48	
		Total PCA		**32.50**	**1113.19**	**0.00**	**1145.69**	**204545.25**	**1167682.75**	**1372228.00**	
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**	**2348163.74**	**2469079.77**	**4817243.50**	

Eighth Year Maintenance of Other Stipulations of 2016-17 to be taken up during 2023-24

Sl 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 eighth Year Maintenance as per approved cost norm @ Rs.333/- per MD			Remarks
								Block @ Rs. 6293.70 per Ha	ANR with 200 plants per Ha @ Rs.1048.95per Ha	Total (In Rs.)	
1	Sundargarh	Lanjiberna OCL	SZ	0.000	1.000	0.000	1.000	0.00	1048.95	1048.95	
2	Keonjhar	Jajanga Rungta	SZ	0.000	0.000	0.000	0.000	0.00	0.00	0.00	No 8th year Maintenance as per approved scheme
3	Keonjhar	Jaribahal Pattnaik Minerals	SZ	0.000	8.930	0.000	8.930	0.00	9367.12	9367.12	
4	Bonai	TRB Jindal	SZ	0.000	6.410	0.000	6.410	0.00	6723.77	6723.77	
5	Bonai	Kusumdihi BICo	SZ Block 0.510 ha	0.000	0.000	0.000	0.000	0.00	0.00	0.00	No 8th year Maintenance as per approved scheme
6	Bonai	Raikela Mines Geetarani Mohanty	SZ	2.523	0.000	0.000	2.523	15879.01	0.00	15879.01	
7	Bonai	Sarkunda Mines of Feegrade	SZ	0.000	0.000	0.000	0.000	0.00	0.00	0.00	No 8th 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	No 8th year Maintenance as per approved scheme
		Total SZ		**2.5230**	**16.3400**	**0.0000**	**18.863**	**15879.005**	**17139.843**	**33018.848**	
9	Sundargarh	Angul Pooling Station to Jharsuguda Pooling Station	Dwarf tree plantation	1.572	14.413	0.000	15.985	9893.70	15118.52	25012.21	
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	No 8th 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	No 8th 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	No 8th year Maintenance as per approved scheme
13	Keonjhar	Jaribahal Pattnaik Minerals	1.5 SZ	0.000	13.426	0.000	13.426	0.00	14083.20	14083.20	
14	Bonai	TRB Jindal	1.5 SZ	0.000	0.000	0.000	0.000	0.00	0.00	0.00	No 8th 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	No 8th 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	No 8th 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	3975.52	3975.52	
18	Bonai	Sarkunda Mines of Feegrade	1.5 SZ	0.000	0.000	0.000	0.000	0.00	0.00	0.00	No 8th 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	No 8th 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	No 8th 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	4537.76	6933.56	11471.32	
22	Rairakhol	Angul Pooling Station to Jharsuguda Pooling Station	Dwarf tree plantation	7.8846	77.040	0.000	84.9246	49623.31	80811.11	130434.42	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	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	24671.30	48555.90	73227.20	
25	Athmallik	Angul Pooling Station to Jharsuguda Pooling Station	Dwarf tree plantation	12.180	111.660		123.840	76657.27	117125.76	193783.02	
26	Koraput	Panchpatmali NALCo	1.5 SZ	0.000	40.4035	0.000	40.4035	0.00	42381.25	42381.25	
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	No 8th year Maintenance as per approved scheme
		Total Others		**26.278**	**313.633**	**0.000**	**339.910**	**165383.33**	**328984.81**	**494368.14**	
			Grand Total	**28.801**	**329.973**	**0.000**	**358.773**	**181262.336**	**346124.654**	**527386.990**	

Eighth Year Maintenance of 2016-17 CATP to be taken up during 2023-24

Sl 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 eighth Year Maintenance as per approved cost norm @ Rs.333/- per MD		
								Block @ Rs. 6293.70 per Ha	ANR with 200 plants per Ha @ Rs.1048.95per Ha	Total (In Rs.)
1	Keonjhar	Baitarani Power Project	CATP	0.000	62.000	0.000	62.000	0.00	65034.90	65034.90
			Total CATP							**65034.90**

Nineth Year Maintenance of 2015-16 CA,PCA,Addl CA Plantation to be taken up during 2023-24

Sl No	Name of the Division	Name of the Project	Component	Block In Ha	ANR In Ha	Total Area in Ha	Funds Required for nineth Year Maintenance as per approved cost norm @ Rs.333/- per MD			Remarks
							Block @ Rs. 6293.70/- per Ha	ANR with 200 plants per Ha @ Rs.1048.95 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 9th year maintenance as per approved CA Scheme.
			PCA 2.14 ha	0.000	0	0.000	0.00	0.00	0.00	No 9th year maintenance as per approved CA Scheme.
			Addl CA 59.458 ha	0	0	0.000	0.00	0.00	0.00	No 9th 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	69658.67	0.00	69658.67	
	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 9th year maintenance as per approved CA Scheme.
	Bonai	Manganese ore mining in village Bhanjapali,Koira &	CA Block	0	0	0	0.00	0.00	0.00	No 9th year maintenance as per

		Teherai by Sri Rudrasen Sindhu, M/s Rohtak Engineering	32.293 ha							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 9th year maintenance as per approved CA Scheme.
	Bonai	Kalta & Barsuan Iron mines of M/S SAIL in Toda RF (Ml-130)	Addl CA 2341.93 ha	0	0	0	0.00	0.00	0.00	No 9th 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 9th year maintenance as per approved CA Scheme.
		Total Bonai Division		**11.068**	**0.000**	**11.068**	**69658.67**	**0.00**	**69658.67**	
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 9th 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	174071.15	0.00	174071.15	
		Total Rourkela Division		**27.658**	**0.000**	**27.658**	**174071.15**	**0.00**	**174071.15**	
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 9th year maintenance as per approved CA Scheme.
	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	246398.36	0.00	246398.36	
		Total Athmallik Division		**39.150**	**0.00**	**39.150**	**246398.355**	0.00	**246398.36**	
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 9th 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	125874.00	309440.25	435314.25	
	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	282167.55	282167.55	
			PCA	0.00	21.50	21.50	0.00	22552.43	22552.43	
		Total Angul Division		**20.00**	**585.50**	**605.50**	**125874.00**	**614160.23**	**740034.23**	
6	Dhenkanal	Diversion of 70.4221 ha forest land for laying pipeline from Paradip to Raipur (Chhatisgarh) via Sambalpur & from Sambalpur to Ranchi (Jhadkhand) by M/s Indian Oil Corporation Ltd.	CA	0.00	142.00	142.00	0.00	148950.90	148950.90	
	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	39832.83	0.00	39832.83	
	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	50941.21	0.00	50941.21	
			PCA	0	14.876	14.876	0.00	15604.18	15604.18	
	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 9th year maintenance as per approved CA Scheme.
		Total Dhenkanal Division		**14.423**	**156.876**	**171.299**	**90774.04**	**164555.08**	**255329.12**	
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	30486.68	0.00	30486.68	
	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 9th year maintenance as per approved CA Scheme.
		Total Cuttack Division		**4.844**	**0.00**	**4.844**	**30486.68**	**0.00**	**30486.68**	
8	Keonjhar WL	Laying water pipeline and other related infrastructure facilities for operationalisation of their Iron ore benefication 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 9th 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 9th 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 9th 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 9th 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 9th 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 9th 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 9th year maintenance as per approved CA Scheme.
			CA/PCA ANR 20.00 ha	0	0.00	0	0.00	0.00	0.00	No 9th 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 9th 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 9th year maintenance as per approved CA Scheme.
		Total Keonjhar Division		**0.0000**	**0.0000**	**0.0000**	**0.00**	**0.00**	**0.00**	
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 Plantation0.561 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	64615.32	64615.32	
	Sundargarh	Kulda OCP MCL Ltd	CA ANR 300 ha	0	0.00	0.00	0.00	0.00	0.00	No 9th year maintenance as per approved CA Scheme.
		Total Sundargarh Division		**0.00**	**61.60**	**61.60**	**0.00**	**64615.32**	**64615.32**	
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	327272.40	0.00	327272.40	
		Total Khurdha Division		**52.00**	**0.00**	**52.00**	**327272.40**	**0.00**	**327272.40**	
13	Jharsuguda	Samaleswari Extn OCP	CA ANR 86 ha	0.00	0.00	0.00	0.00	0.00	0.00	No 9th 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 9th 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 9th year maintenance as per approved CA Scheme.
		Total Rairakhol Division		**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.00**	
		Grand Total		**169.1430**	**803.9760**	**973.1190**	**1064535.30**	**843330.63**	**1907865.92**	

Ninth Year Maintenance of 2015-16 Other Stipulation. to be taken up during 2023-24										
Sl No	**Name of the Division**	**Name of the Project**	**Component**	**Block In Ha**	**ANR In Ha**	**Total Area in Ha**	**Funds Required for ninth Year Maintenance as per approved cost norm @ Rs.333/- per MD**			**Remarks**
							Block @ Rs. 6293.70/- per Ha	**ANR with 200 plants per Ha @ Rs.1048.95 per Ha**	**Total**	
1	Bonai	Koira Iron Ore Mine in Sundargarh District by M/s Essel Mining & Industries (P) Ltd.	SZ Block 4.096 ha	0.000	0	0.000	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
			1.5 SZ Block 6.144 ha	0	0	0	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
2	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.	SZ 4.136 ha	0	0	0	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
			1.5 SZ 6.204 ha	0	0	0	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
3	Bonai	Manganese ore mining in village Bhanjapali,Koira & Teherai by Sri Rudrasen Sindhu, M/s Rohtak Engineering	SZ ANR 3.115 ha	0	0	0	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
			1.5 SZ ANR 4.673 ha	0	0	0	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
4	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.	SZ	0	0	0	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
			1.5 SZ	0		0	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
5	Bonai	Kalta & Barsuan Iron mines of M/S SAIL in Toda RF (Ml-130)	SZ 93.679 ha	0	0	0.000	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
			1.5 SZ 140.519 ha	0	0.000	0.000	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
6	Bonai	Raikela Mines by National Enterprises	SZ ANR 6.559 ha	0	0.000	0.000	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
			1.5 SZ Block 9.839 ha	0.000	0.000	0.000	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
		Total Bonai Division		**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.00**	
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	17307.68	17307.68	
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 9th 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 9th year maintenance as per approved scheme.
		Total Angul Division		**0.000**	**16.500**	**16.500**	**0.000**	**17307.675**	**17307.68**	
10	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	SZ	1.468	0	1.468	8628.76	0.00	8628.76	
			1.5 SZ	0	2.202	2.202	0.00	2136.38	2136.38	
		Total Dhenkanal Division		**1.468**	**2.202**	**3.670**	**8628.76**	**2136.38**	**10765.14**	
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 9th year maintenance as per approved scheme.
12	Keonjhar	Laying water pipeline and other related infrastructure facilities for operationalisation of their Iron ore benefication plant at Dubuna by M/s Essar Steel India ltd.	Avenue Plantation	0	0	12.76 RKM	0.00	0.00	356922.72	@ Rs.27972/- per RKM (Cost norm for 9th year maintenance of Avenue Plantation)
13	Keonjhar	Laying slurry pipeline from benefication plant at Paradeep by M/s Essar Steel India ltd.	Avenue Plantation	0	0	17.68 RKM	0.00	0.00	494544.96	@ Rs.27972/- per RKM (Cost norm for 9th 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**	**851467.68**	
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 9th year maintenance as per approved scheme.
		Total Sundargarh Division		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	
15	Jharsuguda	Samaleswari Extn OCP	SZ ANR 3.044 ha	0	0.000	0.000	0.00	0.00	0.00	No 9th year maintenance as per

										approved scheme.
16	Jharsuguda	Re-diversion (Change of land use pattern) of 84.239 ha of forest land from the area earmarked for Safety Zone & infra structure development of Lakhanpur OCP of M/s MCL	SZ 6.90 ha	0.00	0.00	0.00	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
			Gap Plantation & soil & moisture conservation over 19.30 ha in the area within 100 mt from outer perimeter of the ML area	0	0.00	0.00	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
17	Jharsuguda	Samaleswari OCP by MCL	SZ ANR 116.262 ha	0	0	0	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
18	Jharsuguda	Belpahar OCP by MCL	SZ ANR 38.32 ha	0	0.00	0.00	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
		Total Jharsuguda Division		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	
19	Sambalpur	Samaleswari OCP by MCL	1.5 SZ ANR 90.00 ha	0	0.00	0.00	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
		Total Sambalpur Division		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	
20	Bargarh	Ong Dam Project	CATP ANR 1800 ha	0	0	0	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
		Total Bargarh Division		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	
21	Kalahandi North	Ret MIP	Plantation along the Bank of Reservoir (RDF with 100 seedlings) ANR 200 ha	0.00	0.00	0.00	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
		TotalKalahandi North Division		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	
22	Jeypore	Dumajhori Small Hydro Electric Project by M/s Shravani Energy.	CATP ANR 14.00 ha	0	0.00	0.00	0.00	0.00	0.00	No 8th year maintenance as per approved scheme.
		Total Jeypore Division		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	
23	Khariar	Lower Indra Maj IP	CATP ANR 2425.00 ha	0.00	0.00	0.00	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
		Total Khariar Division		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	
24	Puri WL	Puri-Bhubaneswar Nh 203	Avenue Plantation along NH-203 3382 No plants			0.00	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
			Avenue Plantation along Feeder Road 10500 No Plants			0.00	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
		Total Puri WL Division				**Avenue Plantation**	**0.00**	**0.00**	**0.00**	
	Khurdha	Puri-Bhubaneswar Nh 203	Avenue Plantation along Nh-203 7000 No plants			0.00	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
			Avenue Plantation along Feeder Road 14500 No Plants			0.00	0.00	0.00	0.00	No 9th year maintenance as per approved scheme.
		Total Khurdha Division				**Avenue Plantation**	**0.00**	**0.00**	**0.00**	
		Total		**1.4680**	**18.7020**	**20.1700**	**0.0000**	**17307.6750**	**17307.6750**	
				+30.44 RKM Avenue Plantation					**851467.68**	
							Grand Total		**868775.36**	

Annexure -II-II

Division/location wise details of activities under Site Specific Wildlife Conservation Plan.

SL. No.	Name of the Division	Name of the Project	Old/Running Project		New Project		Total	
			No.	Amount (Rs. in lakh)	No.	Amount (Rs. in lakh)	No.	Amount (Rs. in lakh)
1	2	3	4	5	6	7	8	9
1	Angul Divn	Utkal D Coal Mines of OMC Ltd.	1	9.44			1	9.44
		Bharatpur Open cast coal mining expansion poject of MCL	1	72.06			1	72.06
		Esst. Of 2x600 MW Thormal Power Plant by M/s JITPL in Dirang Village.	1	65.76			1	65.76
		Esst.of 6 MTPA integrated steel plant at Badkerjang by Jindal steel & Power Ltd.	1	9.50			1	9.50
		Construction of Talcher-Bimalgarh New BG Rail Link Project, Phase-II from 25.00 km to 153.90 km by E.Co.Railway	1	90.39			1	90.39
		Establishment of Integrated Steel Plant & Captive Power Plant in village Jharbandha by M/s Rungta Mines Ltd.	1	7.79			1	7.79
		Laying of Underground Natural Gas Pipeline along with Optical Fiber Cable of Jagdishpur-Haldia-Bokaro-Dhamra by GAIL India Ltd.	0	0.00	1	128.44	1	128.44
		Construction of Angul -Gopalprasad-Putagadia-Jarapada-Tentuloi New G.B. Railway Line by East Coast Railway.			1	340.46	1	340.46
		Total:	**6**	**254.94**	**2**	**468.90**	**8**	**723.84**
2	Dhenkanal Divn	Sukinda Chromite Mines of M/s TATA Steel Ltd.	1	22.36			1	22.36
		Rehabilitation and Upgradtion (Four Lanning) of Cuttack-Angul-Section of NH-42 (Now-55) From 0 Km. to112 Km.)	1	57.13			1	57.13
		Rehabilitation and Upgradtion of NH-23/200 by NHAI	1	51.83			1	51.83
		Construction of 3 x 800 MW Thermal Power Plant by OTPCL	1	121.75			1	121.75
		New Oil Deport by Bharat Petroleum Corporation Ltd.	1	40.50			1	40.50
		Establishment of Integrated Steel Plant & Captive Power Plant in village Jharbandha by M/s Rungta Mines Ltd.	1	50.56			1	50.56
		Angul-Duburi-sukinda Road New BG Rail link Project by East Coast Railway.	1	82.08			1	82.08
		Mahagiri Chromite Mines by M/s IMFA Ltd.	1	14.75			1	14.75
		Sukinda Chromite Mines by M/s IMFA Ltd	1	9.20			1	9.20
		Lanco Babandha Power Plant by M/s Lanco Babandha Power Ltd. (LBPL)	1	5.75			1	5.75
		Construction of 3rd & 4th Railway line between Budhapanka to Salagaon Railway project.			1	284.02	1	284.02
		Laying of Underground Natural Gas Pipeline along with Optical Fiber Cable of Jagdishpur			1	110.30	1	110.30
		Total:	**10**	**455.91**	**2**	**394.32**	**12**	**850.23**
3	Athgarh Divn.	M/s Odisha Cement Plant.	1	5.02			1	5.02
		M/s Bhubaneswar Power Plant.	1	11.60			1	11.60
		4 Laining of Cuttack-Angul Section of NH-42.	1	104.27			1	104.27
		Total:	**3**	**120.89**	**0.00**	**0.00**	**3**	**120.89**
4	Athmallik Divn.	Rehabilitation and Up-gradation to 4 laning to Angul-Sambalpur Section.	1	27.59			1	27.59
		Odisha power transmission corporation limited (OPTCL).	1	10.28			1	10.28
		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.	1	16.01			1	16.01
		Widening & strengthening of 2 Lane to 2 Lane with paved shoulder from Km 58/00 to 116/100 Km. of NH-153 (B) in the State of Odisha on EPC Mode.			1	75.65	1	75.65
		Construction of Angul -Gopalprasad-Putagadia-Jarapada-Tentuloi New G.B. Railway Line by East Coast Railway.			1	279.89	1	279.89
		Total:	**3**	**53.88**	**2**	**355.54**	**5**	**409.42**
5	Cuttack Division	Daitari & Daitari extension Area (Township) of M/s OMC Ltd.	1	12.14			1	12.14
		Kaliapani Chromite Mines of M/s Balasore Alloys Ltd.	1	6.50			1	6.50
		Establishment of stand lone Cement Grinding unit by M/s OCL India Ltd.	1	11.14			1	11.14
		Angul-Duburi-sukinda Road New BG Rail link Project over-141.872 ha. Forest land by East Coast Railway.	1	14.20			1	14.20
		Sukinda Chromite Mines of M/s TATA Steel Ltd	1	11.10			1	11.10
		Railway Line from Jakhapura station to Steel Plant site at Kalinganagar in Jajpur	1	8.60			1	8.60
		Kalarangi Chromite Ore Mines of M/s OMC Ltd.	1	6.12			1	6.12
		Mahagiri Chromite Mines of M/s IMFA Ltd.	1	12.62			1	12.62
		Sukinda Chromite Mines of M/s IMFA Ltd.	1	21.45			1	21.45
		South Kaliapani Chromite Mines of M/s OMC Ltd.	1	15.02			1	15.02
		Kamarda Chromite Mines of M/s B.C. Mohanty & Sons Pvt.	1	1.93			1	1.93
		Sukrangi Chromite Mines of M/s OMC Ltd.	1	10.92			1	10.92
		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	1	60.07			1	60.07
		HARIDASPUR-PARADEEP NEW BG RAIL LINK PROJECT OF EAST COAST RAILWAYS WITHIN CUTTACK FOREST DIVISION AND RAJNAGAR (WL) DIVISION IN THE STATE OF ODISHA	1	9.30			1	9.30
		REHABILITATION & UP-GRADATION TO 2/4 LANNING OF TALCHER-DUBURI-CHANDIKHOLE SECTION OF NH-200 BY NHAI-PIU, DHENKANAL	1	77.68			1	77.68
		CONSTRUCTION RAIL LINE & SIDING AT VILLAGE MANTIARA AND RABANA NEAR KALINGANAGAR, DIST-JAJPUR BY IDCO FOR EMAMI CEMENT LTD.	1	4.90			1	4.90
		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	1	67.99			1	67.99

		KEONJHAR ROAD, JAJPUR.						
		Laying of Underground Natural Gas Pipeline along with Optical Fiber Cable of Jagdishpur	0		1	45.60	1	45.60
		Total:	**17**	**351.68**	**1**	**45.60**	**18**	**397.28**
6	**Rairangpur Divn.**	Four laning Project of NH-6 Baharagora to Singara	1	51.90			1	51.90
		Total:	**1**	**51.90**	**0**	**0.00**	**1**	**51.90**
7	**Karanjia Divn.**	Four laning Project of NH-6 of Singara to Binjabahal Section	1	89.69			1	89.69
		Four laning Project of NH-6 Baharagora to Singara	1	65.28			1	65.28
		Total:	**2**	**154.97**	**0**	**0.00**	**2**	**154.97**
8	**Baripada**	Four laning Project of NH-6 Baharagora to Singara	1	28.34			1	28.34
		Total:	**1**	**28.34**	**0**	**0.00**	**1**	**28.34**
9	**Keonjhar (WL) Division**	Four/Six lanning, widening & Strengthening of existing two lane of NH-215 within (Panikoili to Remuli 136km-11.892)	1	12.24			1	12.24
		Daitari & Daitari extension Area (Township) of M/s OMC Ltd.	1	128.75			1	128.75
		Total:	**2**	**140.99**	**0**	**0.00**	**2**	**140.99**
10	**Boudh**	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	1	245.78			1	245.78
		Widening & strengthening of 2 Lane to 2 Lane with paved shoulder from Km 58/00 to 116/100 Km. of NH-153 (B) in the State of Odisha on EPC Mode.			1	66.50	1	66.50
		Widening of existing 2 lane to 2 lane with 1.5 Mtr. Wide paved shoulder from Km 0/0 to 81/00 & 93/00 to 119/00 of N.H-157 on EPC Mode in Kandhamal & Ganjam Dist. in the State of Odisha.			1	59.65	1	59.65
		Total:	**1**	**245.78**	**2**	**126.15**	**3**	**371.93**
11	**Ghumsur North**	**Widening of existing 2 lane to 2 lane with 1.5 Mtr. Wide paved shoulder from Km 0/0 to 81/00 & 93/00 to 119/00 of N.H-157 on EPC Mode in Ganjam Dist. in the State of Odisha**			1	221.84	1	221.84
		Total:	**0**	**0.00**	**1**	**221.84**	**1**	**221.84**
12	**Phulbani**	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.	1	34.05			1	34.05
		Widening of existing 2 lane to 2 lane with 1.5 Mtr. Wide paved shoulder from Km 0/0 to 81/00 & 93/00 to 119/00 of N.H-157 on EPC Mode in Kandhamal & Ganjam Dist. in the State of Odisha.			1	161.48	1	161.48
		Total:	**1**	**34.05**	**1**	**161.48**	**2**	**195.53**
13	**Khariar Division**	Lower Indra Irrigation Project.	1	13.67			1	13.67
		Total:	**1**	**13.67**	**0**	**0.00**	**1**	**13.67**
14	**Subarnapur**	Construction of Khurda Road-Bolangir New B.G.Rail Link Project from Km. 238 to 289 Km by East Coast Railways.	1	82.35			1	82.35
		Widening & strengthening of 2 Lane to 2 Lane with paved shoulder from Km 58/00 to 116/100 Km. of NH-153 (B) in the State of Odisha on EPC Mode.	0		1	13.80	1	13.80
		Tatal:	**1**	**82.35**	**1**	**13.80**	**2**	**96.15**
15	**Bolangir**	Construction of Khurda Road-Bolangir New B.G.Rail Link Project from Km. 238 to 289 Km by East Coast Railways.	1	90.80			1	90.80
		OPTCL.	0		1	63.60	1	63.60
		Sambalpur - Titilagarh Doubling.	0		1	235.650	1	235.65
		Total:	**1**	**90.80**	**2**	**299.25**	**3**	**390.05**
16	**Mangrove Forest Division (WL) Rajnagar**	Action Plan for Marine Life Conservation including Olive Ridley Conservation.	1	58.00			1	58.00
		Laying of Underground Natural Gas Pipeline along with Optical Fiber Cable of Jagdishpur			1	195.51	1	195.51
		Total:	**1**	**58.00**	**1**	**195.51**	**2**	**253.51**
17	**Bhadrak (WL) Division**	Construction of Light house at Jyostnamayee of Bhadrak district (Mangrove Habitat Conservation Plan.	1	1.70			1	1.70
		Laying of Underground Natural Gas Pipeline along with Optical Fiber Cable of Jagdishpur			1	56.06	1	56.06
		Total:	**1**	**1.70**	**1**	**56.06**	**2**	**57.76**
18	**Nayagarh Division**	Construction of Khordha-Balangir New B.G. Rail link project by East Cost Railway.	1	104.03			1	104.03
		Total:	**1**	**104.03**	**0.00**	**0.00**	**1**	**104.03**
19	**Khordha Division**	Construction of Khordha-Balangir New B.G. Rail link project by East Cost Railway.	1	22.57			1	22.57
		Total:	**1**	**22.57**	**0.00**	**0.00**	**1**	**22.57**
20	**Chandaka WL**	Construction of 200 feet Master plan Road over length of 1.930 Km from Utkal Health Care Hospital to Rail Vihar.	1	61.20			1	61.20
		Total:	**1**	**61.20**	**0**	**0.00**	**1**	**61.20**
21	**City Forest**	**Laying of Underground Natural Gas Pipeline along with Optical Fiber Cable of Jagdishpur**			1	25.87	1	25.87
		Total:	**0**	**0**	**1**	**25.87**	**1**	**25.87**
22	**Rayagada Division**	Construction of conveyor Corridor and formation of Mine access road of Baphimalli Bauxite Mining Project of M/s Utkal Alumina International Limited.	1	8.40			1	8.40
		Baphlimali Bauxite Mines.	1	20.75			1	20.75
		Kodingamali Bauxite Mines.	1	28.44			1	28.44
		The Graphite Ore Mining Lease of M/s Pradhan Industries	1	2.20			1	2.20
		Bainibasa Graphite Mines.			1	12.53	1	12.53
		Total:	**4**	**59.79**	**1**	**12.53**	**5**	**72.32**
23	**Koraput**	**Development of Economic Corridors, inter-corridors feeder routes and coastal road primarily to improve the efficiency of freight movement in India (Lot-3 odisha Jharkhand/package-2) Raipur - Vishakhapatnam (Ch. 124-661-ch-365.033km) by M/s National Highways Authority of India (NHAI) under Bharatmala Pariyojana.**			1	108.83	1	108.83
		Total:	**0**	**0.00**	**1**	**108.83**	**1**	**108.83**
24	**Jeypore**	**Development of Economic Corridors, inter-corridors feeder routes and coastal road primarily to improve the efficiency of freight movement in India (Lot-3 odisha Jharkhand/package-2) Raipur - Vishakhapatnam (Ch. 124-661-ch-365.033km) by M/s National Highways Authority of India (NHAI) under Bharatmala Pariyojana.**			1	56.15	1	56.15

		Total:	**0**	**0**	**1**	**56.15**	**1**	**56.15**
25	**Nawarangpur**	**Development of Economic Corridors, inter-corridors feeder routes and coastal road primarily to improve the efficiency of freight movement in India (Lot-3 odisha Jharkhand/package-2) Raipur - Vishakhapatnam (Ch. 124-661-ch-365.033km) by M/s National Highways Authority of India (NHAI) under Bharatmala Pariyojana.**			1	197.16	1	197.16
		Total:	**0**	**0**	**1**	**197.16**	**1**	**197.16**
26	**Keonjhar - T**	Baitarani Iron Ore Mines of M/s Dr. Sarojini Pradhan	1	6.12			1	6.12
		Jajanga Iron & Manganise of M/s Rungta Mines (P) Ltd.	1	11.87			1	11.87
		Gandhamardan Iron Mines Block-B of M/s OMC Ltd.	1	13.36			1	13.36
		Establishment of Iron Ore benefication plant & Tailing Dam by M/s BRPL	1	9.50			1	9.50
		Dalki Mn. Mines of M/s BPME Ltd.- C/o OMDC Ltd.	1	3.97			1	3.97
		Katamati Iron Ore Mines of M/s TATA steel Ltd.	1	7.21			1	7.21
		Four & Six laying NH-215 from 0 to 163 kms (Panikoili - Remuli Section) of NHAI	1	18.69			1	18.69
		Khandabandh Iron & Maganese Mines of TATA steel Ltd	1	32.55			1	32.55
		Unchabali Iron & Mn. Mines of Smt Indrani Patanaik.	1	0.72			1	0.72
		Balada Block Iron Ore Mines of M/s Sirajuddin & Co.	1	42.27			1	42.27
		Inganijharan Iron and Mn. Ore Mines by M/s Bhanja Minerals Pvt.Ltd. (Champua Range)	1	5.50			1	5.50
		Putulipani Iron Ore Mines by M/s Gandhamardan Sponge Industries Pvt. Ltd-BJP	1	11.00			1	11.00
		Bolani Iron Ore Mines of M/s SAIL (6.90 Sq. Miles)	1	104.99			1	104.99
		Roida-I Iron Ore Mines of Mideast Integrated Steel Ltd.	1	5.90			1	5.90
		Gandhamardan Iron Ore Mines Block-A of M/s OMC Ltd.	1	110.15			1	110.15
		M/s Prakash Industries Limited by Sirkagutu Iron & Manganese Ore Mines	1	11.80			1	11.80
		Bolani Iron Ore Mines of M/s SAIL (5.10 Sq. Miles)	1	143.37			1	143.37
		Nuagaon Iron Ore Mines of M/s KJS Ahluwallia	1	56.44			1	56.44
		Thakurani Iron Ore mines by M/s Kaypee Enterprises	1	30.48			1	30.48
		Four laning Project of NH-6 of Singara to Binjabahal Section	1	252.98			1	252.98
		Silijoda Kalimati Iron & Mn Mines of M/s Mangilal Rungta			1	15.88	1	15.88
		Total:	**20**	**878.87**	**1**	**15.88**	**21**	**894.75**
27	**Bonai Division**	Patmunda Mn. Mines of M/s OMM (P) Ltd.	1	1.20			1	1.20
		Narayanaposhi Iron & Mn. Mines of M/s AMTC (P) Ltd.	1	4.06			1	4.06
		Barsuan-Taldihi-Kalta-ML-130) Iron Mines of M/s SAIL	1	51.98			1	51.98
		San Indpur Iron & Bauxite Mines of M/s Rungta Sons (P) Ltd.	1	3.00			1	3.00
		M/s Visal Metalics (P) Ltd.	1	1.39			1	1.39
		Kanther-Koira Mn. Mines of M/s Rungta mines (P) Ltd.	1	0.78			1	0.78
		Nadidihi Iron & Mn. Mines of M/s BICO, Ltd.	1	3.17			1	3.17
		Teherei Mn. Mines of M/s BICo. Ltd.	1	3.46			1	3.46
		Koira Iron Mines of M/s Essel Mining and Industries Ltd.	1	6.59			1	6.59
		Raikela Iron Mines of M/s National Enterprises.	1	4.14			1	4.14
		Tantra Mines of M/s Korp Resources Ltd.	1	2.85			1	2.85
		Raikela & Tantra Iron Ore Mines of M/s Penguin Trading Agency Ltd.	1	9.20			1	9.20
		Oraghat Iron Mine of M/s Rungta Sons (P) Ltd.	1	7.17			1	7.17
		Upgrading the Existing Road from Biramitrapur to Barkote NH-23.	1	26.81			1	26.81
		National Highway Project from Remuli to Rajamunda.	1	23.09			1	23.09
		Talcher Bimalagarh B.G RAIL Link Project	1	28.36			1	28.36
		San-Indpur Mines of M/s National Enterprises	1	25.25			1	25.25
		Mahulsukha Mn. Mines AMTC Ltd.	1	30.57			1	30.57
		Kamanda Steel Plant M/s Rungta Mines P.Ltd.	1	26.58			1	26.58
		Segasahi Iron Ore Mines of M/s National Enterprises.	0		1	61.83	1	61.83
		Total:	**19**	**259.65**	**1**	**61.83**	**20**	**321.48**
28	**Rourkela Division**	Gomardihi Dolomine Quarry of Tata Steel ltd.	1	9.00			1	9.00
		Rourkela to Raigarh 400kv D/c transmission line by P.G.C.I. ltd.	1	3.25			1	3.25
		Biramitrapur to Barkote NH-23.	1	24.25			1	24.25
		Rimuli to Rajamunda NH	1	3.50			1	3.50
		Talcher Bimalagarh B.G RAIL Link Project	1	42.76			1	42.76
		State Highway-10 Sambalpur to Rourkela	1	0.40			1	0.40
		Laying of Underground Natural Gas Pipeline along with Optical Fiber Cable of Jagdishpur-Haldia-Bokaro-Dhamra by GAIL India Ltd.			1	274.48	1	274.48
			6	**83.16**	**1**	**274.48**	**7**	**357.64**
29	**Sundargarh Division**	Gopalpur-Jharsuguda Rail line project of SE-Railway.	1	9.31			1	9.31
		Rourkela to Raigarh 400kv D/c transmission line by P.G.C.I. ltd.	1	3.77			1	3.77
		Laying of Underground Natural Gas Pipeline along with Optical Fiber Cable of Jagdishpur-Haldia-Bokaro-Dhamra by GAIL India Ltd.			1	150.15	1	150.15
		Dulunga Coal Mining Project NTPC.			1	111.46	1	111.46
		Total:	**2**	**13.08**	**2**	**261.61**	**4**	**274.69**
30	**Deogarh**	Rehabilitation & Upgradation of Tileibani-Sambalpur Section of NH-6	1	17.26			1	17.26
		Rehabilitation & Upgradation of Binjabahal- Tilebani Section of NH-6.	1	65.17			1	65.17
		Esst. Of 2x600 MW Thormal Power Plant by M/s JITPL in Dirang Village.	1	9.88			1	9.88
		Talcher Bimalagarh B.G RAIL Link Project.	1	100.21			1	100.21
		Laying of Underground Natural Gas Pipeline along with Optical Fiber Cable of Jagdishpur-Haldia-Bokaro-Dhamra by GAIL India Ltd.			1	234.09	1	234.09
		Widening & strengthening of 2 Lane to 2 Lane with paved shoulder from Km 58/00 to 116/100 Km. of NH-153 (B) in the State of Odisha on EPC Mode.			1	28.44	1	28.44
		Total:	**4**	**192.52**	**2**	**262.53**	**6**	**455.05**
31	**Jharsuguda Division**	Gopalpur-Jharsuguda Rail line project of SE-Railway.	1	26.19			1	26.19
		Rourkela to Raigarh 400kv D/c transmission line by P.G.C.I. ltd.	1	46.87			1	46.87
		Samaleswari Coal Project of MCL.	1	10.39			1	10.39
		Talabira II & III (OCP) of M/s NLC India Ltd.	1	91.96			1	91.96
		Lajkura OC Expansion Coal Project.	1	48.10			1	48.10

		Laying of Underground Natural Gas Pipeline along with Optical Fiber Cable of Jagdishpur-Haldia-Bokaro-Dhamra by GAIL India Ltd.			1	222.63	1	222.63
		Samaleswari Coal Project of MC-II.			1	39.00	1	39.00
		Total:	**5**	**224**	**2**	**261.63**	**7**	**485.14**
32	**Sambalpur**	Aluminium Smelter Plant & Captive Plant by M/s Aditya Aluminium.	1	11.86			1	11.86
		Talabira- I OCP.	1	7.69			1	7.69
		Four Laning of Angul-Sambalpur Section (NH-42) Approved cost of Site Specific Wildlife Conservation Plan-315.05 Lakh.	1	22.09			1	22.09
		Four Laning of Tilebiani-Sambalpur Section (NH-06).	1	22.08			1	22.08
		Talabira II & III (OCP) of M/s NLC India Ltd.	1	29.28			1	29.28
		Construction of Sambalpur-Titlagarh Railway Line Project by E.Co. Railway, Sambalpur- Sambalpur district/Sambalpur Forest Division			1	138.46	1	138.46
		Expansion of Integrated Steel Plant M/s Shyam Metalics & Energy Ltd. In Nishanbhanga, Rengali of Sambalpur Dist by IDCO.			1	47.42	1	47.42
		Total:	**5**	**93.00**	**2**	**185.88**	**7**	**278.88**
33	**Bamra (WL)**	Rehabilitation & Upgradation of Bhojpur to Chhatabar Section of NH-200.	1	2.40			1	2.40
		Rehabilitation & Upgradation of Tileibani-Sambalpur Section of NH-6.	1	6.85			1	6.85
		Laying of Underground Natural Gas Pipeline along with Optical Fiber Cable of Jagdishpur-Haldia-Bokaro-Dhamra by GAIL India Ltd.			1	237.43	1	237.43
		Widening & strengthening of 2 Lane to 2 Lane with paved shoulder from Km 58/00 to 116/100 Km. of NH-153 (B) in the State of Odisha on EPC Mode.			1	18.48	1	18.48
		Total:	**2**	**9.25**	**2**	**255.91**	**4**	**265.16**
34	**Rairakhol**	Rehabilitation and Up-gradation to 4-Lanning to Angul-Sambalpur Section (KM-112 to265) NH-42 (Now-NH-55).	1	55.07			1	55.07
		Widening & strengthening of 2 Lane to 2 Lane with paved shoulder from Km 58/00 to 116/100 Km. of NH-153 (B) in the State of Odisha on EPC Mode.			1	143.21	1	143.21
		Laying of Underground Natural Gas Pipeline along with Optical Fiber Cable of Jagdishpur-Haldia-Bokaro-Dhamra by GAIL India Ltd.			1	197.00	1	197.00
		Total:	**1**	**55.07**	**2**	**340.21**	**3**	**395.28**
35	**Bargarh**	**Construction of Sambalpur-Titlagarh Railway Line Project by E.Co. Railway, Sambalpur- Bargarh district/Bargarh Forest Division.**			1	122.70	1	122.70
		Total:	**0**	**0**	**1**	**122.70**	**1**	**122.70**
Grand Total:			**123**	**4195.55**	**35**	**4528.34**	**158**	**8723.89**
N.B:- Some of the SSWLCP are implementated in more than one division due to which the total no of running project comes to 123. However, the actual no of standalone running project is 97 with 16 no of new projects being added this year, which will be implementated during 2023-24.								

Proposal for Site Specific Wildlife Conservation Plan under CAMPA APO: 2022-23 (Wildlife Management)

SL. No.	Name of the Division	Name of the Project	Proposed Amount (Rs. In lakh)	Remarks	
				Old	New
1	**2**	**3**	**4**	**5**	**6**
1	**Angul Divn**	Utkal D Coal Mines of OMC Ltd.	6.25	Running	-
		Utkal B2 Coal Mines of OMC Ltd.	4.82	Running	
		Bharatpur Open cast coal mining expansion poject of MCL	54.96	Running	-
		Esst. Of 2x600 MW Thormal Power Plant by M/s JITPL in Dirang Village.	23.49	Running	-
		Esst.of 6 MTPA integrated steel plant at Badkerjang by Jindal steel & Power Ltd.	12.00	Running	-
		Construction of Talcher-Bimalgarh New BG Rail Link Project, Phase-II from 25.00 km to 153.90 km by E.Co.Railway	96.91	-	New
		Establishment of Integrated Steel Plant & Captive Power Plant in village Jharbandha by M/s Rungta Mines Ltd.	36.33	-	New
		Total:	**234.76**		
2	**Dhenkanal Divn**	Sukinda Chromite Mines of M/s TATA Steel Ltd.	20.58	Running	-
		Rehabilitation and Upgradtion (Four Lanning) of Cuttack-Angul-Section of NH-42 (Now-55) From 0 Km. to112 Km.)	89.13	Running	-
		Rehabilitation and Upgradtion of NH-23/200 by NHAI	136.05	-	New
		Construction of 3 x 800 MW Thermal Power Plant by OTPCL	208.56	-	New
		New Oil Deport by Bharat Petroleum Corporation Ltd.	123.90	-	New
		Establishment of Integrated Steel Plant & Captive Power Plant in village Jharbandha by M/s Rungta Mines Ltd.	57.20	-	New
		Angul-Duburi-sukinda Road New BG Rail link Project by East Coast Railway.	95.59	-	New
		Mahagiri Chromite Mines by M/s IMFA Ltd.	16.90	-	New
		Sukinda Chromite Mines by M/s IMFA Ltd	8.18		New
		Lanco Babandha Power Plant by M/s Lanco Babandha Power Ltd. (LBPL)	23.76		New
		Total:	**779.85**		
3	**Satkosia (WL) Divn**	Esst.of 6 MTPA integrated steel plant at Badkerjang by Jindal steel & Power Ltd.	7.19	Running	-
		Total:	**7.19**		
4	**Athgarh Divn.**	M/s Odisha Cement Plant.	22.04	Running	-
		M/s Bhubaneswar Power Plant	30.54	Running	-
		4 Laining of Cuttack-Angul Section of NH-42	129.43	Running	-
		Total:	**182.01**		
5	**Athmallik Divn.**	Rehabilitation and Up-gradation to 4 laning to Angul-Sambalpur Section.	36.23	Running	**-**
		Odisha power transmission corporation limited (OPTCL)	32.53	Running	-
		Total:	**68.76**		
6	**Cuttack Division**	Daitari & Daitari extension Area (Township) of M/s OMC Ltd.	17.21	Running	**-**
		Kaliapani Chromite Mines of M/s Balasore Alloys Ltd.	8.80	Running	-
		Establishment of stand lone Cement Grinding unit by M/s OCL India Ltd.	26.32	Running	-

		Angul-Duburi-sukinda Road New BG Rail link Project over-141.872 ha. Forest land by East Coast Railway.	7.43	Running	-
		Sukinda Chromite Mines of M/s TATA Steel Ltd	30.90	Running	-
		Railway Line from Jakhapura station to Steel Plant site at Kalinganagar in Jajpur	22.40	Running	-
		Kalarangi Chromite Ore Mines of M/s OMC Ltd.	10.24	Running	-
		Mahagiri Chromite Mines of M/s IMFA Ltd.	20.39	Running	-
		Sukinda Chromite Mines of M/s IMFA Ltd.	22.49	Running	-
		South Kaliapani Chromite Mines of M/s OMC Ltd.	12.86	Running	-
		Kamarda Chromite Mines of M/s B.C. Mohanty & Sons Pvt.	3.14	Running	-
		Sukrangi Chromite Mines of M/s OMC Ltd.	8.35	Running	-
		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	60.39	Running	-
		HARIDASPUR-PARADEEP NEW BG RAIL LINK PROJECT OF EAST COAST RAILWAYS WITHIN CUTTACK FOREST DIVISION AND RAJNAGAR (WL) DIVISION IN THE STATE OF ODISHA	15.78	Running	-
		REHABILITATION & UP-GRADATION TO 2/4 LANNING OF TALCHER-DUBURI-CHANDIKHOLE SECTION OF NH-200 BY NHAI-PIU, DHENKANAL	108.35	Running	-
		CONSTRUCTION RAIL LINE & SIDING AT VILLAGE MANTIARA AND RABANA NEAR KALINGANAGAR, DIST-JAJPUR BY IDCO FOR EMAMI CEMENT LTD.	10.02	Running	-
		Total:	**385.07**		
7	**Rairangpur Divn.**	**Four laning Project of NH-6 Baharagora to Singara**	120.93	-	New
		Total:	**120.93**		
8	**Karanjia Divn.**	**Four laning Project of NH-6 of Singara to Binjabahal Section**	203.82	-	New
		Four laning Project of NH-6 Baharagora to Singara	120.16	-	New
		Total:	**323.98**		
9	**Baripada**	**Four laning Project of NH-6 Baharagora to Singara**	50.43		New
		Total:	**50.43**		
10	**Keonjhar (WL) Division**	Four/Six lanning, widening & Strengthening of existing two lane of NH-215 within (Panikoili to Remuli 136km-11.892)	11.98	Running	-
		Daitari & Daitari extension Area (Township) of M/s OMC Ltd.	110.87	Running	-
		Total:	**122.85**		
11	**Khariar Division**	Lower Indra Irrigation Project	5.74	Running	-
		Total:	**5.74**		
	Puri WL	Action Plan for Marine Life Conservation including Olive Ridley Conservation.	12.47	Running	-
		Total:	**12.47**		
12	**Mangrove Forest Division (WL) Rajnagar**	Action Plan for Marine Life Conservation including Olive Ridley Conservation.	114.80	Running	-
		Total:	**114.80**		
13	**Bhadrak (WL) Division**	Construction of Light house at Jyostnamayee of Bhadrak district (Mangrove Habitat Conservation Plan.	5.50	Running	-
		Total:	**5.50**		
14	**Nayagarh Division**	Construction of Khordha-Balangir New B.G. Rail link project by East Cost Railway.	28.97	Running	-
		Total:	**28.97**		
15	**Khordha Division**	Construction of Khordha-Balangir New B.G. Rail link project by East Cost Railway.	27.27	Running	-
		Total:	**27.27**		
16	**Chandaka WL**	**Construction of 200 feet Master plan Road over length of 1.930 Km from Utkal Health Care Hospital to Rail Vihar**	66.84	-	New
		Total:	**66.84**		
17	**Rayagada Division**	Construction of conveyor Corridor and formation of Mine access road of Baphimalli Bauxite Mining Project of M/s Utkal Alumina International Limited.	6.52	Running	-
		Baphlimali Bauxite Mines	33.41	Running	-
		Kodingamali Bauxite Mines.	41.27	Running	-
		The Graphite Ore Mining Lease of M/s Pradhan Industries	57.80	-	New
		Total:	**139.00**		
		Roida-II to Mines of M/s Khatau Narbheram & Co.	1.00	Running	-
		Baitarani Iron Ore Mines of M/s Dr. Sarojini Pradhan	1.00	Running	-
		Jajanga Iron & Manganise of M/s Rungta Mines (P) Ltd.	3.96	Running	-
		Gandhamardan Iron Mines Block-B of M/s OMC Ltd.	4.27	Running	-
		Establishment of Iron Ore benefication plant & Tailing Dam by M/s BRPL	5.81	Running	-
		Dalki Mn. Mines of M/s BPME Ltd.- C/o OMDC Ltd.	6.85	Running	-
		Katamati Iron Ore Mines of M/s TATA steel Ltd.	6.86	Running	-
		Four & Six laying NH-215 from 0 to 163 kms (Panikoili - Remuli Section) of NHAI	13.59	Running	-
		Khandabandh Iron & Maganese Mines of TATA steel Ltd	46.73	Running	-
		Unchabali Iron & Mn. Mines of Smt Indrani Patanaik.	1.76	Running	-
		Balada Block Iron Ore Mines of M/s Sirajuddin & Co.	15.42	Running	-
		Inganijharan Iron and Mn. Ore Mines by M/s Bhanja Minerals Pvt.Ltd. (Champua Range)	8.80	Running	-
		Putulipani Iron Ore Mines by M/s Gandhamardan Sponge Industries Pvt. Ltd-BJP	9.39	Running	-
		Bolani Iron Ore Mines of M/s SAIL (6.90 Sq. Miles)	121.60	Running	-
		Roida-I Iron Ore Mines of Mideast Integrated Steel Ltd.	7.40	Running	-
		Gandhamardan Iron Ore Mines Block-A of M/s OMC Ltd.	40.80	Running	-
		M/s Prakash Industries Limited by Sirkagutu Iron & Manganese Ore Mines	11.08	Running	-
		Bolani Iron Ore Mines of M/s SAIL (5.10 Sq. Miles)	83.22	Running	-
		Nuagaon Iron Ore Mines of M/s KJS Ahluwallia	17.30	-	New
		Thakurani Iron Ore mines by M/s Kaypee Enterprises	11.30	-	New
		Four laning Project of NH-6 of Singara to Binjabahal Section	82.96	-	New
		Total:	**501.10**		
19	**Bonai Division**	Patmunda Mn. Mines of M/s OMM (P) Ltd.	7.88	Running	-
		Narayanaposhi Iron & Mn. Mines of M/s AMTC (P) Ltd.	5.16	Running	-
		Barsuan-Taldihi-Kalta-ML-130) Iron Mines of M/s SAIL	95.81	Running	-

		TRB Iron Mines of M/s Jindal Steel & Power Ltd.	2.98	Running	-
		San Indpur Iron & Bauxite Mines of M/s Rungta Sons (P) Ltd.	1.03	Running	-
		M/s Visal Metalics (P) Ltd.	2.10	Running	-
		Kanther-Koira Mn. Mines of M/s Rungta mines (P) Ltd.	0.40	Running	-
		Nadidihi Iron & Mn. Mines of M/s BICO, Ltd.	3.53	Running	-
		Teherei Mn. Mines of M/s BICo. Ltd.	7.05	Running	-
		Koira Iron Mines of M/s Essel Mining and Industries Ltd.	3.20	Running	-
		Raikela Iron Mines of M/s National Enterprises.	12.71	Running	-
		Tantra Mines of M/s Korp Resources Ltd.	2.99	Running	-
		Raikela & Tantra Iron Ore Mines of M/s Penguin Trading Agency Ltd.	21.22	Running	-
		Oraghat Iron Mine of M/s Rungta Sons (P) Ltd.	14.38	Running	-
		Upgrading the Existing Road from Biramitrapur to Barkote NH-23.	37.11	Running	-
		National Highway Project from Remuli to Rajamunda.	43.28	Running	-
		Talcher Bimalagarh B.G RAIL Link Project	40.69	Running	-
		San-Indpur Mines of M/s National Enterprises	57.91	-	New
		Mahulsukha Mn. Mines AMTC Ltd.	47.90	-	New
		Kamanda Steel Plant M/s Rungta Mines P.Ltd.	40.82	-	New
		Total:	**448.15**		
20	**Rourkela Division**	Gomardihi Dolomine Quarry of Tata Steel ltd.	21.42	Running	-
		Rourkela to Raigarh 400kv D/c transmission line by P.G.C.I. ltd.	15.46	Running	-
		Biramitrapur to Barkote NH-23.	22.96	Running	-
		Rimuli to Rajamunda NH	5.95	Running	-
		Talcher Bimalagarh B.G RAIL Link Project	82.00	Running	-
		State Highway-10 Sambalpur to Rourkela	0.40	Running	-
			148.19		
21	**Sundargarh Division**	Gopalpur-Jharsuguda Rail line project of SE-Railway.	15.29	Running	-
		Rourkela to Raigarh 400kv D/c transmission line by P.G.C.I. ltd.	10.76	Running	-
		Total:	**26.05**		
22	**Deogarh**	Rehabilitation & Upgradation of Tileibani-Sambalpur Section of NH-6	18.76	Running	**-**
		Rehabilitation & Upgradation of Binjabahal- Tilebani Section of NH-6.	77.24	Running	**-**
		Esst. Of 2x600 MW Thormal Power Plant by M/s JITPL in Dirang Village.	35.80		New
		Talcher Bimalagarh B.G RAIL Link Project	138.99		New
		Total:	**270.79**		
23	**Jharsuguda Division**	Gopalpur-Jharsuguda Rail line project of SE-Railway.	8.04	Running	-
		Rourkela to Raigarh 400kv D/c transmission line by P.G.C.I. ltd.	15.41	Running	-
		Samaleswari Coal Project of MCL	10.42	Running	-
		Talabira II & III (OCP) of M/s NLC India Ltd.	64.85	Running	-
		Lajkura OC Expansion Coal Project.	34.00	Running	-
		Total:	**132.72**		
24	**Sambalpur**	Aluminium Smelter Plant & Captive Plant by M/s Aditya Aluminium	10.15	Running	
		Talabira- I OCP	10.69	Running	-
		Four Laning of Angul-Sambalpur Section (NH-42) Approved cost of Site Specific Wildlife Conservation Plan-315.05 Lakh.	19.11	Running	-
		Four Laning of Tilebiani-Sambalpur Section (NH-06).	16.00	Running	-
		Talabira II & III (OCP) of M/s NLC India Ltd.	27.37	Running	-
		Total:	**83.32**		
25	**Bamra (WL)**	Aluminium Smelter Plant & Captive Plant by M/s Aditya Aluminium	7.05	Running	-
		Rehabilitation & Upgradation of Bhojpur to Chhatabar Section of NH-200	2.00	Running	-
		Rehabilitation & Upgradation of Tileibani-Sambalpur Section of NH-6	5.45	Running	-
		Total:	**14.50**		
26	**Rairakhol**	Rehabilitation and Up-gradation to 4-Lanning to Angul-Sambalpur Section (KM-112 to265) NH-42 (Now-NH-55)	50.97	Running	-
		Total:	**50.97**		
Grand Total:			**4352.21**	**99**	**24**

Plantation

Annexure III-I

Site-wise details of Vanya Silk Plantation @ 500 plants /ha under ANR Mode

Sl. No.	Division	Range Name	Location	Area (Ha)	Geo-coordinates	
					Latitude	**Longitue**
1	Athmallik	Dhandatopa	Kantapada KF	10	20.989837	84.656660
		Dhandatopa	Arakhakuda KF	10	20.856301	84.369000
		Bamur	Dohali KF	20	20.811666	84.661944
			Athmallik	90		
		Total-		**40**		
2	Dhenkanal	Kamakhyanagar East	Ranjagarh RF Near Mandiapada	20	21.106209	85.616162
		Total-		**20**		
3	Cuttack	Sukinda	Barabati-A DPF	30	20.962083	85.892028
		Sukinda	Pubal DPF	20	20.928757	85.858166
		Tomka	Burudi sahi	30	21.082952	85.945943
		Total-		**80**		
4	Boudh	Boudh	Usmilka VF	20	20.743333	84.099722
		Boudh	Bijapadar VF	20	20.754889	84.085556
		Total-		**40**		
5	Bargarh	Padampur	Dhaulibahal	20	21.145390	82.904500
		Paikmal	Bilaspur VF	25	21.041440	82.718250
		Nrusinghnath	Dudukijharia	50	20.781142	82.748147
		Total-		**95**		
6	Sundargarh	Sundargarh	Filingibahal KF	50	22.055670	84.235500
		Total-		**50**		
7	Bonai	Kuliposh	Gaganaposh (Amrudhi RF)	100	21.916194	85.034444
		Total-		**100**		
8	Keonjhar	Keonjhar	Khajuribani PRF	50	21.379111	85.527350
		Total-		**50**		
9	Baripada	Bangriposi	Katisole VF	50	22.258935	86.593551
		Total-		**50**		
10	Rairangpur	Bahalda	Gambharia RF Near Gambharia	10	22.341022	86.144492
		Badampahar	Kherna RF Near Kherna	20	22.139751	86.065250
		Total-		**30**		
11	Subarnapur	Birmaharajpur	Bahalpadar	100	21.029720	84.091670
		Total-		**100**		
12	Bolangir	Balangir	Asurdunguri	50	20.629000	83.453830
		Balangir	Patharchepa	50	20.717860	83.419470
		Total-		**100**		
13	Khariar	Khariar	Khasbahal	50	20.228958	82.823933
		Komna	Malickmunda	50	20.481870	82.613776
		Total-		**100**		
14	Koraput	Laxmipur	Talachampi	20	18.983220	83.027330
		Total-		**20**		
15	Jeypore	Gupteswar	Ghodaghat RF	50	18.898778	82.222667
		Boipariguda	Gumma RF	50	18.814722	82.438611
		Total-		**100**		
16	Nowrangpur	Umerkote	Pariabedaguda	50	19.524111	82.125889
		Raighar	Hatigam	20	20.038208	82.065851
		Raighar	Hatigam	10	20.038208	82.065851
		Total-		**80**		
17	Malkangiri	Mathili	Bara	10	18.686600	82.100070
		Mathili	Madkaguda	10	18.628760	82.232050
		Chitrakonda	Chitrakonda	20	18.116767	82.127993
		Motu	Tetrai	30	17.869890	81.486920
		Balimela	Nakamamudi	20	18.241130	82.119530
		Total-		**90**		
		***Grand Total*=**		**1145**		

Annexure III-II

Site-wise details of Fodder & Fruit Plantation @500 plants /ha under ANR mode

Sl. No.	Division	Range Name	Location/ Site Name details	Area (Ha)	Geo-coordinates	
					Latitude	**Longitue**
1	Angul	Chhendipada	Chhendipada RF	50	21.043930	84.860410
		Chhendipada	Kankurpal RF	50	21.120570	84.926800
		Angul	Kalapat PRF	50	20.819970	84.916560
		Talcher	Nuabhuin R.F	50	20.942610	85.022580
		Kaniha	Badakathia RF	30	21.031560	85.012970
		Kaniha	Badakathia RF	30	21.029370	85.012760
		Kaniha	Phuljhari RF	50	21.194110	85.022330
		Total-		**310**		
3	Cuttack	Tomka	Burudisahi	30	21.077499	85.941911
		Total-		**30**		
4	Puri WL	Astaranga WL Range	Nipania	5	20.031694	86.153539
		Total-		**5**		
5	Boudh	Madhapur	Karadakotha RF C/1	50	20.519435	84.461380
		Madhapur	Karadakotha RF C/2	50	20.546194	84.432583
		Madhapur	Mundeswar RF C/6	50	20.802222	84.824167
		Total-		**150**		
6	Gh.South	Buguda	Panchubhuti 'A' RF, Compt. No.1 near Panchubhuti Village	50	19.954997	84.862025
		Buguda	Kiriamba RF, Compt. No.5 near Suliapalli village	50	19.851953	84.860386
		Total-		**100**		
7	Gh.North	Central	Kaliamba RF C/4	50	19.872030	84.543220
		Total-		**50**		

8	Berhampur			0		
		Total-		**20**		
9	Jharsuguda	Brajrajnagar	Rajpur PRF	50	21.867260	83.893350
		Bagdihi	Goyalmura PRF	10	21.997220	84.149270
		Bagdihi	Sarasmal A PRF	50	21.955430	84.160490
		Total-		**110**		
10	Bamara WL	Bamra WL Range	Parimunda-niktimal PRF	30	21.964166	84.393330
		Bamra WL Range	Mahulmunda-Karlakhaman KF	10	22.161454	84.406506
		Kuchinda WL Range	Lapada PRF	25	21.925960	84.465685
		Kuchinda WL Range	Ghodabandhuni PRF	25	21.647936	84.348711
		Jamankira WL Range	Addl. Kansar RF near Dumamura	20	21.498611	84.441111
		Jamankira WL Range	Bhoipali PRF	10	21.652611	84.276361
		Jamankira WL Range	Binjipali RF	10	21.562008	84.218617
		Jamankira WL Range	Sanbalimal KF	10	21.644333	84.259500
		Badrama WL Range	Kanibandhli PRF	30	21.485028	84.188806
		Badrama WL Range	Ushakothi RF Compt. No.48	30	21.454231	84.442539
		Khalasuni WL Range	Panduakhol KF	20	21.296108	84.525894
		Total-		**220**		
11	Sundargarh	Lephripara	Kurumkel RF	50	22.093300	83.781180
		Bargaon	Mahavir R.F	60	22.131738	84.325460
		Gopalpur	Kaletpani PRF	50	22.081250	83.747778
		Gopalpur	Sareikela PRF	25	22.013556	83.847694
		Gopalpur	Sareikela DPF	15	22.034861	83.841806
		Total-		**200**		
12	Rourkela	Panposh	Sonaparbat RF	50	22.211154	84.908015
		Kuarmunda	San Dalakudar, Soma Beda village	50	22.169556	84.787083
		Kuarmunda	Bhainsamunda RF	50	22.038167	84.802806
		Kuarmunda	Chadri RF	50	22.297639	84.765556
		Biramitrapur	Ghoghari RF	50	22.369444	84.697222
		Banki	Dhanghar RF	50	21.963861	84.890306
		Banki	Kukia RF	50	22.074139	84.906111
		Banki	Kucheita RF	50	21.916611	84.875639
		Rajgangpur	Rengabeda (Jambua Comp.)	50	22.123056	84.676667
		Rajgangpur	Dubku	50	22.094444	84.511111
		Total-		**500**		
13	Bonai	Kuliposh	Amrudhi PRF	20	21.866000	85.103167
		Kuliposh	Daleisara	80	21.682361	85.041098
		Kuliposh	Mahulpada	20	21.627323	85.154084
		Barsuan	Sarkunda PRF	30	21.826348	85.148723
		Total-		**150**		
14	Keonjhar	BJP	Kakharua DPF-Coupe No- KKR-II	100	21.561169	85.379811
		Total-		**100**		
15	Baripada	Baripada	Purunia RF	15	21.706077	86.754270
		Baripada	Badsahi RF	35	21.679000	86.742960
		Total-		**50**		
16	Subarnapur	Birmaharajpur	Bhaludunguri	100	21.021110	84.097220
		Total-		**100**		
17	Bolangir	Balangir	Ainlapali	50	20.570580	83.566360
		Balangir	Barapudgia	50	20.714280	83.373670
		Muribahal	Gulmi	50	20.373170	83.153720
		Harishankar	Gandhamardan RF	50	20.873580	82.889830
		Harishankar	Thuta RF (Gundurupali)	25	20.767110	82.888640
		Loisingha	Bakti	25	20.943060	83.550900
		Loisingha	Bhalupali	25	20.888140	83.592530
		Loisingha	Keseipali	25	20.954890	83.476280
		Total-		**300**		
18	Rayagada	Muniguda	Kauguda (Kudulima RF)	10	19.692660	83.507940
		Gunupur	Karanjapadar (Andharlima PRF)	10	19.391147	83.747454
		Total-		**20**		
19	Malkangiri	Kalimela	Andaguda	30	18.156233	81.609523
		Total-		**30**		
	Grand Total			**2445**		

Annexure III-III

Site-wise details of RET/Medicinal Plantation @200 plants /ha under ANR mode

Sl. No.	Division	Range Name	Site Name details	Area (Ha)	Geo-coordinates	
					Latitude	Longitue
1	Cuttack	Dalijora	Kaliamba PRF	50	20.609722	85.998333
		Tomka	Raighti	50	21.067500	85.873889
		Tomka	Bahalisahi	100	21.062339	85.843203
		Tomka	Pitajhar	50	21.060889	85.961417
		Tomka	Nachhipura	50	21.125360	86.030052
		Sukinda	Ragada	30	21.059167	85.731667
		Sukinda	Tailangi	60	21.070000	85.810278
		Sukinda	Kankadagodi	60	21.082222	85.716389
		Total-		**450**		
2	Khurda	Tangi	Badapari DPF	50	19.935840	85.376250
		Balugaon	Chulijhinka DPF	50	19.819680	85.011590
		Ranpur	Sulia 'B' RF	100	20.146110	85.355550
		Total-		**200**		
3	Nayagarh	Gania	Bankamunda RF C/14	100	20.414361	84.919951
		Khandapada	Sikharapur RF	50	20.241342	85.120643
		Panchirida	Gochha RF C/9	200	19.943056	85.020674
		Mahipur	Hatimunda RF C/19	100	20.223063	85.012340
		Mahipur	Sulia RF C/1	50	20.122193	84.978894

		Mahipur	Hatimunda RF C/17	50	20.299295	84.983891
		Mahipur	Ratadei RF C/2	50	20.140000	84.844722
		Mahipur	Palva RF C/8	100	20.152778	84.901111
		Total-		**700**		
4	Phulbani	Tikabali	Budukakhol PRF	60	20.277050	84.498040
		Total-		**60**		
5	Baliguda	Balliguda	Kutudupa	50	20.063670	83.553230
		Balliguda	Kulusing	50	20.182140	83.552296
		Balliguda	Dulukia near Village Dumpadar	50	20.113020	83.484230
		Balliguda	Somagam	150	20.131900	83.442500
		Balliguda	Sikadi	50	20.172600	83.454800
		Balliguda	Kirangaon	25	20.231040	83.441230
		Balliguda	Sarigpada	25	20.234410	83.402750
		Brahmunigaon	Kilimera	50	19.421520	84.012610
		Brahmunigaon	Mundamaha	100	19.384510	84.064200
		Daringbadi	Dangamal	50	19.533570	84.052710
		Daringbadi	Dasingbadi	50	19.491910	84.051050
		Daringbadi	Kadaspata	50	19.571060	84.033820
		Daringbadi	Kandubadi	50	20.015020	84.101350
		Daringbadi	Kirami	50	19.543200	84.562930
		Daringbadi	Dakali	50	19.542410	84.544530
		K.Nuagaon	Sirigina RF Near Village Gutusalaguda	50	20.945070	84.940080
		K.Nuagaon	Gaseikia	50	20.098603	84.097284
		K.Nuagaon	Baulmaha	50	20.077677	84.083297
		Tumudibandha	Ghumuragaon	50	19.585000	83.401290
		Tumudibandha	Bondaguda	50	19.583900	83.465340
		Tumudibandha	Tengeri	50	20.052160	83.450240
		Belghar	Landalu	50	20.010270	83.340530
		Belghar	Sinderpada	50	20.024250	83.340530
		Belghar	Goibali	50	19.512900	83.330000
		Belghar	Belghar Guma S PRF	50	19.919495	83.605298
		Kotagarh	Talamadhuguda	25	19.494630	83.463310
		Kotagarh	Lassery	25	19.444740	83.412190
		Kotagarh	Karnaguda	25	19.442000	83.453000
		Kotagarh	Bhandari	25	19.415080	83.423750
		Kotagarh	Pilimaha	25	19.533980	83.512560
		Total-		**1475**		
6	Gh.South	Buguda	Panchubhuti 'A' RF, Compt. No.3 near Udayapur Village	50	19.924342	84.878781
		Buguda	Kiriamba RF, Compt. No 3 near Kiriamba Village	50	19.881111	84.911111
		Buguda	Sandhachulia RF near Badakholi Village	50	19.711894	84.707631
		Polasara	Sodaka B DPF near Rumagada	50	19.745972	84.767056
		Surada	Pipalapanka RF, Compt. 2 near Amlajhudi,	50	19.809806	84.321750
		Badagada	Raipada RF near Nuagochha	75	19.691667	84.501389
		Badagada	Merikote UDPF near Tikanagar	25	19.692267	84.297553
		Total-		**350**		
7	Gh.North	Mujagada	Kullada RF C/3	100	19.990250	84.592410
		Mujagada	Tiliki RF C/1	50	19.929510	84.472220
		Mujagada	Gallery RF C/9	50	20.023850	84.540860
		Central	Tiliki RF C/6	25	19.922750	84.542780
		Central	Tiliki RF C/5	50	19.891580	84.513830
		Central	Ragada RF C/6	25	19.771310	84.488310
		Central	Ragada RF C/3	50	19.834970	84.513970
		Central	Ragada RF	50	19.835147	84.51452
		Total-		**400**		
8	Jharsuguda	Bagdihi	Pitamal PRF	50	21.972740	84.144350
		Total-		**50**		
9	Bamara WL	Bamra	Tangarmunda-Sankobahal PRF	50	22.068777	84.364513
		Bamra	Bandhabar West RF (Rabga)	50	22.068169	84.492609
		Bamra	Sargidihi PRF	50	21.938197	84.504013
		Kuchinda	Khajuria RF near KUreichuan	50	21.721156	84.545071
		Jamankira	Pravasuni RF	30	21.631900	84.452940
		Jamankira	Binjipali RF, Pandabdihi	50	21.603506	84.222972
		Jamankira	Katarkela KF	50	21.642702	84.322786
		Jamankira	Binjipali RF near Tinabatia	20	21.633890	84.221362
		Badrama	Badrama RF, Compt. No.1	30	21.531944	84.274444
		Badrama	Badrama RF, Compt. No.7	30	21.505472	84.300820
		Khalasuni	Uradei KF	30	21.312533	84.425683
		Total-		**440**		
10	Sundargarh	Lephripara	Dhangergudi RF	50	22.206529	83.734968
		Gopalpur	Sareikela PRF	60	21.019000	83.881889
		Bargaon	Banglapahad R.F	50	22.314306	84.444694
		Bargaon	Udarama R.F	50	22.247361	84.340583
		Ujalpur	Bankibahal	50	22.241305	84.030441
		Gopalpur	Jamkani RF	100	22.088848	83.710418
		Bargaon	Mahavir R.F	40	22.131462	84.320805
		Total-		**400**		
11	Rourkela	Biramitrapur	Dhumagadha RF	50	22.381242	84.822866
		Bisra	Santoshpur RF	50	22.255833	84.956111
		Bisra	North Sukuda RF (Lingidiri)	50	22.367778	85.054444
		Rajgangpur	Gudali RF	50	22.200278	84.542222
		Total-		**200**		
12	Bonai	Barsuan	Toda RF	50	21.917383	85.106416
		Barsuan	Khandadhar PRF	30	21.820806	85.113500
		Barsuan	Sarkunda PRF	40	21.807056	85.149472
		Tamra	Koilijhar (Dhenkiam RF)	30	21.973667	84.853333
		Tamra	Benuam (Kusumdihi RF)	50	22.003806	84.780667

		Kuliposh	Mahulpada RF	30	21.627323	85.154084
		Kuliposh	Hatibahal (Amrudhi PRF)	150	21.880083	85.041125
		Kuliposh	Raikelaposh (Singardei DPF)	50	21.793306	84.983972
		Total-		**430**		
13	Deogarh	Barkote	Bramhanimal	50	21.325266	84.500597
		Total-		**50**		
14	Subarnapur	Binka	Seledi	50	20.951960	83.780350
		Binka	Kaintara	50	20.968880	83.759880
		Binka	Nuapali	50	21.014390	83.779730
		Binka	Siali	50	20.978319	83.656681
		Binka	Adakasa	50	21. 053044	83.748936
		Binka	Kadalipali	50	20.057890	83.763260
		Birmaharajpur	Amarpali	100	21.036670	84.086940
		Birmaharajpur	Gudguda	100	21.036670	84.086940
		Birmaharajpur	Dadarpali	100	21.035830	84.039170
		Birmaharajpur	Sergeda	50	20.954370	84.182520
		Ullunda	Radhanagar	50	21.054680	83.919537
		Ullunda	Brahmanipali	50	21.096031	83.946283
		Ullunda	Jamgaon	50	20.951286	83.949567
		Ullunda	Redam	50	20.972912	83.962198
		Ullunda	Mankadabahal	50	20.987300	83.842891
		Ullunda	Kutpali	50	21.163486	83.907779
		Ullunda	Dadarpali	50	20.939863	83.985399
		Ullunda	Goghat	50	21.018598	83.992830
		Sonepur	Chaurasipur	50	20.897120	83.679918
		Total-		**1100**		
15	Bolangir	Balangir	Dudkasira	50	20.727220	83.398330
		Balangir	Dhumamara	50	20.712000	83.435940
		Harishankar	Kapasia RF	100	20.805560	82.953610
		Harishankar	Dhajagarh RF	50	20.756030	82.957610
		Kantabanji	Budhibahal (Raju RF)	100	20.517420	82.787440
		Kantabanji	Bhalukhai (Ramod RF)	50	20.561190	82.880810
		Kantabanji	Khutlumunda (Lamithuta RF)	50	20.494690	82.855360
		Lathore	Dhaurakhaman	50	20.647130	82.840270
		Lathore	Pipalbahal	50	20.621520	82.784750
		Lathore	Bhalukuna	50	20.607980	82.742610
		Muribahal	Satbahani	50	20.397370	83.135660
		Muribahal	Rengali	50	20.489170	83.067020
		Muribahal	Suapada	50	20.414040	83.152620
		Muribahal	Govindpur	50	20.439040	83.128290
		Muribahal	Chikinibahali	50	20.381590	83.127200
		Patnagarh	Kiribanji RF (Keomal)	50	20.562780	83.178610
		Patnagarh	Gambharimal	50	20.550420	83.210390
		Patnagarh	Kubrimahul	50	20.557890	83.184780
		Patnagarh	Chitkamal	50	20.780420	83.058610
		Patnagarh	Khairpada	50	20.893500	83.197970
		Saintala	Dhunkeda	150	20.467700	83.296910
		Saintala	Lafer	50	20.477600	83.176070
		Titilagarh	Ganpadar	50	20.326560	83.264000
		Titilagarh	Banjijhal	50	20.347720	83.219920
		Titilagarh	Bhatipada	50	20.368810	83.165970
		Titilagarh	Badmal	50	20.373720	83.235960
		Total-		**1500**		
16	Rayagada	Muniguda	Hatadahikhal (Dahikhal PRF)	10	19.717800	83.471270
		Total-		**10**		
17	Koraput	Balda	Muktiamba	40	18.249942	82.623933
		Total-		**40**		
18	Malkangiri	Malkangiri	Jhileriguda	50	18.523842	81.905605
		Total-		**50**		
	Grand Total			**7905**		

Annexure III-IV

Site-wise details of Other Indigenous Miscellaneous Species @500 plants /ha under ANR mode

Sl. No.	Division	Range Name	Location/ Site Name details	Area (Ha)	Geo-coordinates	
					Latitude	Longitue
1	Dhenkanal	Dhenkanal	Jaripal RF	20	20.572450	85.406210
		K.Nagar West	Anantapur RF near Kadabasanta	40	20.971830	85.482810
		K.Nagar West	Anantapur RF near Rangamatia	20	20.992770	85.443670
		K.Nagar West	Kankili RF near Kankili	20	20.868780	85.400620
		K.Nagar West	Kadalipal RF Near Kadalipal	20	20.869860	85.582830
		K.Nagar West	Analabereni RF	40	20.858250	85.456280
		K.Nagar West	Suniamaru RF	60	20.874000	85.533500
		Mahabirod	Anantapur RF near Domuhani	16	21.034620	85.320000
		Mahabirod	Anantapur RF near Jhili	20	21.084710	85.409220
		Bhuban	Bhuban RF	20	20.901810	85.783560
		Bhuban	Bhuban RF near Muruga	20	20.910940	85.778280
		Total-		**296**		
2	Athgarh	Narasinghpur East	Olaba RF C/2	50	20.490194	85.237750
		Narasinghpur East	Chandragiri RF C/2	50	20.4857778	85.237056
		Narasinghpur East	Deobhuin RF C/8	25	20.5329167	85.137250
		Badamba	Tareiganda RF	70	20.4430556	85.344444
		Khuntuni	Baniabandha RF C/2	25	20.6283444	85.726708

		Total-		**220**		
3	Cuttack	Dalijora	Byree	100	20 37 53.0	86 01 48.0
		Tomka	Bhatisahi	100	21.083232	85.955001
		Total-		**200**		
4	Puri WL	Balukhanda WL Range	Balighai	100	19.846269	85.963864
		Total-		**100**		
5	Rajnagar WL	0	Surrendered vide this office memo no. 6669 dtd 28.11.2022	0		
		Total-		**50**		
6	Chilika WL	Rambha WL Range	Pitisal PRF	50	19.489807	85.203566
		Total-		**50**		
7	City Forests	Bhubaneswar	Mendhasal RF	30	20.279516	85.731112
		Total-		**30**		
8	Phulbani	Phulbani	Balaskumpa RF	50	20.412139	84.285611
		Phulbani	Khajuripada Rf	100	20.447167	84.430250
		Tikabali	Chakapad RF/ C-13	100	20.191694	84.509194
		Tikabali	Arachangi A RF	100	20.170610	84.561660
		Tikabali	Gudukapadar RF	100	20.377470	84.509300
		Tikabali	Linepada RF	100	20.320930	84.306970
		Raikia	Kilundi RF (Bedari)	50	20.070667	84.196639
		Raikia	Sikabadi PRF	25	19.975333	84.264972
		Raikia	Karada PRF	50	19.952667	84.242556
		Raikia	Ganjuguda RF(Gumandi)	25	20.034639	84.261389
		Phiringia	Krandibali E RF	50	20.385056	84.058750
		Phiringia	Gochhpada RF	50	20.430972	84.030667
		Phiringia	Bandhagada A PRF	50	20.321528	84.217000
		Phiringia	Damingia PRF	50	20.308917	83.952972
		Phiringia	Krandibali W RF	50	20.442556	83.962917
		Phiringia	Balandapada N PRF	50	20.528361	83.854278
		G.Udayagiri	Tudubali RF	50	20.239580	84.278340
		G.Udayagiri	Bhanjapadar PRF	40	20.216980	84.404958
		Total-		**1090**		
9	Baliguda	Balliguda	Jargi	40	20.151900	83.464100
		Brahmunigaon	Sramgudi	25	19.425990	84.111640
		Brahmunigaon	Dhusarigaon	25	19.424900	83.584700
		Brahmunigaon	Saragudi	50	19.387000	84.091310
		Daringbadi	Kirami	50	19.543200	84.562930
		K.Nuagaon	Mundanaju	25	20.011040	84.010540
		K.Nuagaon	Adibasi	50	20.010550	84.025840
		K.Nuagaon	Sashimaha	50	20.035140	84.081020
		K.Nuagaon	Ekamaha	5	20.053090	84.084970
		Tumudibandha	Gasamaha	20	20.084080	83.441130
		Tumudibandha	Gasamaha	20	20.084070	83.441120
		Tumudibandha	Ghumuragaon	20	19.584790	83.400560
		Tumudibandha	Lundrubanga	20	20.013420	83.322080
		Tumudibandha	Sirla	20	19.575730	83.462920
		Belghar	Landalu	20	20.010270	83.340530
		Kotagarh	Duriguda	20	19.462650	83.502200
		Total-		**460**		
10	Boudh	Boudh	Goudadei RF C/1	50	20.759250	84.268611
		Boudh	Bankamundi RF C/7	50	20.725444	84.279889
		Boudh	Nagarjuna RF C/2	50	20.713500	84.206389
		Purunakatak	Aragarh RF C/1	100	38.281500	84.492053
		Manamunda	Subarnagiri RF C/13	100	20.634169	84.062781
		Manamunda	Penajore RF C/2	100	20.671250	83.919833
		Manamunda	Sindurbhadi RF C/1	100	20.724500	84.011722
		Kantamal	Putputigarh RF C/4	50	20.604536	83.796842
		Kantamal	Penajore RF C/1	50	20.650789	83.889453
		Kantamal	Sanadanda RF	50	20.423667	83.705639
		Kantamal	Matakupa RF C/ 5	50	20.509444	83.853250
		Kantamal	Padhel RF C/11	50	20.419264	83.697408
		Total-		**800**		
11	Gh.South	Aska	Pakidi DPF near Patharapunji	30	19.516722	84.677694
		Aska	Chemidi DPF near Chemidi Village	50	19.734139	84.589028
		Aska	Suliaguda DPF near Kendupalli	30	19.628425	84.558575
		Aska	Mallijhara II DPF near Gopalpur	50	19.606806	84.555139
		Buguda	Budurungu RF near Manitara	50	19.949278	84.804806
		Buguda	Kiriamba RF, Compt. No.8 near Bhagabanpur village	50	19.853681	84.860386
		Buguda	Kadapada RF near Chamunda Village	50		
		Polasara	Pandripada RL near Paneri	50	19.825694	84.981417
		Polasara	Pandripada RL near Gopiapalli	50	19.765194	84.886806
		Polasara	Khaladimala PRF near Khaladi	50	19.670222	84.900333

		Surada	Pipalapanka RF, Compt. No.5 near Raiguda	50	19.792944	84.346806
		Badagada	Badagada A UDPF near Kutuliguda	50	19.665500	84.345889
		Badagada	Merikote UDPF near Tikanagar	50	19.690908	84.294172
		Total-		**610**		
12	Gh.North	Mujagada	Kullada RF C/3	25	19.997500	84.615590
		Mujagada	Gallery RF C/15	50	20.020640	84.549740
		Mujagada	Baibali RF C/6	25	19.994720	84.424170
		Mujagada	Gallery RF C/1	50	20.009940	84.509390
		Mujagada	Rambha RF C/2	15	20.080610	84.528190
		Mujagada	Gallery RF C/13	10	20.078580	84.520410
		Central	Klaiamba RF C/6	15	19.885060	84.571610
		Central	Tiliki RF C/6	10	19.920640	84.532470
		Gallery Range	Gallery RF C/23	25	20.007640	84.586440
		Gallery Range	Dimirijholi RF C/2	25	20.131720	84.567530
		Gallery Range	Dimirijholi RF C/1	25	20.116110	84.531110
		Gallery Range	Chandragiri RF C/11	25	20.086500	84.618390
		Tarasingi	Chandragiri RF C/8	25	20.079612	84.675577
		Tarasingi	Amz RF C/10	25	20.135797	84.697740
		Tarasingi	Paichhalia RF C/3	25	20.076080	84.471670
		Jagannathprasad	Jagannathprasad RF C/4	25	20.035520	84.750377
		Jagannathprasad	Jagannathprasad RF C/6	50	19.996414	84.759981
		Jagannathprasad	Jagannathprasad RF C/4	25	20.035520	84.750377
		Jagannathprasad	Jagannathprasad RF C/5	50	19.996414	84.759981
		Total-		**525**		
13	Berhampur	Khallikote	Kurumpur	50	19.713528	85.136500
		Khallikote	Panasdiha	50	19.505806	85.079083
		Brahmapur	Badasulia	50	19.278889	84.660583
		Samantiapalli	Dhadiamba	20	19.058056	84.464722
		Samantiapalli	Luhagudi	20	19.108250	84.387222
		Samantiapalli	Luhagudi	20	19.108248	84.387222
		Total-		**210**		
14	Parlakhemundi	Chandragiri	Mardiguma	25	19.220431	84.162923
		Chandragiri	Near Badapur	25	19.216400	84.251930
		Ramagiri	Ranalai PRF	50	19.264984	84.197771
		R.Udayagiri	Luhakhunti	50	19.192234	84.135336
		R.Udayagiri	Gotha	50	19.256626	84.102187
		R.Udayagiri	Ringisingi	50	19.082294	84.176301
		R.Udayagiri	Budisila	50	19.132379	84.129013
		Mohana	Baliganda	30	19.633064	84.044802
		Mohana	Mohana-B UDPF	20	19.428611	84.273056
		Total-		**350**		
15	Sambalpur	Padiabahal	Charbahalikhaman RF	20	21.312880	84.239542
		Padiabahal	Meghpal RF	50	21.371477	84.257776
		Padiabahal	Parsalikhaman RF	10	21.327063	84.281637
		Padiabahal	Tampergarh DPF	20	21.377575	84.251266
		Padiabahal	Chhamunda Kusamura RF	20	21.339971	84.162307
		Sadar	Jaduloisingh Gunjaghar RF	20	21.336027	84.032350
		Sadar	Basiapada Birsinghgarh RF	20	21.279232	84.036997
		Sadar	Labdera Bolbanga RF	30	21.311592	83.968163
		Sadar	Dumerchuan Mundher RF	10	21.360854	84.020987
		Rengali	Ghichamura Phuljhar RF	50	21.710804	84.109036
		Rengali	Ghichamura Jarmal RF	10	21.699917	84.139808
		Rengali	Phuljharikhaman RF	40	21.573500	84.201520
		Dhama	Kolgaon TDRF	50	21.185328	83.994396
		Dhama	Satpardia DPF	20	21.216602	84.074616
		Dhama	Kusumdihi VF	30	21.244594	84.045759
		Total-		**400**		
16	Rairakhol	Redhakhol	Hatidhara C No.5	20	21.118189	84.467761
		Redhakhol	Hatidhara C No.10	20	21.088667	84.425972
		Redhakhol	Landakote Rf C No.49	40	21.119090	84.283907
		Redhakhol	Hatidhara RF C No.1	15	21.120175	84.398030
		Charmal	Siaripani PRF	20	21.081028	84.157544
		Naktideul	Rail RF C No.17	40	21.098008	84.531767
		Naktideul	Kholgarh RF C No.11	20	21.228003	84.614231
		Naktideul	Kholgarh RF C No.14	20	21.252497	84.401008
		Naktideul	Landakote Rf C No.20,22	20	21.274814	84.321708
		Naktideul	Landakote RF C No.30	20	21.225964	84.338044
		Badbahal	Sanrengali PRF	20	20.988731	84.272768
		Badbahal	Tal RF	20	21.043800	84.299562
		Badbahal	Rahan RF C No.6	20	20.927462	84.280472
		Badmal	Badmal	20	21.089275	84.082930
		Badmal	Kuakhol	20	21.061583	84.134714

		Badmal	Mochibahal PRF	20	21.112797	84.134236
		Badmal	Landakote Rf C No.65	25	21.150558	84.179750
		Badmal	Khandashi	20	21.166167	84.231869
		Total-		**400**		
17	Bargarh	Bhatli	Bagmunda	60	21.612190	83.500360
		Bhatli	SDBR RF Wireless Tracking point	60	21.552190	83.490830
		Bhatli	Naktichhapar	30	21.516640	83.389080
		Ghess	Jharei	60	21.217470	83.247110
		Ghess	Badmal	60	21.213060	83.238360
		Ghess	Jampali	60	21.204830	83.239220
		Padampur	Jubikhol	30	21.084830	82.896640
		Padampur	Jubakhol	30	20.895560	83.170830
		Padampur	Ambahal	30	20.884250	83.055250
		Paikmal	Chheliamal	30	21.030780	82.866470
		Paikmal	Ravanguda	30	21.107560	82.681080
		Nrusinghnath	Kudhariphasa	30	20.864838	82.792446
		Nrusinghnath	Lergaon	30	20.934308	82.880823
		Total-		**540**		
18	Deogarh	Khamar	Kunjam	20	21.122370	85.124040
		Barkote	Bidghat	20	21.290600	85.082500
		Barkote	Gundriposi	20	21.333093	84.573366
		Barkote	Panguli	20	21.554155	85.024795
		Pallahra	Iswarnagar	20	21.233926	85.131637
		Deogarh	Parposhi	20	21.642164	84.655858
		Reamal	Kankarkhol	20	21.335430	84.693380
		Reamal	Tarang	20	21.261280	84.569300
		Total-		**160**		
19	Keonjhar	Ghatagaon	Kapaspada DPF, Coupe No BLJ-II of Ghatagaon Range	50	21.522056	85.854528
		Champua	Jamita DPF, Coupe No- JMR-II of Champua Range	50	21.944883	85.485728
		BJP	Kakharua DPF-Coupe No- KKR-II	50	21.565182	85.389506
		BJP	Sunduria DPF- Coupe No- KDR-II	100	21.564537	85.517306
		BJP	Lungajhar-II- Coupe No- KND-II	100	21.586121	85.476209
		Total-		**350**		
20	Baripada	Deuli	Biridihi (Chandua RF)	60	22.151000	86.713330
		Udala	Nahara RF	20	21.651166	86.663365
		Bangriposi	Rangamatia	50	21.261432	86.585434
		Kaptipada	Asurakhal (Notto RF)	30	21.508880	86.418610
		Kaptipada	Sendhakocha (Nachipur RF)	30	21.514720	86.485000
		Kaptipada	Ashanbani RF	20	21.549440	86.472220
		Rasgovindpur	Amarda RF	20	21.816660	87.126660
		Rasgovindpur	Morada RF	25	21.944300	86.991750
		Betnoti	Merda RF	25	21.726271	86.954722
		Total-		**280**		
21	Karanjia	Thakurmunda	Kucheikudar PRF	30	21.636757	86.081520
		Thakurmunda	Baunsdiha RF	50	21.525300	86.115256
		Thakurmunda	Taramara RF	50	21.483098	86.149624
		Thakurmunda	Boring RF	30	21.545070	86.030650
		Dudhiani	Genteisahi VF	10	22.041944	86.020278
		Dudhiani	Bagabeda VF	20	22.028889	85.977667
		Dudhiani	Khandabandha RF	10	21.916667	86.005833
		Dudhiani	Bala RF	20	21.811111	85.974722
		Karanjia	Panpatria RF	30	22.031569	85.823577
		Total-		**250**		
22	Rairangpur	Bahalda	Gambharia R.F	40	22.341022	86.144492
		Bahalda	Dumatandi	50	22.482728	86.126470
		Badampahar	Near Patijhari	30	22 05 0.13	86 10 12.21
		Badampahar	Near Jhipabandh	60	22 03 5.0	86 03 24.0
		Badampahar	Near Basila	30	22 07 42.0	86 00 25.0
		Badampahar	Near Kashiabeda	40	22 04 14.0	86 06 14.0
		Manada	Dhana	20	22.08 51.9	86.24 23.1
		Bisoi	Near Kaduani Village	10	22.276571	86.344794
		Bisoi	Near Lado Village	80	22.260670	86.420210
		Rairangpur	Dahupani DPF	20	22.405782	86.287641
				380		
23	Balasore WL	Soro	Narasingsila	30	21.397220	86.512500
				30		
24	Keonjhar WL	Anandapur	Panasadiha RF	25	21.488330	86.085560
		Anandapur	Santoshpur RF	7	21.355554	86.064740
		Deogoan	Atei RF	8	21.238330	85.952220
		Deogoan	Atei RF	8	21.413300	86.090400
		Deogoan	Rebana RF	10	21.222046	85.885518

				58		
25	Kalahandi(N)	Kesinga	Dumermunda	50	20.185661	83.261128
		Kesinga	Padampur	25	20.241222	83.284361
		Kesinga	Bijkhaman	25	20.275722	83.322889
		Bh.Patna	Kutenpadar	25	19.823778	83.093389
		Bh.Patna	Herateka	25	19.898333	83.084806
		Bh.Patna	Ghantmal	25	20.234722	83.328333
		Bh.Patna	Luhajore	25	20.176528	83.319417
		M.Rampur	Sitarampali	25	20.264500	83.492194
		Kegaon	Bagmunda	25	20.137222	83.827222
		Kegaon	Belpada	25	19.988861	83.960528
		Kegaon	Jhulebar	25	19.996583	83.748972
		Total-		**300**		
26	Kalahandi (S)	Biswanathpur	Kenduguda	25	19.665556	83.254444
		Biswanathpur	Kadamguda	25	19.395300	83.210200
		Biswanathpur	Patbhaler	25	19.972193	83.373730
		Biswanathpur	Gajarajpur	50	19.942500	83.417222
		Biswanathpur	Balapadar	50	19.953889	83.438611
		Th.Rampur North	Tadiguda	50	19.608358	83.036567
		Th.Rampur North	Thakuranipadar	25	19.622564	83.118317
		Th.Rampur North	Kaniguma	15	19.609893	83.055031
		Th.Rampur North	Balisara	20	19.605556	83.095501
		Th.Rampur North	Ranpur	25	19.363770	83.092820
		Th.Rampur North	Goelkhoj	25	19.370460	83.072720
		Th.Rampur North	Pajikhal	25	19.562224	83.243780
		Th.Rampur North	Swing Village	25	19.339600	83.089540
		Karlapat	Jerka RF	50	19.748333	83.045028
		Karlapat	Karlpat RF	25	19.730000	83.067417
		Jaipatna	Kanakpur	50	19.467500	83.851778
		Jaipatna	Chhatabadhuguda	25	19.404444	82.806472
		Dharmagarh	Kandagarh (Gaebanda)	25	19.520333	82.625694
		Junagarh	Shankarpala	100	19.746111	82.964722
		Junagarh	Banamalipur	100	19.877778	82.994722
		Junagarh	Borguda	70	19.808611	83.001667
		Junagarh	Dumerbahal	40	19.890306	82.990000
		Junagarh	Jaring	40	19.891333	82.993333
		Total-		**910**		
27	Subarnapur	Birmaharajpur	Bhaludunguri	100	21.025280	84.094720
		Total-		**100**		
28	Bolangir	Balangir	Madhupur	50	20.561970	83.548580
		Balangir	Khujenpali	50	20.663110	83.466560
		Balangir	Kharlikani	50	20.648140	83.427280
		Balangir	Khairguda	50	20.573640	83.588440
		Balangir	Kalijharan	35	20.676670	83.398530
		Deogaon	Gourgout	50	20.500780	83.539560
		Deogaon	Gourgout	50	20.499290	83.547600
		Harishankar	Thuta RF (Chaulbanji)	50	20.766560	82.853780
		Harishankar	Turla Gouchar	20	20.849280	82.880750
		Harishankar	Gandhamardan RF Ambahali	50	20.779080	82.769920
		Loisingha	Uparudar	30	20.822360	83.370030
		Loisingha	Dumdumi	35	20.892530	83.469220
		Loisingha	Larambhamunda	25	20.928780	83.592530
		Saintala	Tustapali	100	20.443870	83.207350
		Titilagarh	Gokhurung	50	20.321890	83.247610
		Titilagarh	Tubding	50	20.311560	83.251250
		Titilagarh	Siker	50	20.401410	83.170620
		Titilagarh	Dharapgarh	50	20.396670	83.203570
		Total-		**845**		
29	Khariar	Khariar	Kirekela (Mahulpada)	50	20.383116	82.613634
		Khariar	Pipalpani PRF (Katapada)	50	20.283795	82.654772
		Khariar	Latabanji	50	20.423703	82.666822
		Khariar	Udulu PRF	50	20.357040	82.357040
		Khariar	Ankapur	50	20.189377	82.678151
		Khariar	Palenbasa	50	20.196007	82.684549
		Khariar	Mahulpada	50	20.204550	82.549180
		Khariar	Palma	50	20.168793	82.780224
		Khariar	Ranimunda	50	20.190956	82.796662
		Komna	Mathiapadar	50	20.457776	82.634976
		Komna	Khaliamunda	50	20.349260	82.581500
		Komna	Danojhola	50	20.640210	82.669047
		Komna	Soripada	50	20.636820	82.652970
		Komna	Jhagrahi	30	20.516736	82.572304

		Nuapada	Patperpali	40	20.851930	82.555170
		Nuapada	Saliha	30	20.852260	82.557080
		Sinapali	Darlipada	70	20.018828	82.554849
		Sinapali	Gojia Dongri	50	20.049234	82.570139
		Sinapali	Khandapada	90	20.053060	82.492780
		Sinapali	Khandapada (Mandirpada)	80	20.056670	82.496390
		Sinapali	Akhadabhata	70	20.030830	82.516940
		Sinapali	Litiguda	80	20.052104	82.734519
		Sinapali	Gohirapadar	60	20.046110	82.601110
		Sinapali	Makarguda	70	20.003630	82.592070
		Sinapali	Jharbandh	70	20.032960	82.591810
		Sinapali	Jogbhata	100	20.170940	82.499470
		Sinapali	Kopia	80	20.131080	82.726830
		Total-		**1570**		
30	Sunabeda WL	Nuapada WL Range	Pulbari inside Lodra(P) PRF	25	20.683889	82.438333
		Nuapada WL Range	Tikrapada inside Manikgarh PRF	25	20.729444	82.482778
		Nuapada WL Range	Dhobatal inside Ranimai PRF	10	20.660833	82.415000
		Nuapada WL Range	Bhimbhata inside Gatibeda PRF	20	20.586667	82.352778
		Nuapada WL Range	Chacharaghati inside Gatibeda PRF	20	20.603889	82.311667
		Nuapada WL Range	Tikrapada inside Manikgarh PRF	20	20.728889	82.484167
		Nuapada WL Range	Jamjharka inside Ranimai PRF	20	20.650000	82.391667
		Komna WL Range	Deolpathar inside Gatibeda PRF	25	20.546389	82.518611
		Komna WL Range	Jamgaon-I inside Gatibeda PRF	25	20.546667	82.518333
		Komna WL Range	Chereichuan inside Gatibeda PRF	20	20.540000	82.517222
		Sunabeda WL Range	Kedbeda inside Patdarha PRF	30	20.488056	82.439444
		Sunabeda WL Range	Jalmadei inside Gatibeda PRF	30	20.620833	82.488056
		Sunabeda WL Range	Patphed dunguri inside Gatibeda PRF	30	20.498611	82.486944
		Sunabeda WL Range	Datunama inside Patdarha PRF	30	20.456389	82.446944
		Sunabeda WL Range	Kurlu Pathar inside Gatibeda PRF	30	20.503889	82.491111
		Sunabeda WL Range	Soseng inside Gatibeda PRF	30	20.595000	82.511111
		Total-		**390**		
31	Rayagada	K.Singpur	Tadamuhin	100	19.563273	83.336106
		K.Singpur	Katikinalo	100	19.513892	83.263392
		K.Singpur	Kirkelpadu	100	19.390723	83.337195
		K.Singpur	Birida	100	19.381702	83.295589
		K.Singpur	Sankesu	100	19.287851	83.352495
		Tikiri	Sankarada	50	19.151730	83.144640
		Tikiri	Leliguma	50	19.223090	83.176455
		Muniguda	Muniguda	50	19.742610	83.516830
		Gunupur	Rugudibai	50	19.282780	83.651960
		Gunupur	Kondajam	100	19.298360	83.671930
		Gunupur	Sundarmati	100	19.283008	83.570183
		Gunupur	Tarapaguda	100	19.286561	84.005802
		Gunupur	Kandhrella	100	19.134370	83.535160
		Gunupur	Muski	100	19.263464	83.928273
		Gunupur	Sanalaba	100	19.074620	83.752085
		Gunupur	Chinasari	100	19.057230	83.864169
		Gunupur	Podapadar	100	19.040260	83.851438
		Gudari	Narayanguda	50	19.308740	83.947200
		Gudari	Jayapanga	50	19.298240	83.719070
		Total-		**1600**		
32	Koraput	Koraput	Totaambaguda	50	18.844640	82.802863
		Koraput	Majhiguda	50	18.917188	82.722567
		Laxmipur	Diasil	50	18.952220	83.735530
		Laxmipur	Timajholla	80	18.989295	83.074707
		Laxmipur	Potajodi	60	18.973412	82.941323
		Laxmipur	Marichmal	80	18.982548	82.830953
		N.Patna	Dhaiguda	20	18.944225	83.172100
		N.Patna	Anakadidi	20	18.873304	83.263472
		N.Patna	Atmakonda	20	18.851945	83.216952
		N.Patna	Baunsaput	20	18.929990	83.228760
		N.Patna	Alubadi	20	18.782948	83.203424
		N.Patna	Satikhal	20	18.876330	83.198740
		N.Patna	Tanginipadar	20	18.814240	83.077320
		Semiliguda	Nandapur Extn.	25	18.524640	82.786710
		Semiliguda	Lamada PRF	20	18.593310	82.699920
		Semiliguda	Bhairabaguda	30	18.541811	82.826427
		Semiliguda	Marua	40	18.556810	82.835980
		Semiliguda	Kasandi	30	18.498040	82.726740
		Semiliguda	Nuaputu	50	18.688190	82.949882
		Semiliguda	Manjaguda	20	18.459900	82.989180
		Semiliguda	Gangrajpur	20	18.506220	82.922510

		Balda	Galganda	20	18.378753	82.699843
		Balda	Gumiguda	20	18.364568	82.722199
		Lamtaput	Badliguda	20	18.562145	82.518861
		Lamtaput	Bangurupoda	20	18.522505	82.525444
		Lamtaput	Muliaput	20	18.520307	82.531429
		Lamtaput	Jamukhenda	40	18.651500	82.550000
		Total-		**885**		
33	Jeypore	Borigumma	Pakhnaguda	25	19.131434	82.720558
		Borigumma	Masipadar	30	19.094060	82.741437
		Borigumma	Kartash	25	19.008611	82.713333
		Borigumma	Raseipadar	25	18.979444	82.728056
		Gupteswar	Malipadar	20	18.816000	82.184000
		Gupteswar	Nuaguda	20	18.742056	82.206361
		Gupteswar	Tallur	20	18.886306	82.197944
		Gupteswar	Jamjodi	20	18.841250	82.201972
		Gupteswar	Chipakur	20	18.678806	82.249417
		Jeypore	Bichalkotta	20	18.766222	82.525194
		Boipariguda	Gumma RF	50	18.814722	82.438611
		Boipariguda	Banabeda PRF	50	18.701111	82.495000
		Boipariguda	Sindhigaon PRF	25	18.832139	82.246833
		Boipariguda	Tentulipadar RF	25	18.792808	82.268252
		Kotpad	Chitra RF	40	19.098025	82.402571
		Kotpad	Kumahandi	30	19.026580	82.337150
		Kotpad	Mohantyput	30	19.042897	82.404879
		Kundra	Kermiti	50	18.957988	82.310479
		Kundra	Bangtiguda	50	18.981035	82.275288
		Total-		**575**		
34	Nowrangpur	Nabarangpur	Sukliguda VSS	30	19.382069	82.499528
		Nabarangpur	Lauguda,	25	19.206630	82.759290
		Nabarangpur	Sandebataguda	20	19.198940	82.741610
		Nabarangpur	Urdi VSS	30	19.320470	82.570990
		Nabarangpur	Betajharan	20	19.439280	82.512970
		Nabarangpur	Tentulikhunti	50	19.293133	82.765653
		Kodinga	Borawada	40	19.330320	82.321630
		Kodinga	Borawada	20	19.328030	82.329890
		Kodinga	Amblipadar	25	19.349560	82.324050
		Kodinga	Lathiguda	30	19.445000	82.208330
		Kodinga	Jamkunariguda	30	19.410280	82.229440
		Kodinga	M.Gomunduli	25	19.264560	82.340970
		Kodinga	Ghodadhanua	40	19.288940	82.205780
		Kodinga	Kondapuri	40	19.284740	82.289020
		Dabugam	Mendra	40	19.510000	82.307000
		Dabugam	Boripadar	20	19.468340	82.384060
		Dabugam	Dharnabeda	20	19.527370	82.328330
		Dabugam	Garudaguda	20	19.421440	82.398430
		Umerkote	Jamdora	20	19.825833	82.139722
		Umerkote	Dandibeda	20	19.487583	82.151111
		Umerkote	Kanki	20	19.438611	82.133833
		Umerkote	Dumarada	50	19.528830	82.197803
		Jharigam	Dongriguda	40	19.646556	82.537972
		Jharigam	Ichhapur	30	19.681720	82.456870
		Jharigam	Sagjoba	40	19.646000	82.546520
		Jharigam	Banuaguda	20	19.538639	82.463500
		Jharigam	Amblijodi	40	19.620722	82.445083
		Jharigam	Dhumakote	20	19.721048	82.392136
		Jharigam	Phalaspani	40	19.620722	82.785278
		Jharigam	Bhaludoba	40	19.739235	82.572581
		Raighar	Hatigam	100	20.027579	82.084726
		Raighar	Chadiyapara	20	20.012170	82.017730
		Raighar	Kapatpani	50	19.875229	82.240669
		Raighar	Ninaspani	20	19.916094	82.230672
		Raighar	Dongripara B	25	19.856670	82.011860
		Raighar	Mohanda	20	19.843060	82.015280
		Total-		**1140**		
35	Malkangiri	Kalimela	Supal 'A'	30	18.228811	81.771067
		Kalimela	Bhejengiwada	20	18.099747	81.921611
		Kalimela	Silakota	35	18.198722	81.631183
		Kalimela	Gathanpally	20	18.149921	81.637086
		Kalimela	Eralgundi	20	18.267821	81.693127
		Kalimela	Kurub	15	18.047839	81.800060
		Balimela	Chitapari	35	18.205442	82.088178
		Balimela	Gopiguda	40	18.195306	82.139269

		Balimela	Tagabeda	50	18.411650	82.271780
		Balimela	Kichapada	50	18.242800	82.183500
		Balimela	Gangapada	50	18.360447	82.251583
		Chitrakonda	Datunguda	25	18.027477	81.959843
		Chitrakonda	Jodambo	25	18.070981	81.942173
		Chitrakonda	Purlubandha	25	18.174176	82.327840
		Chitrakonda	Palankrai	25	18.076944	82.239165
		Chitrakonda	Iskapally	30	18.036388	82.228332
		Chitrakonda	Naglur	25	18.073441	81.953190
		Chitrakonda	Podakhal	25	18.283012	82.290366
		Malkangiri	Munsa	30	18.367826	81.975588
		Malkangiri	Banktiguda	25	18.447821	81.939184
		Malkangiri	Sindrimal	25	18.523842	81.905605
		Malkangiri	Jaipuriaguda	10	18.362617	81.906998
		Mathili	Dalapatiput	20	18.632660	82.229590
		Mathili	Ravanguda	25	18.535440	82.065830
		Mathili	Madkaguda	25	18.623920	82.229120
		Mathili	Durkaguda	25	18.718085	82.097927
		Mathili	Bara	25	18.700500	82.110277
		Motu	Urubali	30	17.903960	81.500960
		Motu	Baribancha	30	17.846770	81.412740
		Total-		**815**		
	Grand Total			**16969**		

AR

Annexure III-V

AR Plantation Economic @1600 Plants/Ha

Sl. No.	Division	Range Name	Location/ Site Name details	Area (Ha)	Geo-coordinates	
					Latitude	**Longitue**
1	Cuttack	Sukinda	Patapur	20	21.00697	85.92439
		Total-		**20**		
2	Bolangir	Balangir	Mangalamunda	20	20.740080	83.630080
		Loisingha	Bhalupali	10	20.887420	83.587170
		Titilagarh	Sinapala	23	20.274720	83.216690
		Total-		**53**		
		Grand Total-		**73**		

Annexure III-VI

Site-wise details of Indigenous Species Plantation @1600 plants /ha under AR mode

Sl. No.	Division	Range Name	Location/ Site Name details	Area (Ha)	Geo-coordinates	
					Latitude	**Longitue**
1	Angul	Talcher	Mankadachua R.F	10	21.124920	85.221000
	Total-	**Total-**		**10**		
2	Athmallik	Bamur	Ghosar RF	10	20.933711	84.503547
		Bamur	Ghosar RF	20		
		Total-		**30**		
3	Dhenkanal	Dhenkanal	Megha RF	10	20.659340	85.637620
		Dhenkanal	Belabania RF	5	20.554530	85.446327
		Mahabirod	Dolia RF	15	21.113830	85.458700
		K.Nagar West	Anantapur RF near Baghamunda	20	20.998670	85.433710
		K.Nagar West	Anantapur RF Compt. No. 04	10	20.976610	85.533000
		Total-		**60**		
4	Athgarh	Badamba	Nagatota RF C/2	10	20.474667	85.280333
		Badamba	Nagatota RF C/4	10	20.45808333	85.269389
		Total-		**20**		
5	Khurda	Khordha	Duburi DPF	10	20.149550	85.290520
		Khordha	Tartua DPF	10	20.213950	85.596700
		Khordha	Pangarsingh RF	10	20.276940	85.493060
		Tangi	Naragoda DPF	10	20.052880	85.444910
		Tangi	Chakadapathar DPF	7	19.873543	85.245810
		Total-		**47**		
6	Nayagarh	Odagaon	Dhadi DPF	10	20.058551	85.027712
		Total-		**10**		
7	Bhadrakh WL	Basudevpur WL	Kasipada	5	21.084467	86.657217
		Total-		**5**		
8	Baliguda	Bamunigaon	Bamunigaon	10	19.383680	84.040200
		Bamunigaon	Garadamaha	5	19.401850	84.081610
		Tumudibandha	Batamaha	10	19.545290	83.434960
		Kotagarh	Bandaguda	10	19.511170	83.475550
		Kotagarh	Katadmaha	10	19.483070	83.564900

		Kotagarh	Gugurmaha	10	19.452010	83.492750
		Total-		**55**		
9	Boudh	Boudh	Subarnagiri RF C/1	15	20.661111	84.176111
		Boudh	Jamukhol RF C/2	10	20.589278	84.226389
		Boudh	Bankamundi RF C/8	5	20.716611	84.272167
		Boudh	Bankamundi RF C/3	10	20.690944	84.332389
		Boudh	Bankamundi RF C/9	5	20.681028	84.269167
		Boudh	Jamukhol RF C/2	5	20.631583	84.243611
		Manamunda	Mankadakhesa RF	5	20.789139	83.918222
		Kantamal	Lukapada RF	1	20.782000	83.766583
		Total-		**56**		
10	Sambalpur	Sadar	Hatibari Bandher RF	25	21.322870	84.110466
		Total-		**25**		
11	Bargarh	Bargarh	Jatarla	10	21.327220	83.467500
		Bhatli	Mahada VF	12	21.390500	83.538030
		Bhatli	Mahulpli VF	8	21.421630	83.389080
		Padampur	Gaisilat	10	20.951280	83.303310
		Total-		**40**		
12	Rourkela	Kuarmunda	Teliposh DPF	5	22.291444	84.807361
		Total-		**5**		
13	Deogarh	Barkote	Panguli RF near Kaliapal	5	21.576365	85.062188
		Khamar		5		
		Total-		**10**		
14	Rairangpur		Jhipabandh	7	22.085780	86.036860
			Pechadra	8	22.070750	86.060060
			Bargimara	8	22.147500	86.144000
			Ghodadega	7	22.138280	86.137330
			Solakudar	5	22.155589	86.077162
			Jadunathpur DPF	15	22.557920	86.035770
		Total-		**50**		
15	Keonjhar WL	Anandapur	Patrabeda VF	5	21.489158	86.079727
		Total-		**5**		
16	Kalahandi(N)	M.Rampur Range	Borighat	10	20.322333	83.568833
		Total-		**10**		
17	Kalahandi (S)	Biswanathpur	Partilanda	30	19.654001	83.320091
		Total-		**30**		
18	Subarnapur	Binka	Kaudiamunda	15	21.002142	83.747682
		Binka	Kadalipali	15	21.053889	83.764976
		Binka	Karnagoth	15	20.973540	83.772050
		Sonepur	Kudopali	10	20.907222	83.730000
		Ullunda	Dhuldhula	10	20.943182	83.851013
		Total-		**65**		
19	Bolangir	Bangomunda	Mamia Gochar & V.F.	10	20.219830	82.881360
		Bangomunda	Chaula Babesagr R.F.	8	20.382280	82.887110
		Harishankar	Chandli RF	15	20.719500	82.805220
		Total-		**33**		
20	Khariar	Khariar	Thelkodungri	10	20.332060	82.699920
		Nuapada	Tengnabasa	10	20.767179	82.598514
		Total-		**20**		
21	Koraput	Koraput	Naranga	20	18.840480	82.848077
		N.Patna	Pipalpadar	10	18.845931	83.096960
		Semiliguda	Bangarigudi	10	18.409980	82.049170
		Total-		**40**		
22	Jeypore	Borigumma	Janiguda	10	19.021389	82.700556
		Borigumma	Baliguda	10	19.070908	82.604263
		Borigumma	Bijaguda	10	19.180250	82.534806
		Gupteswar	Malipadar	10	18.810083	82.180083
		Gupteswar	Dhobaatal	10	18.714417	82.247472
		Kotpad	Bandhaguda	10	19.011570	82.250235
		Kotpad	Malchama	5	19.026414	82.233452
		Kundra	Asna	10	18.895000	82.296667
		Total-		**75**		
	Grand Total			**701**		

Annexure III-VII

Site-wise details of Indigenous Species Plantation @1000 plants /ha under AR mode

Sl. No.	Division	Range Name	Location/ Site Name details	Area (Ha)	Geo-coordinates	
					Latitude	**Longitue**
1	Athgarh	Khuntuni	Krushnapur Baniabandha RF C/2	15	20.62538	85.73835
		Total-		**15**		
2	City Forests	Bhubaneswar	Mendhasal	10	20.27748	85.73049

		Total-		**10**		
3	Baliguda	Bamunigaon	Gudikia	8	19.39546	84.08596
		Bamunigaon	Saragudi	7	19.38113	84.09509
		Bamunigaon	Kilimera	5	19.42215	84.01116
		Total-		**20**		
4	Boudh	Manamunda	Panchara RF C/1	10	21.43833	83.98933
		Total-		**10**		
5	Gh.South	Badagada	Badagada A UDPF near Badagada	5	19.61667	84.41944
		Badagada	Srirampalli PRF near Goudagotha	5	19.70422	84.33247
		Total-		**10**		
6	Bamara WL	Bamra	Baunslaga KF	5	22.06707	84.30205
		Kuchinda	Khadiapali KF	10	21.65985	84.37448
		Total-		**15**		
7	Bonai	Barsuan	Sarkunda RF-Patch-1	5	21.78026	85.17486
		Barsuan	Sarkunda RF-Patch-II	5	21.78056	85.17522
		Barsuan	Toda RF	5	21.97608	85.1978
		Kuliposh	Nagaria PRF	10	21.68267	85.18794
		Total-		**25**		
8	Baripada	Bangriposi	Dighi RF	10	22.18424	86.63411
		Betnoti	Nuagaon VF	15	21.61528	86.99167
		Total-		**25**		
9	Bolangir	Balangir	Ratakhandi	15	20.64111	83.44161
		Lathore	Debriamunda	10	20.60334	82.76857
		Patnagarh	Bagpali, Brahmanipali	26	20.63967	83.31064
		Patnagarh	Damkipali	10	20.92192	83.22078
		Total-		**61**		
10	Rayagada	Tikiri	Sankarada	15	19.13031	83.11684
		Total-		**15**		
11	Nowrangpur	Nabarangpur	LD Pursasan	5	19.24524	82.5126
		Dabugam	Barli RF	20	19.50664	82.57892
		Umkerkote	Gaijhori	10	19.5901	82.189
		Umerkote	Raniguda	10	19.59928	82.08519
		Umerkote	Beheda RL	10	19.82333	82.22389
		Jharigam	Telgam	10	19.54411	82.07236
		Jharigam	Ichhapur	20	19.67307	82.4675
		Kodinga	Nenganal(Rajoda)	10	19.23344	82.267
		Dabugam	Batasar	10	19.37837	82.39886
		Total-		**105**		
12	Malkangiri	Chitrakonda	Ranginiguda	20	18.2016	82.26693
		Chitrakonda	Bodakonda	10	18.09348	82.06034
		Total-		**30**		
		Grand Total-		**341**		

Annexure III-VIII

Site-wise details of Phasi Plantation @1600 Plants/Ha under AR mode

Sl. No.	Division	Range Name	Location/ Site Name details	Area (Ha)	Geo-coordinates	
					Latitude	**Longitue**
1	Cuttack	Dalijora	Jabera	10	20 52 29.3	86 04 51.5
	Cuttack Total	**Total-**		**10**		
2	Boudh	Boudh	Khaliapali VF	5	20.723111	84.217778
		Boudh	Gujumunda R.L.	5	20.623028	84.193611
		Boudh	Badhigaon R.L.	5	20.828750	84.258611
		Boudh	Chandigarh RL	5	20.888833	84.234167
		Boudh	Kamira RL	5	20.803833	84.213500
		Boudh	Udbilka VF	5	20.753056	84.083497
		Total-		**30**		
3	Rairangpur	Badampahar	Kherna RF	8	22.157389	86.078993
		Total-		**8**		
		Grand Total-		**48**		

Annexure III-IX

Site-wise details of River Rejuvenation Plantation @1600 plants /ha under AR mode

Sl. No.	Division	Range Name	Location/ Site Name details	Area (Ha)	Geo-coordinates	
					Latitude	**Longitue**
1	Cuttack	Kendrapara	Alijanga	10	20 30 22.475	86 26 19.507
		Jajpur Road	Baitarani River bank at Kamalpur	10	20 51 50.46	86 29 32.89
		Total-		**20**		
2	Boudh	Boudh	Esisinga VF	5	20.778889	84.216667
		Boudh	Shyamsundarpur VF	10	20.722222	84.412778
		Boudh	Fakirpur VF	10	20.703944	84.404167
		Manamunda	Bandhanjhuli VF	10	20.784475	83.865491

		Manamunda	Sagada VF	10	20.688083	84.036972
		Manamunda	Gopalpur VF	5	20.731538	83.958060
		Madhapur	Satakhanda VF	5	20.523056	84.677239
		Kantamal	Kurukupa VF	5	20.518875	83.766583
		Kantamal	Manikpur VF	5	20.566781	83.707492
		Kantamal	Sahajpita (Bagharkana VF)	5	20.583662	83.742197
		Manamunda	Jhamarlapadar	5	20.721123	83.972384
		Total-		**75**		
3	Subarnapur	Binka	Banjipali	20	20.981879	83.721086
		Binka	Bhikabahali	20	20.926940	83.754170
		Binka	Kartang	15	20.914630	83.787090
		Binka	Kudapada	10	21.075640	83.827180
		Sonepur	Satrupali	30	20.743056	83.745278
		Total-		**95**		
		Grand Total-		**190**		

Annexure III-X

Site-wise details of Bald Hill Plantation @1600 plants /ha under AR mode

Sl. No.	Division	Range Name	Location/ Site Name details	Area (Ha)	Geo-coordinates	
					Latitude	Longitue
1	Athgarh	Badamba	Mandap RF	10	20.437833	85.264472
		Badamba	Jagabeherathali	10	20.429914	85.370497
		Total-		**20**		
2	Cuttack	Tomka	Etajhar	15	21.075522	85.915614
		Sukinda	Bairimal	15	20 54 32	85 58 46
		Total-		**30**		
3	Khurda	Khordha	Brahmanidevi DPF	10	20.197310	85.257530
		Khordha	Brahmanidevi DPF	10	20.186010	85.293100
		Total-		**20**		
4	Nayagarh	Panchirida	Banijhari	10	19.985306	85.119778
		Panchirida	Gochha C/15	10	19.960483	85.126678
		Odagaon	Kurala	10	20.017771	84.894802
		Total-		**30**		
5	Phulbani	Phulbani	Gumagada RF	10	20.430830	84.270830
		PHulbani	Phulbani PRF (Katriamba)	10	20.512130	84.228360
		Tikabali	Archangi RF	10	20.347220	84.430360
		Tikabali	Tadipaju PRF (Malagaon)	10	20.256810	84.391440
		G.Udayagiri	Katingia PRF	15	20.033827	84.305265
		Total-		**55**		
6	Baliguda	Balliguda	Dalabali	10	20.052360	83.553200
		Daringbadi	Basabadi	5	19.571080	84.021730
		Daringbadi	Kumbharbadi	15	19.573490	84.013400
		Daringbadi	Pokari	10	19.555260	83.575710
		Belghar	Dupata	10	19.584660	83.311460
		Belghar	Bikapanga	10	19.535300	83.332400
		Belghar	Susabhata	10	19.893125	83.626117
		Tumudibandha	Mundigarh	10	20.010873	83.666510
		Total-		**80**		
7	Boudh	Manamunda	Mankadakhesa RF	5	20.791389	83.914500
		Total-		**5**		
8	Gh.South	Aska	Barikote Revenue Hill	10	19.555111	84.580000
		Total-		**10**		
9	Berhampur	Khallikote	Lakhapada	10	19.718580	85.117198
		Khallikote	Pratapur	10	19.523890	84.995030
		Digapahandi	Narasinghgada	10	19.453720	84.541140
		Total-		**30**		
10	Parlakhemundi	R.Udayagiri	Kankadaguda	10	19.158590	84.178601
		R.Udayagiri	Kandulasahi	10	19.190391	84.178788
		R.Udayagiri	Luhakhunti	10	19.185864	84.102076
		Ramagiri	T.R Colony	10	19.077255	84.281927
		Total-		**40**		
11	Jharsuguda	Jharsuguda	Dalki VF	3	21.835330	84.054330
		Brajrajnagar	Balangibahal VF	2	21.943670	83.935040
		Belpahar	Jhargaon-B	3	21.716630	83.491480
		Total-		**8**		
12	Sundargarh	Gopalpur	Garjanpahad RF	10	22.050556	83.651944
		Sundargarh	Kheriakani RF	5	22.021860	84.223220
		Bargaon	Katang (Turipara)	10	22.246260	84.496480
		Total-		**25**		
13	Karanjia	Dudhiani	Tilobadi Revenue Land	5	21.924444	86.131667

		Total-		**5**		
14	Rairangpur	Bahalda	Sangobra (Jerai DPF)	20	22.512993	86.008689
		Total-		**20**		
15	Kalahandi (S)	Th.Rampur North	Kaniguma	30	19.609893	83.055031
		Th.Rampur North	Balisara	40	19.605556	83.095501
		Jaipatna	Bhalujore(Dhuluguda)	25	19.373139	82.719833
		Jaipatna	Ranibahal	15	19.418833	82.846722
		Jaipatna	Bhalujorepada	10	19.444222	82.870389
		Jaipatna	Kamridhuti	10	19.410645	82.871044
		Jaipatna	Tikilipada	15	19.404137	82.868942
		Total-		**145**		
16	Bolangir	Bangomunda	Gandharla (Kapu Dangar)	5	20.210030	82.867330
		Lathore	Kanheichhapar	5	20.650010	82.787840
		Loisingha	Jharnipali	10	20.925940	83.424030
		Loisingha	Karlipat	15	20.846080	83.500920
		Total-		**35**		
17	Khariar	Sinapali	Barpadar	10	20.082117	82.702343
		Sinapali	Ghantiguda	10	20.085830	82.695995
		Sinapali	Kusumjore	5	20.007070	82.641350
		Total-		**25**		
18	Rayagada	Rayagada	Kodapadi	15	19.195387	83.343492
		Rayagada	Pichudi	15	19.130844	83.252591
		Rayagada	Pusubadi	15	19.224690	83.305350
		Rayagada	Bada Kutuli	15	19.104240	83.199910
		K.Singpur	Sano-Kuango	10	19.485169	83.260101
		K.Singpur	Karanja	10	19.564666	83.321129
		K.Singpur	Budaguda	10	19.419381	83.302701
		Muniguda	Buduni PRF	15	19.445900	83.580210
		Muniguda	Kerenja DPF	10	19.604420	83.677880
		Kashipur	SEEMER	20	19.276724	83.226035
		Tikiri	Tikiri	15	19.053380	83.061790
		Tikiri	Sankarada	15	19.194230	83.176890
		Gunupur	Rugudubai	10	19.290071	83.646700
		Gunupur	Dhaminiguda	10	19.236724	83.555750
		Total-		**185**		
19	Koraput	Laxmipur	Sundialachi	15	18.921293	82.989642
		Laxmipur	Chema	15	19.034810	83.049220
		N.Patna	Jamuguda	15	19.004850	83.274210
		Semiliguda	Phatudumuriguda	15	18.512551	82.878119
		Semiliguda	Nuaput	15	18.522071	82.741670
		Semiliguda	Khudi	15	18.625223	82.907448
		Balda	Gilaguntha	20	18.379720	82.754720
		Balda	Hataguda	15	18.297949	82.633485
		Balda	Cheptameta	10	18.388553	82.781697
		Lamtaput	Guneipoda	15	18.569252	82.533733
		Total-		**150**		
20	Jeypore	Gupteswar	Kadalipadar	10	18.720306	82.241111
		Jeypore	Lathiguda	20	18.856867	82. 631289
		Boipariguda	Banabeda PRF	10	18.689722	82.505
		Borigumma	Maliguda	10	19.036639	82.500167
		Total-		**50**		
		Grand Total-		**968**		

Annexure III-XI

Site-wise details of Fodder & Fruit Plantation @1600 Plants/Ha under AR mode

Sl. No.	Division	Range Name	Location/ Site Name details	Area (Ha)	Geo-coordinates	
					Latitude	Longitue
1	Chandaka WL	Haladia wildlife	Ramachandrapur	10	20.273765	85.579170
		Haladia wildlife	Manpur	10	20.285785	85.643722
		Haladia wildlife	Guptapada	3	20.283330	85.665280
		Haladia wildlife	Jhalara	8	20.317220	85.672220
		Chandaka Wildlife	Near Bhalunka	13	20.422780	85.816940
		Chandaka Wildlife	Salabari	9	20.320280	85.699440
		Chandaka Wildlife	Kochilaberena	9	20.342500	85.716670
		Bhubaneswar Wildlife	Near Khadikhani	31	20.344550	85.762640
		Dampara Wildlife	Near Nuakua	6	20.334440	85.661670
		Dampara Wildlife	Near Kaandanala	9	20.348330	85.648330
		Dampara Wildlife	Near Behentasahi	16	20.338330	85.666670
		Total-		**125**		
2	Baliguda	Belghar	Birighati	10	20.012090	83.347800

		Total-		**10**		
3	Gh.South	Aska	Malijhara I DPF near New kasei	10	19.654952	84.490972
		Total-		**10**		
4	Berhampur					
		Total-		**10**		
5	Parlakhemundi	R.Udayagiri	Podasingi	10	19.173285	84.149966
		Ramagiri	Ramagiri	1	19.088104	84.282150
		Total-		**11**		
6	Jharsuguda	Bagdihi	Chandarpur VF	3	21.942490	84.098150
		Kolabira	Rangiatikra VF	10	21.838110	84.299660
		Total-		**13**		
7	Rourkela	Biramitrapur	Patipahad RF	10	22.419906	84.871461
		Total-		**10**		
		Grand Total-		**189**		

Annexure III-XII

Site-wise details of Casurina Plantation @2500 Plants/Ha under AR mode

Sl. No.	Division	Range Name	Location/ Site Name details	Area (Ha)	Geo-coordinates	
					Latitude	**Longitue**
1	Puri WL	Balukhanda WL	Alanda	2	19.906667	86.045833
		Brahmagiri WL	Manikapatana	5	19.695750	86.519887
		Total-		**7**		
2	Balasore WL	Jaleswar WL	Sekhsarai	15	21.778611	87.164167
		Total-		**15**		
		Grand Total-		**22**		

Annexure III-XIII

Site-wise details of Mangrove Plantation @2500 Plants/Ha under AR mode

Sl. No.	Division	Range Name	Location/ Site Name details	Area (Ha)	Geo-coordinates	
					Latitude	**Longitue**
1	Bhadrakh WL	Basudevpur WL	Sanahabeli sahi	5	21.012883	86.867310
	Total			**5**		

Annexure III-XIV

Site-wise details of Mangrove (Hypocotyle) Plantation @4445 plants /ha under AR mode

Sl. No.	Division	Range Name	Location/ Site Name details	Area (Ha)	Geo-coordinates	
					Latitude	**Longitue**
1	Bhadrakh WL	Basudevpur WL	Mohanpur	15	21.202967	86.829250
	Total-			**15**		

<u>Maintenance</u>

Annexure-III-XV

Site Wise details of Vanya Silk Plantation @500 Plants/Ha. 2nd Year Maintenance under ANR Plantation

Sl No.	Name of the Division	Location	Area in Ha.	Geo-coordination	
				Latitude	**Longitude**
1	Athmallik	Batipurunapani DPF	10	20 59 75.7	84 63 49.9
		Angapada KF	10	20.942679	84.548441
		Gautampur KF	10	20.85459	84.36652
		Total-	**30**		
2	Dhenkanal	Childa KF	42	21.10017	85.62808
		Total-	**42**		
3	Cuttack	Nalida	10	20 40 50.6	86 01 50.6
		Jarigsahi	30	21.065227	85.846517
		Banayasilk	9	20 56 52.1	85 51 17.9
		Banayasilk	9	20 56 43.5	85 52 2.9
		Banayasilk	32	20 57 20.4	85 53 12.3
		Kantipur	10		
		Total-	**100**		
4	Boudh	Debagarh VF	50	N 20 43 57.5	E 84 16 10.6
		Pankual VF	50	N 20.727611	E 84.33347
		Total-	**100**		
5	Bargarh	Jaypur	20	20.888323	83.000244
		Barasambar	25	20.928272	82.942698
		Dudukijharia	35	82.942698	82.752243
		Total-	**80**		
6	Sundargarh	Itma R.F Vanya Silk	60	N-22 09 02.1	E-84 12 59.6
		Gadiajore DPF	40	22 02 37.7	84.08 59.9
		Total-	**100**		
7	Bonai	Khandadhar PRF	90	N21.773	E85.123

		Bijakuli-Beldihi DPF	10	N21.748	E84.860
		Total-	**100**		
8	Deogarh	Paudi RF near Purunapani	25	21.51192	85.13734
		Panguli RF near Kodaguda	25	21.647316	85.0090619
		Badtaila RF near Dangapal	25	21.6100167	84.7939583
		Pradhanpat RF near Bramhanimal	25	21.544765	84.8425083
		Total-	**100**		
9	Keonjhar	Lungajhar KF -Rangadihi Kha of BJP Range	6	21.52783333	85.38883333
		Sanaghagara DPF-Nitigotha of BJP Range	6	21.64102778	85.53375
		Kuanr DPF of BJP Range	7	21.52116667	85.38916667
		Barabanka RF (Medinipur) of Ghatagaon Range	15	21.38194444	85.7225
		Barabanka RF (Gadadharpur) of Ghatagaon Range	16	21.38583611	85.73227778
		Manaharpur VF of Ghatagaon Range	10	21.52994444	85.78813889
		Kapaspada VF of Ghatagaon Range	11	21.51613889	85.85675
		Basantapur RF- Badapichhulabeda of Keonjhar Range	12	21.5176749	85.680611
		Benamuda RF (Balijodi VSS) of Telkoi Range	32	21.2214502	85.5410582
		Siriabahal VF (Siriabahal VSS) of Telkoi Range	20	21.41975	85.35363333
		TOTAL-	**135**		
10	Baripada	Itamundia RF (Muchiasahi) Dukura Section	25	N21.782055	E86.680737
		Itamundia RF Badasahi Section	25	N21 40 57.70	E86 43 55.53
		Pokpoka VF	50	22 18’ 10”	86 31’ 29”
		Biridihi VF	100	N22 9 56	E86 41 24
		TOTAL-	**200**		
11	Rairangpur	Solakudar	80	N22.146465	E86.069722
		Jhumkapahadi	10	N22 15 28.8	E86 23 38.2
		Ramchandrapur	10	N22 15 04.6	E86 15 01.0
		Karanjharandhusra RF	10	N22 11 20.3	E86 16 34.1
		Dubulabeda	10	N22 17 03.5	E86 11 28.4
		Kumbhirmundi	10	N22 21 45.0	E86 12 48.6
		Ampani	10	N22 19 20.7	E86 18 30.7
		Rengalbeda	10	N22 17 19.3	E86 14 16.2
		Dhiral	10	N22 24 15.2	E86 17 54.0
		Dangapani Munisahi	10	N22 24 56.8	E86 14 49.7
		Kukudimundi	30	N22 20 04.7	E86 17 55.8
		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, Revenue Land	6	19.363938	83.161625
		Kalakani, Basangmali PRF	5	19.329935	83.227718
		Kalakani, Ottang DPF	5	19.317907	83.225520
		Ladakhaman, Ladakhaman RF	4	19.482024	83.075448
		TOTAL-	**20**		
15	Koraput	Konapadi	20		
		Jamuguda	20	N18.992100,	E83.269730
		Gangapaniguda	20	N18.480922,	E82.997463
		TOTAL-	**60**		
16	Jeypore	Hatipakhna (Gumerbeda)	30	18.7358933	82.3595867
		Siadiamal	20	19.0166831	82.7075133
		TOTAL-	**50**		
17	Nabarangpur	Kusumi PRF	20	N19.45311	E82.18400
		Mangardora (Tentulikhunti MF)	30	N19 19 42.1	E82 46 55.0
		Mendra, Sarguli PRF	18	N19.51541	E82.29058
		Torenga (Torenga RF)	10	N19.46966	E82.14319
		Telnadi RF -	20	N19.75307	E82.16960
		Bharsundi RF	7.5	N19.91398	E82.13838
		Hatigam RF	15	N20.03803	E82.06708
		Ichhapur (Panabeda PRF)	29.5	N19.40 17.3	E82.28 04.6
		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

		Jharapalli.	20	18.4442	81.90342
		TOTAL	**150**		
Grand Total-			**1807**		

Annexure-III-XVI

Site Wise details of Fooder & Fruit Plantation @500 Plants/Ha. 2nd Year Maintenance under ANR Plantation

Sl No.	Name of the Division	Location	Area in Ha.	Geo-coordination	
				Latitude	Longitude
1	Angul	Pathargarh PRF	50	20.906000	84.837280
		Kanloi RF	64	21.0906	84.74954
		Chhendipada RF-P-I	50	21.070889	84.868417
		Chhendipada RF-P-II	50	21.070889	84.868417
		Chhendipada RF-P-III	50	21.070889	84.868417
		Kerjang, PRF	50	20.8738	84.974545
		Kuio RF	50	20.9015278	85.073889
		Saharagoda,RF	80	20.76543	85.0332
		Rabipur, RF	40	21.00666	85.06664
		Badakathia RF	40	21.00136	85.02686
		Total-	**524**		
2	Dhenkanal	Kapilash RF Ashokadhar	32	20.67876	85.88086
		Total-	**32**		
3	Cuttack	Panasia	40	21 0 35.1	85 47 15.3
		Barunia Fodder	15	20 39 51.3	86 00 13.8
		Abhayapur	15	20 39 16.5	85 56 51.9
		Tarajhar	30	21.076648	85.929415
		Total-	**100**		
4	Puri WL	Tavagolara Patch-I,II,III	16	N-20° 1' 28.0668" N-20° 1' 43.8312" N-20° 1' 31.6272"	E-86° 9' 51.4188" E-86° 9' 20.6388" E-86° 9' 22.842"
		Total-	**16**		
5	Nayagarh	Gayalasingh RF C/4	50	19.966253	84.94012
		Nariamba DPF	50	20.091158	84.89143
		Banijhari PRF	50	19.958873	85.058888
		Total	**150**		
6	Boudh	Mundeswar RF C/13	20	N 20.4546069	E 84.5216178
		Karadakotha RF C/1	20	N 20.515306	E 84.464086
		Mundeswar RF C/19	20	N 20.5160791	E 84.467067
		Arakhpadar RF C/4	40	N 20 33 48.6	E 84 37 16.3
		Mundeswar RF C/21	100	N 20 32 37.2	E 84 30 00.0
		Total	**200**		
7	Gh. South	Panchabhuti A RF Compt. No.4 near Udayapur	50	N19 54 15	E84 50 39
		Kiriamba RF Compt No.5 near Suliapalli	50	N19 48 51	E84 51 26
		Kiriamba RF Compt No.13 near Mareipalli	50	N19 49 53	E84 51 14
		Dhepaguda RF	50	N19 42 29.03	E84 22 29.93
		Raipada RF Compt 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	Fuldumer	15	22 5 34.9	84 28 47.3
		Betjharan RF	15	21 52 33.76	84 31 34.85
		Addl. Kansar RF	20	21 30 18.8	81 23 27.8
		Badkhalia	20	21 31 25	84 19 30
		Tulsidarha	20	21 29 53.76	84 15 22.68
		Kendumunda	30	21 17 13.36	84 33 8.41
		Total-	**120**		
9	Sundargarh	Sialkhaman DPF	25	N22.18973	E83.73577
		Arjunda DPF	25	N21 55 48.0	E83 43 54.2
		Tilia DPF	25	22 27 06.6	84 04 00.5
		Bheluantikra DPF	25	N21 53 04.0	E83 47 12.2
		Total-	**100**		
10	Rourkela	Sonaparbat RF	50	N22 10 17.4	E84 51 35.1
		KUMARIA RF (Gaddharsa)	50	N22 10 29.0	E84 41 18.0
		Purunapani RF	50	N22 25 29.0	E84 48 11.8
		Total-	**150**		
11	Bonai	Amrudhi PRF	50	N21.855	E84.009
		Padagoth DPF	50	N21.821	E84.840
		Total-	**100**		
12	Baripada	Badasahi RF	30	N21 43 49.74	E86 43 23.47
		Sangadia RF	50	N21 48 42	E86 53 54
		Palo RF	30	N22 4 25	E86 56 24
		Kanpura RF near village Angargadia	30	N21.61619	E86.79083

		Ashrukhala VF	30	N21 30 0	E86 24 15
		Pokpoka VF	30	22 19’ 30	86 30’19”
		Total-	**200**		
13	Rairangpur	Kashibeda	43	N22 04 24.99	E86 06 02.15
		Chaunradihi	20	N22.08617	E86.14531
		Salai DPF (Jadunathpur)	50	N22.533899	E86.043121
		Total-	**113**		
14	Subarnapur	Butukhaman	50	N20 57 3	E84 12 15
		Hatilimunda	100	N21 00 57.8	E84 05 57.1
		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	N20 42 08.0	E82 25 58.0
		Patora	3	N20 44 17.0	E82 25 54.0
		Khaliapada	6	N20 42 49.0	E82 22 28.0
		Bairbhadi	2	N20 40 52.0	E82 26 39.0
		Badei Att	2	N20 40 10.0	E82 25 35.0
		Bhaosil	2	N20 39 16.0	E82 23 13.0
		Kendulamer	5	N20 33 9	E80 31 53
		Jabdabanji	5	N20 34 10	E82 30 1
		Gadgada	5	N20 28 36	E82 32 6
		Nachinisil	5	N20 33 54	E82 29 18
		Kebdiam	5	N20 28 08	E82 26 50
		Bhumarmari	5	N20 28 11	E82 26 23
		Godbhata	5	N20 30 06	E82 27 14
		Chakla Nalla	5	N20 33 31	E82 28 59
		Jogimunda	5	N20 30 39	E82 29 04
		Total-	**65**		
18	Rayagada	Milkaponga, Sardhapur RF	10	19.318970	83.918080
		Merenda, Merenda PRF	10	19.329750	83.891640
		Kamipadar, Ponkhal DPF	10	19.464140	83.866420
		Total-	**30**		
19	Koraput	Kasamguda	20	N18.911261	E82.699303
		Andreguda	20	N18.26916,	E82.62159
		Tontaput-A	20	N 18.45731	E 82.53678
		Total-	**60**		
20	Jeypore	Bhejaguda	25	18.773605	82.4844883
		Mandra	25	19.13112	82.8044533
		Total-	**50**		
Grand Total-			**2760**		

Annexure-III-XVII

Site Wise details of RET/Medicinal Plantation @200 Plants/Ha. 2nd Year Maintenance under ANR Plantation

Sl No.	Name of the Division	Location	Area in Ha.	Geo-coordination	
				Latitude	Longitude
1	Khordha	Manibandha RF	200	20.24	85.38415
		Total-	**200**		
2	Boudh	Damargarh RF	60	N 20 49 42.8	E 84 08 36.0
		Total-	**60**		
3	Gh. South	Hatimunda DPF near Ustapalli	50	N19 44 16.7	E84 35 30.8
		Pakidi DPF near Narendrapur	50	N 19 31 28.1	E84 40 30.4
		Pakidi DPF near K Nuagada	50	N19 31 58.6	E84 39 08.0
		Ambadabana near Khirida	50	N19 59 2047	E84 59 0303
		Kumarsuni RF near Mangalapur	50	N19 46 34 30	E84 41 11.63
		Karchuli B RF Compt 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 , Compt. No. 4 near Nadiamba	50	N19 48 33.0	E84 55 26.0
		Bandhagochha RF Compt No.2 near Genja	50	N19 47 16	E84 25 17
		Raipada RF, Compt. No.3 near Suramani	50	N19 710543	E84 486434
		Total-	**500**		
4	Parakhemundi	Khariguda	50	18.847017	83.939512
		Kattaguda	50	18.996765	83.839648
		Total-	**100**		
5	Rairakhol	Rasibeda PRF	25	21.11589	84.22978
		Landakot RF C/25-26	50	21 15 38.2	84 30 13.9
		RET Plantation kholgarh RF C.No..8	50	21°15'56.94"	84°21'24.26"

		Rahan RF C.N.5	50	20.94508	84.25862
		Mochibahal PRF	25	21 08 04.9	84 07 31.0
		Total-	**200**		
6	Bamara WL	Kesaibahal	40	21 54 45.65	84 20 33.94
		Babuniktimal	40	21 52 1.51	84 27 51.34
		Mendhabahal Section	20	21 35 59.04	84 14 14.59
		Binjipali Section	20	21 38 37.59	84 12 14.59
		Badkhalia	20	21 31 37	84 19 19
		Ushakothi RF	20	21 27 7.04	84 16 43.77
		Khalasuni RF Compt No.1&2	40	21 19 56.8	84 20 32.6
		Total-	**200**		
7	Sundargarh	Tilia RF	50	22 26 54.7	84 04 23.1
		Bheluantikra DPF	50	N21 52 42.8	E83 47 27.4
		Sialkhaman DPF	50	N22.13089	E83.82786
		Bramhani R.F	50	N-22 21 12.5	E-84 27 42.2
		Total-	**200**		
8	Rourkela	Jibikaposh	5	N21 51 27.6	E84 52 40.9
		Andhari RF	5	N22 22 56	E84 41 32
		Total-	**10**		
9	Deogarh	MGRF Near Khuludi	50	21.373183	85.294863
		Total-	**50**		
10	Karanjia	Sarubhadi RF	25	21.8026733	85.9798183
		Sunaposi RF	25	21.8631738	85.8687866
		Badbil RF	25	21.47223	86.2408283
		Rasamtala ANR RET/ medicinal Plantation	30	N-21^{0}46'33"	E-86^{0}0'24"
		Kadadiha RET/ Medicinal Plantation	20	N-21^{0}56'40"	E-85^{0}58'48"
		Satkosia RF Compt No-10	25	21.32008333	86.18430556
		Khumthan RF	50	21.40363889	86.18002778
		Total-	**200**		
11	Rairangpur	Jhumkapahadi	15	N22 15 28.8	E86 23 38.2
		Karanjharandhusra RF	25	N22 11 20.3	E86 16 34.1
		Rengalbeda	20	N22 17 19.3	E86 14 16.2
		Kukudimundi	70	N22 20 04.7	E86 17 55.8
		Khadambeda RF	25	N22.165962	E86.428615
		Total-	**155**		
12	Kalahandi North	Bandajore	25	N20.0917565	E82.9206154
		Total -	**25**		
13	Kalahandi South	Dabjharan, Kandul RF	25	N 19 48 45.1	E 82 56 56.7
		Total -	**25**		
14	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**		
15	Sunabeda WL	Chandanpur	15	N20 41 35.0	E82 32 35.0
		Maraguda	17	N20 42 15.0	E82 27 56.0
		Bairbhadi	10	N20 41 04.0	E82 26 41.0
		Badei Att	10	N20 40 06.0	E82 25 33.0
		Bhaosil	10	N20 39 04.0	E82 22 54.0
		Kendulamer	15	N20 33 17	E82 31 55
		Jabdabanji	15	N20 31 36	E82 30 11
		Gadgada	15	N20 28 60	E82 32 5
		Total-	**107**		
16	Koraput	Podagada	50	N18.51370	E52120
		Marichamal	20	N18.84339,	E82.981578
		Chitalput	20	N18.54351,	E82.72752
		Sunki PRF	10	N18.502314,	E83.053019
		Total-	**100**		
17	Jeypore	Jatiaguda	50	19.1238967	82.7950133
		Total-	**50**		
18	Nabarangapur	Chhatrabar RF	10	N19.50304	E82.16081
		Total-	**10**		
19	Malkangiri	Idikonda	**10**	17.960275	81.703254
		Total-	**10**		
		Grand Total-	**2402**		

Annexure-III-XVIII

Site Wise details of Other Misc. Plantation @200 Plants/Ha. 2nd Year Maintenance under ANR Plantation

Sl No.	Name of the Division	Location	Area in Ha.	Geo-coordination	
				Latitude	Longitude
1	Angul	Katada RF-4	50	20.890080	84.84503
		Similipather RF-5	50	20.939806	84.812315

		Devinagar PRF, P-I	50	21.07358	84.74621
		Devinagar PRF, P-II	50	21.07358	84.74621
		Marudhipa PRF, P-I	50	21.138565	84.692216
		Marudhipa PRF,P-II	50	21.138565	84.692216
		Marudhipa PRF, P-III	50	21.138565	84.692216
		Marudhipa PRF NRSC-136, P-I	50	21.126067	84.70214
		Marudhipa PRF NRSC-136,P-II	50	21.126067	84.70214
		Marudhipa PRF NRSC-136,P-III	50	21.126067	84.70214
		Nanda RF	40	20.9015278	85.0738889
		Saharagoda RF	70	20.7697	85.0309
		Badadandasahi RF	50	20.77418	84.99795
		Paranga RF	60	20.8946	85.0314
		Durgapur RF, P-I	50	20.930196	84.979696
		Durgapur RF, P-II	50	20.930196	84.979696
		Rabipur, RF, P-I	50	21.0301	85.08552
		Rabipur, RF, P-II	50	21.0301	85.08552
		Rabipur, RF, P-III	40	21.0301	85.08552
		Rabipur, RF, P-IV	40	21.0301	85.08552
		Sadarkhol RF	50	21.25925	84.95947222
		Badakathia RF	50	20.9905	85.0055
		Nialu-Lodhajhari-Sapakata RF, P-I	50	21.19927778	84.97555556
		Nialu-Lodhajhari-Sapakata RF, P-II	40	21.20277778	84.9648
		Total-	**1190**		
2	Athmallik	Taleipathar RF Compt. No. 24	50	20 47 54.4	84 35 40.33
		Kutulisinga RF Compt. No. 4	50	20 48 19.95	84 42 42.04
		Kuturukani DPF	100	20 58 42 20 58 41 20 58 44 20 58 54	84 39 31 84 39 33 84 39 48 84 39 51
		Ghosar RF	30	20.93377	84.50237
		Muchhapur DPF	50	20.85477 20.852546 20.848367 20.856445	84.372575 84.373989 84.380049 84.375147
		Total-	**280**		
3	Dhenkanal	Kankadhad RF	40	20.61370	85.54380
		Koi RF	50	20.655295	85.184447
		Kandhara RF Compt. No.03	50	20.568784	85.220258
		Ranjagarh RF near Baigan Pal	50	21.108974	85.637547
		Maulabhanja RF	50	20.917351	85.686211
		Kadalipal	50	20.85266111	85.47547778
		Dolia RF	50	21.113985	85.464518
		Sunjhari RF	100	20.86872222	85.58588889
		Total-	**440**		
4	Athgarh	Ranibania RF under Khuntuni Range	40	20 33 52.7	85 43 38.7
		Baniabandha RF,C/7 under Khuntuni Range	40	20 33 59.6	85 48 42.3
		Karada RF C/2 under Badamba Range	50	20 28 35.1	85 21 51.1
		Nagotota RF C/7 under Badamba Range	50	20 27 59.8	85 17 40.3
		Jhinkad RF under Badamba Range	50	20 25 20.7	85 26 33.9
		Olaba RF C/1 under Narasinghpur East Range	50	20 28 57.6	85 16 17.6
		Deobhuin RF C/13 under Narasinghpur East Range	50	20 31 32 .2	85 31 47.05
		Balikiary RF C/12 under Narasinghpur West Range	40	20 32 38.5	85 04 23.8
		Balikiary RF C/2 under Narasinghpur West Range	50	20 29 57.5	85 03 24.2
		Total-	**420**		
5	Cuttack	Binchana PF	35	20 39 04.7	85 57 38.8
		Kanimira	40	20 35 04.7	85 58 36.8
		Ragadiposi	40	20 48 09.6	86 03 50.5
		Barimula PRF	50	20 40 09.1	86 03 18.5
		Tikarpada	50	21.06284	85.88147
		Bahalisahi	250	21 03 46	85 52 51
		Champajhar	100	21.076648	85.929415
		Kalarangi	60	21 0 20.9	85 44 26.7
		Kankadagodi	150	21 5 24.8	85 42 49.3
		Khuntaposi	100	21 4 38.7	85 43 1
		Dalaksahi	75	21 4 59.8	85 45 56.1
		Kenduakana	90	21 02 9.0	85 55 14.0
		Dhaurasahi	115	20 56 36.9	85 58 3.0
		Rankia	95	21 1 52.2	85 51 701
		Inside Pachhikote DPF	100		
		Total-	**1350**		
6	Khordha	Jharan DPF	50	19.792783	85.113255
		Bhatapada DPF	50	19.830564	85.019252
		Chulijhinka DPF	50	19.816767	85.007732
		Sandhamal DPF	35	19.890348	85.212297

		Tartua DPF	50	20.21337	85.5837
		Maninag RF near Srikrushnapur	100	20.05759	85.28311
		Maninag RF near Nuagaon	50	20.055	85.33694
		Dhani 'N' RF	50	19.98871	85.37926
		Champagarh RF	50	19.9709	85.4158
		Bhusandpur DPF	50	19.96983	85.48191
		Chakadapathar DPF	50	19.86961	85.23019
		Rameswar DPF	100	19.98738	85.51422
		Rengal PRF	20	20.1158	85.7107
		Total-	**705**		
7	Puri WL	Balukhanda Compt. No. XIII, XIV	80	N-19° 50' 43.91"	E-85° 55' 06.10"
		Ishaneswar	30	N-19° 87' 59.3"	E-86° 13' 53.83"
		Liakhia	100	N-19° 85' 81.22"	E-86° 05' 84.18"
		Total-	**210**		
8	Rajnagar WL	Kanchira PF	30	20° 42' 52"	86° 59' 15"
		Mahisamada PF	50	20° 45' 23"	86° 55' 31"
		Kantiakhai PF	70	20° 43' 36"	86° 59' 51"
		Balitutha	20	20º 14' 28.3"	86º 32' 04.0"
		Nadiakhia	50	20º 01' 17.6"	86º 23' 31.2"
		Jatadharatanda PRF	50	20º 10' 05.4"	86º 30' 28.4"
		Sahadabedi	50	20º 04' 47.0"	86º 24' 45.9"
		Akasadia	30	20º 02' 37.0"	86º 25' 32.0"
		Gadaharihpur PF	20	20º 03' 20.0"	86º 25' 35.0"
		Hetamundia	50	20º 20' 22"	86º 45' 33"
		Total-	**420**		
9	Nayagarh	Hatimunda RF C/9	150	20.222476	85.066665
		Sulia RF C/3	150	20.125097	85.037657
		Sulia RF C/4 (P)	50	20.097552	85.046428
		Hatimunda RF C/2	50	20.2649	84.983651
		Ratadei RF C/3	100	20.12744	84.863942
		Sulia RF C/2	100	20.141845	84.998133
		Hatimunda RF C/13	50	20.293662	85.01161
		Makarapalli PRF	100	20.055725	84.83708
		Gayalasingh RF C/3	50	19.966568	84.9664
		Gochha RF C/7	50	19.936898	84.99093
		Gochha RF C/18	50	19.94757	84.955982
		Bankamunda RF C/1	100	20.422815	84.972974
		Banijhari PRF	150	19.973434	85.102966
		Chhadesh RF	50	20.368281	84.815302
		Shikharpur RF	50	20.28102	85.152518
		Total-	**1250**		
10	Chilika WL	Pitisal PRF	150	N-19.54.2923 N- 19.472056 N- 19.506265	E-85.273714 E-85.173560 E-85.216645
		Nandighar DPF	50	N-19.474928	E-85.09898
		Total-	**200**		
11	City Forest	Mendhasal RF	30	20 16 05.2	85 43 42.1
		Total-	**30**		
12	Phulbani	Phulbani RF(Baikhol)	50	N 20 30 00.4	E 84 14 14.8
		Dokanpadar	100	N 20 30 20.6	E 84 04 16.2
		Burtanga North RF (Gurandi)	100	N 20 22 17.9	E 84 26 54.1
		Balaskmpa RF (Badabhuin)	100	N 20 24 32.7	E 84 17 44.5
		Bandhagada A PRF (Babdangia)	100	N 20 21 57.7	E 84 09 51.8
		Sadingia RF(Patangi)	50	N 20 20 25.8	E 83 57 22.2
		Bandhagada B RF(Tiramaha)	50	N 20 17 17.1	E 84 10 9.5
		Bandhagada A PRF (Barepanga)	50	N 20 15 49.6	E 84 12 0.4
		Kelapada A PRF (Seskajodi)	100	N 20 17 20.4	E 84 06 33.3
		Baghnadi RF(Sluki)	100	N 20 30 7.1	E 83 53 11.3
		Bandhagada A PRF(Goerbata)	50	N 20 20 28.0	E 84 13 58.4
		Padangi RF	100	N 20 08 44.0	E 84 14 26.0
		Talarimaha PRF (Budamaha)	100	N 20 11 18.65	E 84 22 1.75
		Tudubali RF(Lujuramunda)	100	N 20.237439	E 84.313042
		Chakapada RF (Mankadamaha)	100	N 20.172264	E 84.563040
		Baraba RF near Pokasunga	50	N 19 55 46.7	E 84 22 08.0
		Machhaghat RF near Bisitota	50	N 19 55 46.7	E 84 26 29.8
		Donga RF (Banardei - Bandhanpaju)	50	N 20 39 42.9	E 84 17 48.0
		Ranipathar RF (Kuaghera)	50	N 20 34 52.9	E 84 22 25.5
		Sudrukumpa RF (Pipalisahi)	50	N 20.534887	E 84.31591
		Total-	**1500**		
13	Baliguda	Doda	50	20 09 31.2	83 54 09.2
		Samagaon	50	20 13 15.1	83 44 56.1
		Kamberikia	50	20 17 50.9	83 48 00.8
		Tagabaju	50	20 01 57.5	83 04 18.6

		Muthabali	50	20 24 11.7	83 42 54.9
		Mundapadar	50	20 23 14.7	83 47 07.3
		Ghodabali	100	20 23 46.7	83 41 15.6
		Gadimaska	100	20 23 42.6	83 46 32.1
		Kakalanga	50	19 55 13.5	83 42 41.3
		Kapibira	50	20 04 18.2	83 40 55.6
		Panjabali	50	20 01 10.2	83 38 22.6
		Guluka	50	20 04 01.3	83 38 11.3
		Sunapanga	50	19 59 37.5	83 46 05.1
		Kurtibali	60	19 47 44.8	83 47 57.1
		Sajeli	40	19 41 38.7	83 43 50.1
		Gudri	50	19 52 23.6	83 51 50.1
		Sikjadi Patch-II	50	19 50 18.6	83 42 02.5
		Denguda	50	19 48 15.4	83 44 21.0
		Pujaghati	50	19.8743	83.573215
		Guma	50	19.8844067	83.6683033
		Burlubaru	50	19.9084902	83.5907904
		Mahaperu	50	19.911112	83.61249
		Baragaon	50	19.9630368	83.5073543
		Ulba	50	20.0344201	83.5773713
		Dharampur	25	20.1117	84.086873
		Dobedi	50.0	19 47 08.4	84 02 28.3
		Sitapanga	50.0	19 55 00.0	84 12 11.0
		Padmapalli	50.0	19 59 04.6	84 10 02.3
		Bliumaha	50.0	19 59 23.7	83 55 36.3
		Bdahakia	50.0	19 59 23.3	83 55 37.5
		Gerengakia	50.0	19 55 18.5	83 57 39.6
		Pokari	50.0	19 55 14.5	84 57 57.4
		Ullipadar	50	19 38 26.21	84 06 34.27
		Gudikia	50	19 43 43.60	84 08 52.57
		Poasa	100	19 43 30.69	84 02 50.32
		Total-	**1875**		
14	Boudh	Jajpur RF C/3	140	N20 36 21.5	N20 36 21.5
		Jajpur RF C/4	200	N20 37 59.3	N20 37 59.3
		Jajpur RF C/5	100	N20 38 19.4	E84 23 44.6
		Parapit RF C/B	100	N20 35 12.6	E84 26 15.2
		Jajpur RF C/6	100	N20 39 04.0	E84 22 22.7
		Arakhpadar RF C/5	100	N20 35 03.6	E84 35 28.7
		Aragarh RF C/6	60	N20 38 08.4	E84 31 34.3
		Mundeswar C/19	100	N20 32 39.4	E84 27 05.8
		Bankamundi RF C/8	150	N 20.715499	E 84.270078
		Bankamundi RF C/4	100	N 20.722305	E 84.324694
		Putuna RF C/2	100	N20 43 10.2	E84 05 15.9
		Putputigarh RF, C/3	100	N 20 36 43.3	E 83 46 24.4
		Penajor RF C/1 & 2	75	N 20 38 55.6	E 83 53 27.7
		Sunadei RF	100	N 20 32 02.1	E 83 41 59.8
		Palbhata RF	50	N 20 28 16.3	E 83 46 12.7
		Badadanda RF	75	N 20 27 56.0	E 83 44 07.8
		Total-	**1650**		
15	Gh. South	Kansa DPF near Badagada	50	N19 33 16.7	E84 35 41.9
		Panchabhuti C RF near Panchabhuti	50	N19 55 46	E84 52 48
		Kiriamba RF Compt No.8 near Talasara	50	N19 49 58.5	E84 51.40.0
		Kiriamba RF Compt No.3 near Kiriamba	50	N19 51 07.32	E84 53 12.40
		Kiriamba RF Compt No.1 near Jhadapada	50	N19 54 05.2	E84 53 53.5
		Purunapani Daburia PRF near Dhaumala	50	N19 39 32.0	E84 50 58.0
		Khaladimala PRF near Khaladi	50	N19 40 14.5	E84 53 11.9
		Pandiripada RL near Andhari	50	N19 799420	E84 004640
		Pandiripada RL, Compt. No.3 near Khumula	50	N19 47 28.7	E84 53 15.4
		Mundapita RF Compt No.1 near Dhepapalli	50	N19 45 16.5	E84 21 22.7
		Dhougaon RF Compt. No. 2 near Madiachakuli	30	N19 50 08.4	E84 19 53.1
		Bandhagochha RF near Muliapalli	30	N19 47 13.42	E84 25 41.55
		Pandakhol RF Compt No.5 near Nilamadhaba	50	N19 50 54.3	E84 16 12.9
		Badagada A UDPF near Binajgiri	50	N19 61 3112	E84 47 5513
		Badagada B UDPF near Jali	50	N19 58 9993	E84 45 472
		Badagada 'B' UDPF	50		
		Total-	**760**		
16	Gh. North	Tiliki RF C/1	50	N19 55 50.2	E84 28 32.1
		Tiliki RF C/2	50	N19 55 01.7	E84 28 55.6
		Kullada RF C/3	50	N19 59 55.2	E84 36 18.8
		Gallery RF C/13	100	N20 03 54.7	E84 32 02.7
		Baibali RF C/6	50	N19 59 04.2	E84 24 59.1
		Gallery RF C/15	50	N20 01 45.5	E84 32 49.3

		Kullada RF C/4	50	N19 59 10.2	E84 35 14.0
		Ragada RF C/5	50	N19 48 32.0	E84 29 52.0
		Bhinjigiri RF C/3	50	N19 45 24.8	E84 30 56.9
		Gallery RF C/16	40	N20 04 33.2	E84 34 14.6
		Chandragiri RF C/11 Near Kumbhipalli	50	N20 05 23.8	E84 36 58.9
		Chandragiri RF C/11(p) Near Beruanbadi	50	N20 03 32.9	E84 37 43.7
		Dimirijholi RF C/2	75	N20 08 12.3	E84 34 15.8
		chandrgiri RF C/05	50	N20 06 16.5	E84 40 49.1
		Bramhanasahi RF C/03	50	N20 06 20.3	E84 42 51.8
		Ambajhora RF C/12	100	N20 09 37.6	E84 43 05.0
		Ghogada RF C/03	50	N20 11 40.1	E84 44 54.4
		Paichhalia RF C/5	50	N20 04 48.6	E84 45 33.6
		Jagannathprasad RF C/9	50	N19 59 35.6	E84 40 39.2
		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**		
18	Paralakhemundi	Maringi	25	18.811056	84.294017
		Sitapahada	25	18.839431	84.262961
		Parida	50	18.871667	84.207972
		Upara Burosingi	50	N-18.944946	E- 84.013701
		Tulasipadu	50	N-18.49260	E- 84.0630
		Dhobajayapur	50	18.8470167	83.9395117
		Tarabha	50	N-19.123916	E- 84.199390
		Bayaguda	50	N- 19.223428	E-84.139625
		Kendusingi	50	N-19.082516	E-84.124578
		Manikapur	50	N-19.153412	E- 84.040059
		Chanchadapali	50	19.473676	84.049492
		Bhagabandh	50	18.976798	84.223798
		Chadiapada	50	19.209628	84.280316
		Denga amba	50	19.227978	84.236988
		Total-	**650**		
19	Jharsuguda	Katikela RF (ANR)	50	21-47-15.80	84-3-55.87
		Kushraloi VF	50	21- 42- 17.95	83-52- 06.07
		Betjharan PRF	50	21-46-28.32	83-42-41.48
		Bikramkhol PRF	50	21-48-23.0	83-44-19.0
		Badkhalia PRF	50	21-48-49.57	84-05-32.36
		Sarasmal A PRF	50	21-57-28.0	84-10-29.0
		Pitamal PRF	50	21-56-19.10	84-07-58.02
		Total-	**350**		
20	Sambalpur	Basiapada-Birsinghgarh RF (Banijharan)	100	21°15'36.57"N	84° 4'53.55"E
		Basiapada-Birsinghgarh RF (Basiapada)	60	21°17'5.34"N	84° 2'47.21"E
		Hatibari-Bandher RF	125	21°19'44.55"N	84° 6'59.68"E
		Jaduloisingh-Gunjaghar RF	50	21°19'34.55"N	84° 0'52.95"E
		Lamdungri RF	50	21°31'30.97"N	83°59'58.34"E
		Ghichamura Phuljhar RF	100	21°41'13.13"N	84° 7'26.31"E
		Chhamunda Kusamura RF	50	21°17'19.53"N	84° 9'2.37"E
		Parsalikhaman RF	100	21°20'12.94"N	84°17'10.57"E
		Kulcher RF	50	21°22'35.58"N	84°12'22.86"E
		Larasara TDRF	75	21°13'11.30"N	83°55'54.32"E
		Elbo TDRF	75	21°13'32.29"N	84° 0'48.87"E
		Tabloi TDRF	75	21° 8'23.32"N	83°57'57.88"E
		Total-	**910**		
21	Rairakhol	Hatidhara RF C/11	50	21 05 35.3	84 26 27.7
		Kholgarh RF C/32	50	21.1203	84.33326
		Hatidhara RF C/5	50	21 08 40.8	84 28 51.0
		Landakot RF C/45	50	21.15943	84.30732
		Kholgarh RF C/29	50	21 08 41.3	84 24 50.7

		Berhampura PRF	50	21.12742	84.23531
		2nd yr. ANR Kholagarh RF Compt-15	50	21°16'45.98"	84°23'0.01"
		2nd yr. ANR Landakote RF Compt-25	50	21°15'12.19"	84°20'57.78"
		2nd Yr. ANR Kholgarh RF Comp-18	100	21°12'35.34"	84°20'43.58"
		ANR Plantation Kholgarh RF C.N-18	100	21 15 17.7	84 29 23.9
		ANR Plantation Landimal RF C.N-5	50	21 13 42.3	84 34 34.0
		ANR Plantation Landimal RF C.N-16	100	21 07 49.42	84 33 40.92
		ANR Plantation Landimal RF C.N-1	50	21 13 26.69	84 30 06.54
		Rahan RF C.N-5	50	20.9302512	84.2498661
		Rahan RF C.N-2	50	20.96961	84.20242
		R.Badmal RF	50	21 04 44.6	84 03 12.1
		Landakot RF	50	21 09 50.3	84 13 48.8
		Mochibahal PRF	50	21 06 49.8	84 09 28.6
		Total-	**1050**		
22	Bargarh	Dekulba RF	30	21.245752	83.711852
		Adgaon RF	20	21.280552	83.716168
		Dechuan RF Kolbahali	100	21.64102	83.581502
		SDBR RF Jagatipali	100	21.529606	83.469871
		SDBR RF Jharmunda	50	21.47277	83.371331
		SDBR RF Khaprakhol	50	21.549429	83.446284
		Jhanjpahar PRF Kelenda	150	21.111993	83.220002
		Meleikhaman RF Jharei	100	21.275252	83.252541
		Budhdangar PRF Ledrapali	50	20.873993	83.07616
		Banjujhula	50	20.868035	83.123492
		Budhdangar PRF Jamartala	50	20.882825	83.144007
		Budhadangar PRF(B) Kamlapadar	50	20.933347	83.225558
		Adhual PRF Cheliamal	100	21.001357	82.859769
		Adhual PRF Dhaneswar	50	21.000765	82.82474
		Adhual PRF Gandapali	50	21.081752	82.943058
		Gandhamardan PRF Majhipali	100	20.948675	82.892438
		Gandhamardan PRF Motipali	100	20.841202	82.792305
		Total-	**1200**		
23	Bamara WL	Bandhabar RF (Kinabaga site)	50	22 6 5.34	84 27 14.3
		Bandhabar RF (Fuldumer site)	50	22 5 25.01	84 29 23.3
		Bandhabar RF (West) (Gardega site)	50	22 3 10.8	84 25 14.7
		Mahavir RF	50	22 7 4.36	84 18 42.27
		Niktimal PRF	100	21 59 47.32	84 23 32.49
		Bandhabar RF (Goeljhumpa site)	50	22 1 12.42	84 26 59.49
		Bandhabar RF (East) (Kichinda)	50	22 2 38.55	84 28 46.05
		Thaurniktimal PRF	180	21 42 0.9	84 23 34.83
		Laidaguna PRF (Dansenadihi)	150	21 46 24.1	84 25 47.7
		Laidaguna PRF (Kaputikira)	50	21 46 19.03	84 24 36.1
		Tureiniktimal PRF(Kalijharan)	50	21 49 18.25	84 30 22.5
		Binjipali RF (Naktidihi parbat)	100	21 36 53	84 12 3
		Khajuria RF (Near Bamdagarh)	110	21 40 34	84 28 14
		Fatamunda PRF (Kharkhar Tunguri)	70	21 41 51.7	84 14 17.5
		Guljipali KF	50	21 36 702	84 19 0
		Addl Kansar RF (Tentuliguda)	40	21 30 52.04	84 22 31.97
		Naktipali near Jagekhol	30		
		Ushakothi RF Compt No.13 (Woden Bridge)	50	21 28 31.5	84 18 13.4
		Ushakothi RF Compt No.2 (Bilaspur)	50	21 27 28.12	84 14 10.45
		Kanibandhali PRF (Kanibandhali site)	40	21 30 14.07	84 10 20.21
		Kanibandhali PRF (Gopikata)	60	21 29 18.01	84 11 55.02
		Badrama RF (Compt No.1) Near Deodhar	50	21 33 27	84 12 18
		Titobahal RF Near Laijhar Road)	50	21 32 7.2	84 14 22.44
		Badrama RF (Compt No.16(P) near Petapal ghati	50	21 32 41.5	84 16 37.75
		Chadarpada KF	15	21 20 52.1	84 23 21.2
		Babajimath KF	50		
		Kisinda PRF	40	21 18 41.89	84 25 3.3
		Panduakhol KF	60	21 17 52.22	84 31 34.76
		Devikhol KF	35	21 20 8.17	84 33 13.11
		Total-	**1780**		
24	Sundargarh	Athkiosia RF	200	N22.15965	E84.00174
		Bhursipatra RF	60	N21.98502	E83.91871
		Bharatpur	50	N22.04782	E83.94195
		Bheluantikra DPF	25	N21 53 06.5	E83 47 11.9
		Budlakhaman RF	75	N21 50 48.9	E83 39 22.3
		Arjunda-Biswanathpuer DPF	100	N21 55 12.5	E83 45 03.4
		Hundarkhol DPF	100	N21 57 20.4	E83 44 27.1
		Garjanpahad RF	80	N21 55 58.1	E83 38 21.4
		Jamkani RF (G)	200	N22 05.229	E83 41.378
		Jamkani RF (T)	200	N22 05 53.4	E83 39 14.9

		Gurabasa	50	N22 03 33.0	E84 05 24.3
		Kiralaga	50	N22 21 09.1	E84 10 00.9
		Tiljura	60	N22 12 20.9	E84 08 59.3
		Ghoghar	60	N22 20 05.2	E84 02 29.5
		Mahulgaon	60	N22 21 54.9	E83 59 38.9
		Ghoghar	40	N22 20 17.7	E884 03 33.5
		Tilia RF	100	N22 24 29.8	E84 06 13.4
		Tikilipara R.F	50	N22 10 40.5	E84 16 10.7
		Itma R.F	140	N22 08 30.7	E84 13 00.1
		Panchora South R.F	50	N22 19 08.8	E84 23 03.2
		Bhursulia R.f	50	N22 19 38.1	E84 24 37.9
		Mahavir R.F	100	N22 09 23.0	E84 23 23.9
		Dhangergudi RF (Budapahad)	385	N22.19509	E83.73577
		Bindhiya RF (Chhatenpali)	50	N22.08994	E83.85429
		Kurumkel	165	N22.09229	E83.77623
		Total-	**2500**		
25	Rourkela	Ergeda RF	50	22.130166	84.9037
		Durgapur RF	50	22.242835	84.899975
		Harapali RF	50	N22 19 13.9	E84 49 36.4
		Jugsai RF	50	N22 16 13.1	E84 46 04.7
		Bhainsamunda RF	50	N22 02 37.2	E84 48 44.0
		Kamarpahad RF	50	N22 16 20.9	E84 47 02.1
		Jharbeda RF	150	N22 02 14.0	E85 00 34.0
		Mahura RF	50	N22 02 01.6	E84 55 43.7
		Kuradihi RF	50	N21 59 11.8	E84 53 37.7
		S. Chirobeda RF	50	N22 11 28.3	E85 02 01.8
		Bagdega RF	75	N22 20 31.7	E85 04 00.9
		Mahipani RF	75	N22 16 43	E85 2 1
		Lindidiri RF	50	N22 23 16	E85 2 54
		Jharbeda RF	50	N22 13 34.67	E85 02 52.64
		Gudhiali RF	50	N22 12 7.5	E84 32 57.3
		Chatam RF	100	N22 3 38	E84 33 13
		KUMARIA RF (Bagichapada)	50	N22 11 59.0	E84 41 0.0
		KUMARIA RF(Ramlata)	50	N22 09 33.0	E84 41 15.0
		Haldipani RF	100	N22 07 45.0	E84 38 50.5
		Lassey RF	50	N22 20 37.95	E84 46 01.85
		Jaidega RF	50	N22 20 39	E84 40 47
		Total-	**1300**		
26	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**		
27	Deogarh	ANR Plantation in Paudi RF near Autal	50	21.5662367	85.1849267
		Badtaila RF near Dantaribahal	50	21.606335	84.83342
		Ranjo PRF	50	21.405103	85.139115
		MGRF near Jenapasi	100	21.378324	85.181021
		Kunjam RF	50	21.24066	85.209857
		Jambua RF	50	21.238458	85.1124
		Kankarkhol PRF near Tinkbir	40	N21.35762	E84.71994
		Tarang PRF	30	N21.26128	E84.56930
		Total-	**420**		
28	Keonjhar	Kuanr DPF of BJP Range	50	21.50269444	85.45047222
		Atei RF (Comp No.33 & 34) near Kadabahali of Ghatagaon Range	200	21.37224722	86.03495
		Raikala RF of Keonjhar Range	50	21.82665278	85.60288056
		Barabanka RF (Janghira) of Keonjhar Range	50	21.82745833	85.60104444
		Atei RF of Patna Range	100	21.538216	85.997413
		Samakoi RF of Telkoi Range	50	21.35652778	85.37752778
		Total-	**500**		
29	Baripada	Biridihi	20	N22 9 56	E86 41 24
		Jamjarki	80	N22 8 48	E86 42 57
		Kadada	30	N21.629802	E86.742017
		Raghunathpur	50	N21 50 20.3	E86 44 15.58

		Banasahi	50	N22.196677	E86.60861
		Total-	**230**		
30	Karanjia	Mahuliasuli RF	30	21.9018944	85.8592917
		Pokamunda RF	25	21.8044462	86.0070414
		Kujiam RF	25	21.9622083	85.9317267
		Mulapal RF	25	21.4963053	86.1918126
		Pantho ANR other misc. Plantation	10	N-21.898138	E-86.040609
		Khudisila RF	50	21.42569444	86.22238889
		satkosia RF Compt No-15	50	21.37652778	86.23780556
		satkosia RF Compt No-14	50	21.37652778	86.23294444
		Total-	**265**		
31	Rairangpur	Bhuyanbasa	118	N22 07 7.80	E86 11 29.60
		Sargoda	100	N22 06 11.38	E86 12 21.31
		Chaunradihi	30	N22.07888	E86.10306
		Basaghutu	50	N22 08 41.19	E86 04 43.53
		Dubulabeda	50	N22.1775	E86.03750
		Hatbadra	20	N22 10 48.36	E86 07 02.13
		Gambharia R.F	100	N22.338305	E86.146153
		Tiring R.F (Sankumrum)	50	N22.555446	E86.054792
		Tiring R.F (Ranisahi)	50	N22.517890	E86.089890
		Manbir R.F	27	N22.227183	E86.008392
		Ramgarh- Asurghaty R.F	50	N22.475686	E86.173471
		Bhitaramda DPF	50	N22.429872	E86.196924
		Jhumkapahadi	25	N22 15 28.8	E86 23 38.2
		Ramchandrapur	40	N22 15 04.6	E86 15 01.0
		Karanjharandhusra RF	40	N22 11 20.3	E86 16 34.1
		Dubulabeda	40	N22 17 03.5	E86 11 28.4
		Kumbhirmundi	40	N22 21 45.0	E86 12 48.6
		Ampani	40	N22 19 20.7	E86 18 30.7
		Dhiral	40	N22 24 15.2	E86 17 54.0
		Dangapani Munisahi	15	N22 24 56.8	E86 14 49.7
		Khadambeda RF	25	N22.166274	E86.432983
		Total-	**1000**		
32	Balasore WL	Jahnifulia	60	21.861875	87.148347
		Total-	**60**		
33	Keonjhar WL	Patilo RF	100	21.113947	86.074352
		Santoshpur RF	100	21.353468	86.068652
		Atei RF Compt. No-61(P)	200	21.299086	86.045341
		Rebana RF Compt. No-7(B)	100	21.279715	85.717522
		Atei RF Compt. No-67(P)	200	21.275149	85.928063
		Rebana RF Compt. No-47(B)	100	21.09699	85.871769
		Rebana RF Compt. No-27	200	21.161198	85.860632
		Rebana RF Compt. No-23(B)	100	21.107751	85.790019
		Pangaposi	100	21.231223	85.750718
		Total-	**1200**		
34	Kalahandi North	KandBandopola	50	N19.898938	E83.100106
		Lebed (Sargiguda)	50	N20.033475	E83.065612
		Dalguma	50	N19.819877	E83.093962
		Gachhkhula	50	N19.884041	E83.097619
		Mahendrapur	50	N20.1098236	E82.9443169
		Betrajpali	50	N20.1550561	E82.8683888
		Banjipadar	50	N20.0724662	E82.8401329
		Kandakhal	50	N20.0781029	E83.0502342
		Kirkakani	50	N19.977429	E82.7420726
		Bokrasil	50	N19.9643751	E82.7174939
		Tendopani	50	N20.04386	E82.8406817
		Kholpala	50	N20.1536318	E82.942014
		Bhatipada	50	N20.139495	E82.8870333
		Bordi	50	N20.1397842	E82.8871641
		Gandbasa	75	N20.1272767	E82.9864417
		Burfa	50	N20.1034817	E82.9832433
		Putiachura B	50	N19.9841184	E82.9278091
		Bhandarkachhar	50	N20.0253746	E82.8901088
		Putiachura A	50	N19.9719976	E82.929473
		Ghantsola	50	N20 13 32.3	E83 16 24.1
		Ghatpada	50	N20 14 45.9	E83 18 36.8
		Tulangpadar	50	N20 15 53.7	E83 19 16.0
		Podhkham	50	N20 12 02.2	E83 16 53.8
		Bilat	50	N20 03 30.5	E83 20 15.0
		Adring	50	N20 02 18.4	E83 19 18.3
		Chandanpinda PRF (at Ganjipadar)	50	N20.213352	E83.571151
		Telisarabahali (Jamunapur)	50	N20.304311	E83.496011

		Badengsara	50	N20.31764	E83.697985
		Samarkata	100	N20.045598	E83.408597
		Budelpadar	50	N20.021185	E83.360589
		Kamarda	100	N20.009692	E83.42543
		Budhipadar	100	N20.102182	E83.57463
		Pujiladu	50	N20.113312	E83.498028
		Rangaparu	50	N20.07696	E83.55612
		Total -	**1875**		
35	Kalahandi South	Podeikhunti(Roul Jhimiri Extn.PRF)	50	N19.71676	E83.30662
		Gandhini(Roul Jhimiri Extn.PRF)	50	N19.66490	E83.34020
		Tahinpadar(Pahadpadar RF)	50	N19.58983	E83.19058
		Talangsur(Phulbari PRF)	50	N19.73074	E83.27798
		Rayalguda(Machul RF)	50	N19.78391	E83.29002
		Karkamaska(Bori RF)	50	N19.75623	E83.33835
		Samapala, Singari RF	100	N19.67128	E82.95928
		Jharbandhpada, Singari RF	100	N19.52301	E82.89226
		Mohangiri	150	N19.57633	E83.15439
		Indravati PRF (Odiguna)	200	N19.577743	e83.058616
		Nehela RF, Sagada Section	75	N19.8040624	E83.1303427
		Jerka RF, Kiapadar Section	75	N19 42 37.3	E83 04 31.6
		Karlapat RF, Karlapat Section	50	N19 38 59.3	E83 07 11.4
		Bhalujore	150	N 19.3510272	E 82.7239851
		Pondi	70	N 19.3517837	E 82.744821
		Kalduda	70	N 19 2544.7	E 82 5321.8
		Ghumar	100	N 19 25 45.0	E 82 42 05.8
		Pabli	150	N 19 25 32.9	E 82 42 04.7
		Ghantiguda	50	N19 40 00.3	E82 35 43.2
		Jhulenbar	100	N19 31 10.0	E82 38 31.2
		Golamunda, Ghana RF	100	N 19 50 43.0	E 83 02 08.9
		Ratanpalla, Beldhar Dungari DPF	50	N 19 46 03.5	E 83 00 00.2
		Jharbandh, Pariagarh RF	50	N 19 55 00.2	E 82 58 35.3
		Pandrapalla, Pandrapalla DPF	60	N 19 42 57.8	E 82 57 01.5
		Total-	**2000**		
36	Subarnapur	Bandhpali	50	N20 47 16.2	E83 44 56.0
		Satrupali	50	N20 44 08.2	E83 43 55.5
		Piplipali	50	N20 50 55.7	E83 51 18.7
		Chahatakhol	100	N20 54 10.7	E83 37 22.2
		Chhokormal	50	N20 55 12.3	E83 37 22.0
		Dahimal	100	N20 51 05.6	E83 39 21.6
		Punjipathar	50	N20 864428	E83 676937
		Sukhilasar	50	N20 32 37.8	E83 38 29.3
		Nuamunda	100	N20 36 04.3	E83 41 59.4
		Jankakpur	50	N20 35 54.4	E83 37 54.8
		Charniapali	50	N20 35 26.9	E83 37 47.8
		Bishnupur	100	N20.928004	E84.00443
		Dadarpali	50	N21.02220	E84.04107
		Brahmanipali	50	N21.083544	E83.917075
		Kharapura	50	N21.132255	E83.962815
		Gindilamal	50	N21.10513	E83.88247
		Jaunrabhaunra	50	N21.06820	E83.88342
		Budhijharan	50	N21.12216	E83.88369
		Jharbahali	50	N20.98533	E83.85128
		Kutmenda	50	N21.00429	E83.85541
		Pipalkata	50	N21.00812	E83.90396
		Khemaloe	50	N20.99352	E83.88865
		Jharapathar	100	N20 56 54.83	E84 12 44.98
		Butukhaman	50	N20 57 54	E84 11 48
		Purnapani	100	N20 57 25.7	E84 12 15.4
		Thakurpur	40	N20 55 12.0	E84 15 30.0
		Gariamunda	50	N20 55 11.5	E84 15 05.3
		Hatilimunda	100	N21 00 21.4	E84 07 21.8
		Bhaludunguri	50	N21 00 48.9	E84 06 06.5
		Bhandar	100	N21.04191	E83.75383
		Total	**1890**		
37	Bolangir	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**		
38	Khariar	Khamtarai	50	N20.216737	E82.766768
		Palenbasa	50	N20.200313	E82.696778
		Kirekela	50	N20.383866	E82.612035
		Amereha	50	N20.351227	E82.605947
		Kenduguda	50	N20.269165	E82.653616
		Bhimapadar	50	N20.251939	E82.645799
		Mantratari	100	N20.216920	E82.698000
		Kotamal	40	N20.18855	E82.77922
		Palsipani	50	N20.4152517	E82.700825
		Dharamsagar PRF	50	N20.409310	E82.683660
		Deodhara	50	N20.439802	E82.581273
		Dhanrabhata	50	N20.465494	E82.573941
		Babupali	50	N20.657158	E82.677765
		Pandrapathar	50	N20.583230	E82.646075
		Sihinamunda	50	N20.636778	E82.614110
		Anupgarh	30	N20.546224	E82.706056
		Mundapala-Chaura A PRF	90	20.13143	82.71561
		Darlipada-Koilakhala PRF	40	20.037857	82.527114
		Karlapani-Cherepani PRF	35	20.073879	82.675607
		Badhunjore-Chaura A PRF	50	20.1201709	82.8178037
		Jampani -Koilakhala PRF	50	20.0675	82.53888889
		Kaseipani-Cherepani PRF	50	20.00968	82.69323
		Patialpada-Nagesh 'B' PRF	70	N20.025723	E82.706518
		Liad - Chaura A PRF	50	20.12911	82.79988
		Dongargaon-Koilakhala PRF	50	N20.07908	E82.51902
		Phulchi - Koilakhala PRF	50	N20.10370	E82.48735
		Nuamalpada-Koilakhala PRF	50	20.03444444	82.50527778
		Karlapani-Cherepani PRF	65	20.065676	82.67513
		Pandaripani VF	50	N21.0150497	E82.6641141
		Kadomeri (Masankunda A PRF)	50	N20.9764302	E82.6697534
		Jhalbahal	90	20.84674	82.57688
		Total-	**1660**		
39	Sunabeda WL	Chandanpur	35	N20 41 15.0	E82 32 26.0
		Maraguda	33	N20 42 15.0	E82 27 56.0
		Bandhapar	45	N20 42 08.0	E82 25 54.0
		Patora	47	N20 44 14.0	E82 26 02.0
		Khaliapada	44	N20 42 47.0	E82 22 13.0
		Bairbhadi	38	N20 40 52.0	E82 26 39.0
		Badei Att	38	N20 40 18.0	E82 25 20.0
		Bhaosil	38	N20 38 43.0	E82 22 45.0
		Kendulamer	30	N20 32 34	E82 32 13
		Jabdabanji	30	N20 31 40	E82 30 2
		Gadgada	30	N20 29 2	E82 32 2
		Deolpathar	50	N20 33 56	E82 30 2

		Nachinisil	45	N20 34 05	E82 29 02
		Bardi Aat	50	N20 36 57	E82 29 21
		Kebdiam	45	N20 29 26	E82 27 57
		Bhumarmari	45	N20 29 09	E82 26 06
		Godbhata	45	N20 30 42	E82 28 39
		Ghatsil	50	N20 31 26	E82 24 55
		Chakla Nalla	45	N20 33 56	E82 26 52
		Jogimunda	45	N20 30 12	E82 26 06
		Total-	**828**		
40	Rayagada	Perpa, Lelliguma RF	50	19.253763	83.146568
		Perpa-2, Lelliguma RF	50	19.255431	83.147845
		Panchali, Sankarada RF	50	19.145436	83.129659
		Kaliapadar, Titiguda RF	50	19.170270	83.133055
		Kilkajodi, Ghodasal DPF	50	19.176860	83.199570
		Baharkutumi, Ghodasal DPF	50	19.133541	83.190313
		Pukesh, Masimandi PRF	50	19.126000	83.017500
		Bariapada, Nimagiri PRF	50	19.506500	83.367250
		Naringitola, Narigitola PRF	50	19.545560	83.337880
		Gugurmandi, Bijaynagar PRF	50	19.490010	83.266680
		Dantaling, Sajja RF	50	19.398150	83.378610
		Kansarikhala, K. Sinpur RF	50	19.525540	83.343410
		Keutoguda, Rebolkona RF	50	19.291260	83.364630
		Bodapadu, Rebolkona RF	100	19.347740	83.342320
		Kottaguda, Sajja RF	100	19.408540	83.360250
		Rachapaka , Penikona PRF	100	19.088180	83.527167
		Kodupadu , Barijholla RF	50	19.143854	83.339434
		Karajholla, Kutuli PRF	100	19.124747	83.187894
		Kosakona , Kumbhikota DPF	50	19.131429	83.263579
		Jolingi , Kodupadu RF	50	19.142660	83.338108
		Ajingtang, Redhasal DPF	50	19.049489	83.902384
		Podeikhal, Pedakonda RF	50	19.046432	83.874322
		Karanjoli, Bhagudi PRF	50	19.247781	83.563378
		Kachapai, Hazaridanga PRF	50	19.330480	83.559890
		Banapur, Hazaridanga PRF	50	19.351263	83.491655
		Tankupadar, Ghaguudpadari PRF	50	19.532480	83.571470
		Total-	**1500**		
41	Koraput	Deshnayakguda	50	N18.858065	E82-760291
		Garadamunda	50	N 18.89001	E 82.82355
		Bidaghati	30	N18.4956	E82-3908
		Bidaghati Extn.	20	N18.4936	E82-3913
		Pandakapader	80	N19.007677	E83.170357
		Tala Champi	80	N18.993284	E83.021846
		Bhalupadar	50	N18.799970	E83.038630
		Pilikur	50	N18.888590	E83.094080
		Almonda	50	N18.866850	E83.312210
		Rebatiguda	50	N18.847640	E83.380420
		Rajsunar	50	N 18.51722	E 82.877839
		Podapadar	50	N18.577478	E82.797977
		Mandarguda	50	N18.746445	E82.835284
		Sunki	40	N 18.50037	E 83.050887
		Mali Bhimdol	75	N18.44730	E82.73279
		Padwa	75	N18.62376	E83.15425
		Galgonda	40	N 18.356695	E82.705715
		Kantipada	50	N 18.18.59698	E 82.52444
		Jabagada	50	N 18.4671736	E 82.5692560
		Mahulpal	50	N 18.34582	E82.35188
		Total-	**1040**		
42	Jeypore	Bhejaguda	110	18.774765	82.4853567
		Tentulipadar	50	18.7849717	82.270665
		Lakhmaliaguda	50	18.8560284	82.2920037
		Hatipakhna (Gundliaguda)	20	18.728695	82.3637762
		Tenkar	20	19.0239437	82.6144866
		Birahandi	30	19.0826847	82.5407832
		Dindaraja	30	19.0448625	82.7354305
		Muduliguda	40	19.0333383	82.6919568
		Chitikasil	50	19.1265633	82.84097
		Kaudiaguda	20	18.7655367	82.2679283
		Siribededa	50	18.76585	82.2475467
		Ooimariguda	50	18.8111217	82.196365
		Keratal	50	18.770365	82.2000983
		Goyelkund	40	18.8921317	82.2368533
		Gajulpadar	40	18.8915602	82.2558133

		Sangabadi	100	18.894296	82.6393603
		Dumuripadar	50	18.7919517	82.5630146
		Dhaudapadar	50	18.8214068	82.6010549
		Gunji	50	18.7466653	82.5338499
		Jeevna	50	18.9288806	82.5041032
		Sundiguda	80	19.1065314	82.4239467
		Raniguda PRF	80	19.0224233	82.3766017
		Malchama RF	90	19.0069117	82.2689633
		Kotriguda	100	18.8813067	82.2897333
		Jholaguda	50	18.9610583	82.3259017
		Nuaguda	30	18.9914133	82.30145
		Saradhapur	70	18.9478763	82.3737302
		Total-	**1450**		
43	Nabarangpur	Patraguda Extn. RF	50	N19 22 03.7	E82 29 41.5
		Moharaguda RF	50	N19 21 37.0	E82 28 59.0
		Jagannathpur RF	50	N19 11 24.4	E82 45 14.8
		Kusumi PRF	80	N19.44739	E82.18939
		Miriminda PRF	40	N19.38387	E82.21302
		Jhaliaguda RF	50	N19.48908	E82.39128
		Janiguda, Begigam RF	50	N19.42647	E82.49106
		Godegam PRF	50	N19.43531	E82.34261
		Khudiguda, Maidalpur PRF	100	N19.46995	E82.62205
		Telnadi RF	80	N19.74540	E82.18064
		Badni (Deobandh PRF)	100	N19.582666	E82.439764
		Ghumarmundi (Panabeda PRF)	100	N 19.732911	E 82.561191
		Kongra (Santemera RF)	15	N19.653169	E82.500952
		Hatigam RF	85	N20.00766	E82.05427
		Bharsundi RF	50	N19.92041	E82.14854
		Hatigam RF(Naktisimada)	50	N20.01981	E82.02028
		Total-	**1000**		
44	Malkangiri	Nuaguda	50	17.976110	81.700280
		Machhaghati	50	17.986670	81.783060
		Teakguda	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
		Niliguda	40	18.278350	81.655430
		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
		Teakguda	25	18.373594	82.149022
		Kamalapadar (Govindapalli)	50	18.59033	82.28412
		Badniguda	40	18.618281	82.254854
		Godiali	30	18.573155	82.225842
		Amlaguda	50	18.66046	82.024534
		Kutiguda	20	18.20739	81.929762
		Jhileriguda	50	18.461748	81.897137
		Pitatung	40	18.487127	81.995604
		Rampur (Goiparbat RL)	80	18.412639	81.910911
		Monuskonda	50	18.394148	81.972777
		Total-	**1500**		
Grand Total-			**44898**		

Annexure-III-XIX

Site Wise details of Economic Plantation @1600 Plants/Ha. 2nd Year Maintenance under AR Plantation

Sl No.	Name of the Division	Location	Area in Ha.	Geo-coordination	
				Latitude	Longitude
1	Puri WL	Ishaneswar	5	N-19° 87' 60.4"	E-86° 13' 65.04"
		Total	**5**		
2	Sundargarh	Sarda Village Forest	20	N22.23569	E83.82400
		Manoharpali	5	N22.24437	E83.69700
		Hatituku Village	5	N22.23217	E83.67496
		Total	**30**		
3	Rairangpur	Salai DPF (Jadunathpur)	10	N22.540323	E86.031935
		Bhalupahadi	5	N22 09 19.60	E86 04 30.18
		Total-	**15**		
4	Subarnapur	Bandhpali	15	N20 47 09.7	E83 44 04.6
		Dablong	25	N20 56 06.7	E83 38 23.8
		Total-	**40**		
5	Bolangir	Khujenpali	20	N20.653986	E83.486989
		Gadiajore of Munda R.F	5	N20.36466	E82.74485
		Bangabahal & Bangabahal VF	10	N20 57 08.7	E83 33 51.6
		Thakurapali VF-	10	N20 49 34.2	E83 21 14.7
		Tikhari RF, Muribahal	20	N20.37659	E83.11366
		Sansulia RF (Ghagara)	25	N20.85255	E83.02633
		Chandanpada	10	N20 23 50.4	E83 22 56.6
		Total-	**100**		
		Grand Total-	***190***		

Annexure-III-XX

Site Wise details of Indigenous Species Plantation @1600 Plants/Ha. 2nd Year Maintenance under AR Plantation

Sl No.	Name of the Division	Location	Area in Ha.	Geo-coordination	
				Latitude	Longitude
1	Dhenkanal	Anantapur RF	20	21.07250	85.18090
		Barabank North RF	20	20.91760	85.37350
		Total-	**40**		
2	Athgarh	Khalakhala RF under Athgarh Range	10	20 29 55.0	85 43 43.21
		Adala RF under Athgarh Range	10	20 34 20.0	85 40 23.0
		Total-	**20**		
3	Cuttack	Godimagura	60	20 43 33.4	86 02 28.7
		Durgapur	13	21.074057	85.983355
		Kendupura	12	21.06977	85.856297
		Bhalunkipatal	30	21 0 4.4	85 47 4.5
		Boulapal	20	20 58 52.3	85 53 1.2
		Kanchichua	10	20 56 51.6	85 52 22.4
		Upperagada	10		
		Total-	**155**		
4	Khordha	Pangarsingh RF (P-I)	10	20.27462	85.49134
		Pangarsingh RF (P-II)	10	20.28287	85.48279
		Brahmanidevi DPF	20	20.20546	85.2868
		Duburi DPF	20	20.15681	85.29798
		Total-	**60**		
5	Nayagarh	Pokharigochha RF, C-6	5	20.289788	84.776817
		Baisipalli Ext. IV	8	20.479432	84.80753
		Ragadimada RF C/5	3	20.234515	84.914107
		Total-	**16**		
6	Chandaka WL	Firikinali	25	N20 22' 52"	E85 44' 46"
		Pathangula	18.75	N20 22' 24"	E85 44' 55"
		Dhobabandha	9.375	N20 22' 56"	E85 44' 43"
		Bualigarh	9.375	N20 20' 52"	E85 42' 18"
		Baunsaberena	9.375	N20 21' 45"	E85 42' 43"
		Pitagadia WT	9.375	N20 21' 52"	E85 42' 18"
		Near Behentasahi	9.375	20 20' 00.07"	85 40' 22.44"
		Near Golagada	6.25	20 20' 52.54"	85 39' 30.60"
		Near Saurabila	12.5	20 20' 00.10"	85 39' 53.02"
		Near Balimada	9.375	20 21' 31.56"	85 40' 22.44"
		Near Dukhisukhipadia	9.375	20 23'6.01"	85 39' 17.31"
		Near Pithakhia	9.375	20 21' 46.17"	85 41' 07.53"
		Near District Border	15.625	20 21' 59.35"	85 41' 32.70"
		Tarkai RF near Ramachandrapur	3.125	20 16 13.92	85 34 37.65
		Deras PF near Deras	3.125	20 18 39.97	85 41 04.05
		Ratanpur PF near Patakhala	3.125	20 14 33.12	85 39 26.90
		Ratanpur PF near Palaspur	12.50	20 14 49	85 39 44
		Ratanpur PF (SBP 720)	9.375	20 12 37.33	85 39 49.73
		Ratanpur near Kumarbasta(Hajabandha)	12.50	20 12 35.79	85 39 11.58

		Kodamunda PF near Guptapada	9.375	20 16 51.02	85 40 07.00
		Kodamunda PF near Haridamada	6.25	20 17 19	85 40 22
		Plantation near Hatiasuni	1.875	20 18 51.14	85 48 15.35
		Plantation near Talabania	21.875	20 59 03.12	85 46 57.91
		Plantation near Khadikhani	13.75	20 20 51.24	85 46 34.92
		Total-	**250**		
7	Phulbani	Bandhagada A PRF near Mandiapadar	10	N 20 16 49.6	E 84 10 21.9
		Talarimaha PRF near Padasahi	10	N 20 13 56	E 84 22 29
		Sikabadi PRF near Kumbharkhadi	10	N 19 58 29.8	E 84 17 22.9
		Total-	**30**		
8	Baliguda	Hatisal	5	20.13 9.5	84.07 25.4
		Gahakia	5	19 46 45.9	84 01 44.6
		Dhusarigaon	10	19 42 19.47	83 58 24.80
		Total-	**20**		
9	Berhampur	Manikpur	5	19 03 19.3	84 31 28.1
		Total-	**5**		
10	Jharsuguda	Rajpur PRF	2.50	N21° 52' 07.18"	E-83° 53' 59.86"
		Chandarpur VF	2.50	N-21-55-52.37"	E-84-11-30.22"
		Total-	**5**		
11	Bargarh	Kesripali	9	21.120892	83.838055
		Mehena	6	21.143912	83.849921
		Budelbahali	5	21.141159	83.825188
		Total	**20**		
12	Bamara WL	Sagra	25	22 9 29.1	84 28 26.7
		Laidaguna PRF (Ramjhali)	15	21 45 47.94	84 22 43.36
		Thelkubudi KF	10	21 46 14.84	84 23 15.39
		Fatamunda	10	21 39 35.1	84 17 37.4
		Near Dengsargi of Fulkusum Beat	15	21 35 45.29	84 24 8.09
		Total-	**75**		
13	Sundargarh	Dhanubans RF	70	N21 58.552	E83 32.273
		Total-	**70**		
14	Rourkela	Jibikaposh	10	N21 51 17.3	E84 52 40.9
		Total-	**10**		
15	Bonai	Mahulpada	25	N21.766	E85.097
		Dharanidharpali	5	N21.975	E85.172
		Total-	**30**		
16	Deogarh	Kumal K.F.	20	N21.31853	E84.61337
		Kainsaripalli KF	10	21.444141	85.176656
		Total-	**30**		
17	Rairangpur	Ramgarh- Asurghaty R.F	5	N22.471512	E86.148427
		Asna Village Forest	5	N22.373953	E86.199774
		Baneikala	16	N22.071655	E86.196930
		Bhalupahadi	17	N22 08 41.19	E86 04 43.53
		Total-	**43**		
18	Keonjhar WL	Salapada Colony - B near khadibilli	19	21.190051	86.093035
		Madanpur VF	4	21.145132	86.085622
		Kainisiary VF	4	21.095672	86.070395
		MadanPpur VF	5	21.139017	86.084802
		Khailo VF near Atei RF	4	21.174876	85.96804
		Khathapal VF near Atei RF	4	21.175778	85.971432
		Sapnaposi PRF	15	21.146225	85.958012
		Gadabandhagoda	6	21.077533	86.047148
		Total-	**61**		
19	Kalahandi North	Bandajore	20	N20.102237	E82.9205505
		Total-	**20**		
20	Kalahandi south	Kelia	20	N19 54 30.6	E82 52 49.9
		Total-	**20**		
21	Subarnapur	Khagsakana	20	N20 51 49.1	E83 37 22.5
		Kadalipali	15	N20 50 58.3	E83 41 17.0
		Padhanpali	15	N20.92633	E84.01841
		Padhanpali	10	N20.92380	E84.01614
		Khemaloe	15	N21.00807	E83.89816
		Butukhaman	15	N20 56 18.97	E84 11 20.59
		Kundopal	50	N21 00 42.7	E84 06 15.1
		Total-	**140**		
22	Bolangir	Tandamunda	10	N20.604864	E83.506324
		Chaulia of Babesagar R.F	15	N20.38122	E82.88970
		Muribahal of Dandel R.F	10	N20.43782	E82.70718
		Total-	**35**		
23	Khariar	Budhapada	10	N20.293308	E82.65544
		Dharamsagar PRF	10	N20.396450	E82.68366
		Bishibahal	5	N20.517834	E82.564852
		Darlipada-Koilakhala PRF	15	20.030368	82.526053
		Jhitki (Lukupali) VF	20	N20.982030	E82.609030

		Jangula VF	10	N20.894509	E82.5330378
		Jangula VF	5	N20.8957967	E82.5319117
		Siliaribahara	5	20.70907	82.39515
		Total-	**80**		
		Grand Total-	***1235***		

Annexure-III-XXI

Site Wise details of Indigenous Species Plantation @1000 Plants/Ha. 2nd Year Maintenance under AR Plantation

Sl No.	Name of the Division	Location	Area in Ha.	Geo-coordination	
				Latitude	Longitude
1	Dhenkanal	Anlabereni	20	20.83328	85.54279
		Suniamaru	10	20.88136	85.55657
		Suniamaru	10	20.87969	85.55496
		Kankili	10	20.86937	85.40283
		Kankili	10	20.86642	85.41364
		Total-	**60**		
2	Khordha	Duburi DPF	10	20.15571	85.25315
		Champagarh RF	20	19.9724	85.426
		Total-	**30**		
3	Puri WL	Balukhanda Compt. No. IV, V,VI, VII, VIII	250	N-19° 49' 32.29" N-19° 49' 10.44" N-19° 49' 43.89" N-19° 49' 17.03" N-19° 49' 59.07"	E-85° 52' 13.48" E-85° 52' 23.32" E-85° 52' 45.29" E-85° 52' 46.62" E-85° 53' 18.43"
		Total-	**250**		
4	City Forest	Mendhasal RF	10	20 16 22.2	85 43 42.1
		Total	**10**		
5	Boudh	Aragarh RF C/7	20	N 20 37 44.7	E 84 35 15.6
		Aragarh RF C/2	10	N 20 38 19.7	E 84 29 17.0
		Budhisukha RF	10	N20 27 23.9	E84 28 22.1
		Panchara RF	24	N 20 43 28.7	E 84 01 43.5
		Dhungiapadar RF	6	N 20 73776	E 83.92945
		Baghad "A" RF	8	N 20 46 30.3	E 83 45 48.7
		Baghad "B" RF	3	N 20 46 17.1	E 83 45 56.2
		Dapala RF	7	N 20 45 59.8	E 83 46 11.3
		Penajore RF	12	N 20 37 35.3	E 83 55 29.8
		Total-	**100**		
6	Ghumsur South	Ambadabana DPF near Bariguda	10	N19 36 16.0	E84 35 32.3
		Total-	**10**		
7	**Bonai**	Mendhamaruni	30	N21.809	E84.914
		Total-	**30**		
8	Baripada	Balijodi	5	N22.178972	E86.629759
		Sansanadi	10	N22 10 51.9	E86 37 57.6
		Kalama RF	5	N21.35838	E86.56315
		Sirathali RF near village Nuasahi	5	N21.63724	E86.69381
		Total-	**25**		
9	Bolangir	Santika, Pathargarh RF	20	N20 54 00.8	E83 28 40.6
		Suliamal VF	20	N20.86846	E83.21614
		Total-	**40**		
10	Rayagada	Ladakhaman, Ladakhaman RF	5	19.478092	83.072066
		Renga, Renga RF	5	19.298428	83.127318
		Mandibisi, Mandibisi PRF	20	19.392673	83.174758
		Limadar, Revenue Land	15	19.207491	83.118198
		Perpa, Lelliguma RF	15	19.270002	83.149494
		Bankamboo, Kodinga PRF	15	19.092319	83.074851
		Gobarghati, Lelliguma RF	15	19.194876	83.184816
		Patalamba, Kansular RF	10	19.526850	83.345840
		Total-	**100**		
11	Koraput	Malimunda	30	N 18.87991	E 82.83136
		Kutraghati	15	N18.878894	E83.001023
		Chanabada	15	N18.98805	E82.93644
		Sedamaudi	15	N 18.51937	E 83.01743
		Sarabati	15	N18.524090	E82.75929
		Kitwa	30	N18.46045	E82.67340
		Guneipoda	14	N 18.5673762	E 82.5331628
		Matikhal	16	N 18.53162	E 82.43633
		Total-	**150**		
12	Jeypore	Ganrabeda	5	18.8738504	82.2939748
		Bhalubeda	15	18.7195267	82.35274
		Musapadar	15	18.672135	82.3329883
		Dabuguda	10	19.0955707	82.5783705

		Sangudora	5	18.9921167	82.7025583
		Ghatmondar	10	19.1256567	82.8249983
		Putpadar	10	18.7424472	82.2075624
		Baliguda	10	19.012025	82.2696417
		Bhatapani	10	18.9069467	82.2917817
		Rexakonadi	10	18.9634533	82.336505
		Total-	**100**		
13	Nabarangpur	Bankasargi RF	10	N19 21 50.3	E82 34 28.7
		Barli RF	10	N19.52430	E82.56263
		Birisadi (Torenga RF)	10	N19.46803	E82.15021
		Baghbeda (Beheda RL)	10	N19.83699	E82.21020
		Haldi	10	N19.97892	E82.20342
		Total-	**50**		
14	Malkangiri	RSC-6	10	18.12238	82.065780
		Goudagurei	5	18.11354	82.074890
		Palem	15	18.15987	82.324090
		Hantalguda	25	18.20518	82.308420
		Janturai Baldiaguda	15	18.23538	82.294410
		Tantaguda	10	18.16113	82.289490
		Hataguda	5	18.09974	82.223130
		Pilakusumi	10	18.304373	82.138005
		Total-	**95**		
		Grand Total-	**1050**		

Annexure-III-XXII

Site Wise details of Phasi Plantation @1600 Plants/Ha. 2nd Year Maintenance under AR Plantation

Sl No.	Name of the Division	Location	Area in Ha.	Geo-coordination	
				Latitude	Longitude
1	Boudh	Fakirpur	5	N 20 42 12.3	E 84 23 56.6
		Nagapali	5	N20 47 05.4	E 84 08 15.5
		Sindurpur VF	10	N20 45 45.3	E83 51 09.1
		Sankarpur VF	10	N20 45 31.9	E83 52 24.2
		Kharbhuin RL	5	N20 35 24.7	E84 32 05.1
		Laxmanpur RL	5	N20 35 06.5	E84 30 49.4
		Deogaon VF	5	N 20 26 56.7	E 83 37 40.2
		Sanmanamunda VF	5	N 20 44 24.8	E 83 49 00.7
		Total -	**50**		
2	Ghumsur South	Sarabadi	10	N19.695482	E84.456666
		Raipada RF near Bajraguma	10	N19 704454	E84.500389
		Total -	**20**		
3	Rairangpur	Gunduria	5	N22 04 47.23	E86 12 37.40
		Total -	**5**		
4	Subarnapur	Kaudiamunda	10	N21.12694	E83.65222
		Total -	**10**		
		Grand Total-	**85**		

Annexure-III-XXIII

Site Wise details of River Rejuvenation Plantation @1600 Plants/Ha. 2nd Year Maintenance under AR Plantation

Sl No.	Name of the Division	Location	Area in Ha.	Geo-coordination	
				Latitude	Longitude
1	Cuttack	Ranapur	10		
		Sahadasuni	10		
		Total-	**20**		
2	Puri WL	Samarei Sasan Bhargabi river	5	N-20^0 5’ 53’’	E-85^0 52’ 0’’
		Dighalo, Kushabhadra river	10	N-20^0 1’ 48’’	E-86^0 0’ 20’’
		Total-	**15**		
3	Subarnapur	Panimura	25	N20 44 25.5	E83 44 53.5
		Seledi	20		
		Total-	**45**		
		Grand Total-	**80**		

Annexure-III-XXIV

Site Wise details of Bald Hill Plantation @1600 Plants/Ha. 2nd Year Maintenance under AR Plantation

Sl No.	Name of the Division	Location	Area in Ha.	Geo-coordination	
				Latitude	Longitude
1	Athgarh	Baniabandha RF,C/8 under Khuntuni Range	20	20 59 48.1	85 77 32.4
		Baniabandha RF,C/12 under Khuntuni Range	10	20 36 31.0	85 47 54.0
		Total	**30**		
2	Nayagarh	Kurala DPF	15	19.9957	84.890072

		Barabanka PRF	20	20.199009	85.152587
		Barabanka PRF	10	20.19564	85.143784
		Total	**45**		
3	Phulbani	Daisara RF (Majhipada)	10	N 20 22 45.4	E 84 06 14.7
		Total	**10**		
4	Baliguda	Ushabali	10	19 57 13.9	83 39 51.2
		Gudugudа	5	19 57 15.1	83 39 55.7
		Kandhadharakot	5	19 44 03.2	83 45 24.5
		Landamada	5	19 44 36.9	83 48 48.0
		Kranja	15	19.8615367	83.6502733
		Pikusi	10	19.9447	83.6548
		Girisaska	5	19.9641733	83.5804117
		Linepada	5	19 55 00.2	84 06 43.2
		Sulumaha	5	19 58 10.5	84 05 49.1
		Bdahakia	10	19 55 48.6	83 57 59.1
		Total-Bald Hill 2nd year	**75**		
5	Boudh	Kirla RF	5	N 20 48 27.0	E 83 50 01.4
		Mankadakhesa RF	5	N20 47 18.5	E83 54 57.3
		Total	**10**		
6	Ghumsur South	Sulidaguda DPF near Kendupalli	10	N19 38 37.5	E84 33 23.6
		Ambadabana DPF near Sardhapur	10	N19 36 35.1	E84 35 14.7
		Total-	**20**		
7	Berhampur	K. Khududi	10	19 14 05.9	84 34 29.7
		Komonda	20	19 32 03.0	84 59 17.9
		Deulapalli	10	19 33 16.0	84 56 23.6
		Total-	**40**		
8	Parlakhemundi	T.R Colony (Ramagiri)	10	19.07344	84.28095
		Kankadaguda	10	N- 19.166117	E- 84.178482
		Athabakhara	10	N-19.524814	E-84.123408
		Total-	**30**		
9	Sambalpur	Jamadarpali VF	15	21°33'16.49"N	83°57'48.04"E
		Total-	**15**		
10	Sundargarh	Mudharkhet KF	10	N22 04.015	E83 37.938
		Total-	**10**		
11	Rourkela	Lindidiri RF	10	N22 28 52.02	E85 02 46.80
		Andhari KF	10	N22 23 30	E84 41 35
		Total-	**20**		
12	Deogarh	Kankarkhol PRF near Kankarkhol	10	N21.33736	E84.69277
		Kankarkhol PRF near Badakudar	10	N21.34354	E84.76370
		Total-	**20**		
13	Kalahandi North	Pajipata	10	N19.880258	E83.24306
		Tikrapada	5	N19.85586	E83.124756
		Singjharan	5	N19.906717	E83.091226
		Pendramal	20	N20.0916333	E83.03166
		Daspur	10	N19.9731693	E82.8498158
		Sirabahal	10	N20 07 19.0	E83 37 01.2
		Total-	**60**		
14	Kalahandi South	Derguda, Singari RF	20	N19.55808	E82.92750
		Tiklipadar	15	N 19 24 17.3	E 82 51 10.3
		Bhalujore	10	N 19.3545033	E 82.7216083
		Pabli	10	N 19 25 37.4	E 82 43 40.9
		Khaliapada	10	N 19 26 19.9	E 82 51 45.2
		Kumdidongar	10	N19 46 43.1	E82 43 36.1
		Jharbandh KarliPRF	25	N19 45 13.9	E82 57 19.5
		Total-	**100**		
15	Subarnapur	Dubla	20	N20 38 44.4	E83 39 38.5
		Total-	**20**		
16	Bolangir	Gudkhapala	20	N20.549296	E83.537437
		Tandamunda	10	N20.604864	E83.506324
		Mamia Dangar -	13	N20.23517	E82.87614
		Gandharla Dedangar VF	10	N20.19943	E82.89054
		Dedgaon Dangar	7	N20.25397	E82.90327
		Sindhekela Dangar	5	N20.23829	E82.94584
		Dumdumi & Dumdumi VF	10	N20 52 15.0	E83 28 33.3
		Total-	**75**		
17	Khariar	Gohirapadar	10	N20.32326	E82.59416
		Chacharabhata-Chereipani PRF	10	20.085861	82.700509
		Total-	**20**		
18	Rayagada	Talarambha, Bijaynagar PRF	10	19.480590	83.246890
		Argenda, Sajja RF	10	19.425560	83.364250
		Kutingguda, Karajholla DPF	10	19.144053	83.188129
		Sanapodia , Buduni RF	20	19.255610	83.442168

		Phulkona, Gumma RF	10	19.206104	83.277014
		Parabadi, Rambu DPF	10	19.271360	83.321020
		Thutibar, Lelliguma RF	15	19.207491	83.118198
		Kichikhal, Lelliguma RF	15	19.242007	83.216380
		Sikakona, Ottang DPF	20	19.291627	83.219612
		Ladakhaman, Ladakhaman RF	10	19.480061	83.070681
		Kandabindha, Kandabindha RF	10	19.368711	83.068421
		Panasaguda, Durupai PRF	10	19.395951	83.256465
		Total-	**150**		
19	Koraput	Bhanjapadar	20	N 18.83927	E 82.86941
		Upper Kutinga	20	N 19.057621	E 83.164637
		Dumdangar	20	N19.085920	E83291030
		Godraguda	10	N18.891530	E83154240
		Lamtapadu	10	N 18.51984	E 83.01346
		Marua	10	N 18.55163	E82.83496
		Sarabati	10	N18.525744	E82.764552
		Banjhalaput	10	N 18.39509	E 82.69076
		Devatiguda	5	N 18.42483	E 82.73194
		Jamuguda	10	N18.44882	E83.04602
		Kudasing	5	N 18.44503	E 82.73387
		Andreguda	20	N 18.25925	E 82.62201
		Total-	**150**		
20	Jeypore	Dhanibalsa	20	18.6580667	82.318115
		Rajamunda	10	18.6692533	82.3299833
		Dabuguda	10	19.1173117	82.5876417
		Hardoli	10	19.1173117	82.5876417
		Chitikasil	10	19.1247483	82.8301333
		Kechla	10	18.6916265	82.2596228
		Total-	**70**		
		Grand Total-	**970**		

Annexure-III-XXV

Site Wise details of Fodder & Fruit Plantation @1600 Plants/Ha. 2nd Year Maintenance under AR Plantation

Sl No.	Name of the Division	Location	Area in Ha.	Geo-coordination	
				Latitude	Longitude
1	Dhenkanal	Kapilash RF near Kolha	10	20.67776	85.88689
		Total-	**10**		
2	Phulbani	Talarimaha PRF (Saka)	5	N 20 12 30	E 84 23 50
		Total -	**5**		
3	Rourkela	Jibikaposh (Sialikudar)	5	N21 54 58.5	E84 51 29.6
		Ajeikela VF	3	N22 20 52.20	E85 04 38.39
		Datni RF	2	N22 17.58	E84 34.67
		Purnapani RF	5	N22 25 27	E84 49 40
		Total-	**15**		
4	Rayagada	Karanjapadar, Andharlima PRF	5	19.387990	83.736110
		Siblingpur, Andharlima PRF	5	19.356190	83.728090
		Dalama, Bhimpur Ext. RF	10	19.269008	84.003435
		Dahagudi, Dangasarada PRF	10	19.547500	83.646944
		Total-	**30**		
		Grand Total-	**60**		

Annexure-III-XXVI

Site Wise details of Casuarina Plantation @2500 Plants/Ha. 2nd Year Maintenance under AR Plantation

Sl No.	Name of the Division	Location	Area in Ha.	Geo-coordination	
				Latitude	Longitude
1	Puri WL	Tikina	10	N-19° 51' 42"	E-86° 1' 16"
		Palanka	10	N-19° 44' 12.714"	E-85° 39' 27.846"
		Chapamanika	20	N-19° 44' 28.2696" N-19° 44' 26.0556"	E-85° 39' 58.2156" E-85° 39' 58.4676"
		Total	**40**		
2	Rajnagar WL	Hetamundia PRF	12	20° 19' 24"	86° 43' 35"
		Total	**12**		
3	Chilika WL	Rambhartia PRF	35	N-19.67478784 N- 19.660545	E-85.53112881 N-85.497835
		Berhampura PRF	15	N-19.583463 N-19.37' 21"	E-85.337009 E- 85.24'24"
		Total	**50**		
4	Berhampur	Boxipalli	10	19 15 02.0	84 53 52.6
		Gokharakuda	10	19 22 54.6	85 04 50.3

		Total	**20**		
5	Balasore WL	N.M.Padia	15	21^0 34' 09"	87^0 23' 40"
		Kasafal	10	21^0 30' 58.5"	87^0 08' 03.4"
		Talapada	10	21^0 18' 43.94"	87^0 53' 30.09"
		Total	**35**		
		Grand Total-	**157**		

Annexure-III-XXVII

Site Wise details of Mangrove Plantation @2500 Plants/Ha. 2nd Year Maintenance under AR Plantation

Sl No.	Name of the Division	Location	Area in Ha.	Geo-coordination	
				Latitude	Longitude
1	Puri WL	Kadua River	8	N-19° 54' 40.9608"	E-86° 12' 55.9296"
		Total	**8**		

Annexure-III-XXVIII

Site Wise details of Mangrove (Hypocotyle) Plantation @4445 Plants/Ha. 2nd Year Maintenance under AR Plantation

Sl No.	Name of the Division	Location	Area in Ha.	Geo-coordination	
				Latitude	Longitude
1	Rajnagar WL	Maharabanka	10	20° 35' 5.20"	86° 51' 13"
		Jogidhanakuda	100	20° 18' 25"	86° 41' 41"
		Total	**110**		
2	Bhadrak WL	Gopabandhu Nagar	7	N 21.03196	E 86.878492
		Garmal PRF	8	20.79333	86.91694
		Total	**15**		
		Grand Total-	**125**		

Annexure-III-XXIX

Site wise details of ANR Plantation @ 200Plants/Ha 3rd Year maintenance

Sl No.	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
		Anlabereni 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 Banjhiama 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	Jamboo 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**		
13	Gh. South	Kantakhol DPF near Khukunidapalli	35	N19 42 50.6	E84 33 18.34
		Suliagada DPF near Kendupalli	40	N19 35 11	E84 31 57
		Panchubhuti A RF Compt.1 near Panchuphuti	50	N 19 56 29.7	E 84 50 41.6
		Panchubhuti A RF Compt.3	25	N 19 55 10.5	E 84 53 59.7
		Jholary DPF	25	N 19 44 44.3	E 84 44 28.3
		Kumarsuni RF near Patharapalli	25	N 19 51 10.6	E 84 39 22.2
		Kiriamba RF Compt. No.5	50	N 19 51 22.3	E 84 53 47.4
		Kiriamba RF Compt. No.3	25	N 19 52 24.7	E 84 55 43.0
		PurunapaniDabburiaPRF near Banthapalli	50	N19 40 30.1	E84 51 26.2
		Inside Pandripada RL near Kendubadi	25	N19 45 31.0	E84 56 30.9
		Mundapita R.F, Compt. No.2 near Saketapali	45	N 19 44 55.6	E 84 21 07.5
		Raipada RF, Compt. No.1 near Nuakhillabadi	30	N 19 44 16.2	E 84 27 04.1
		Gunakhala	75	N 19 37 38.0	E 84 19 27.0
		Total-	**500**		
	Gh.North	Gallery RF C/1	50	N20 00 59.9	E84 29 44.0
		Rambha RF C/1	50	N20 05 01.3	E84 29 40.5
		Gallery RF C/5	50	N19 59 03.4	E84 32 47.2
		Darapangia RF C/9	50	N20 02 17.7	E84 27 27.9
		Kalimba RF C/4	50	N19 50 40.8	E84 32 58.8
		Gallery RF C/18	50	N20 04 05.5	E84 44 31.0
		Dimirijholi RF C/1	50	N20 07 25.2	E84 32 27.4
		Paichalia RF C/03	100	N20 07 16.5	E84 47 07.2
		Ghogada RF C/01	50	N20 12 33.2	E84 46 55.0
		Total-	**500**		
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**		
15	Parlakhemundi	Subarnagada	50	19.42715	84.42706
		Dhadiamba	50	19 20 14.2	84 15 41.3
		Mahulapada	50	19 33 54.37	84 19 44.94
		Sindhiba	60	19.040900	84.030400
		Sukei	40	18.947600	84.015100
		Sanatundi	25	18.966665	84.128648
		Konduru	80	18 49 55.9	83 56 15.7
		Gokula	20	18 50 7.4	83 55 31.4
		Lengtaguda	50	18.95036927	83.8720401
		Aliganda	50	19.5286	84.1657
		Bhurudi	50	19.49412	84.124403
		Nalaghat	50	19.477422	84.056203
		Tureisahi	50	18 53 57.5	84 16 22.8
		Sekharapur	50	18 48 26.3	84 20 19.3
		Dambapur	50	18.95319	84.16269
		Tarava	50	19.131	84.1921
		Ketungopada	50	19.09991	84.10167
		Antarada	50	19.1188	84.0477
		Mandalsahi (Poipani)	50	19.1896	84.3257
		Gadara	50	19.2324	84.2336
		Total-	**975**		
16	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**		
17	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**		
18	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**		
19	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**		
20	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**		
21	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**		
22	Rourkela	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
		Rutkupedi 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**		
23	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**		
24	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**		
25	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**		
26	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-	**900**		
27	Balesore WL	Inside Kuldiha RF	50	21.426333	86.593022
		Total-	**50**		
28	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**		
29	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
		Budelguma	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
		Singjharan	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**		
30	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**		
31	Subarnapur	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
		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**		
32	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
		Dhaurakhaman	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**		
		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
33	Khariar	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**		
34	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**		
35	Rayagada	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
		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**		
36	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	182355.0	824209.0
		Andraguda RF	50	181803.4	823831.1
		Anumanjar PRF	50	18.50641	82.54085
		Ghodabeda PRF	50	18.56990	82.48096
		Total-	**600**		
37	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**		
38	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**		
39	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**		
		Grand Total-	**35515**		

Annexure-III-XXX

Site Wise details of AR Plantation @1600 plants/Ha 3rd 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	Cuttack	Binchana PF near Chhagharia	10	20 39 07.0	85 58 14.8
		Mahakhala	30	20 43 39.3	86 03 53.8
		Total-	**40**		
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**		

	Baliguda	Kanjalagu-I	5	20 19 42.6	83 44 08.4
		Kanjalagu-II	5	20 20 06.7	83 43 27.2
		Kalupushangi	5	20 18 57.6	83 43 11.6
		Kutiguda	5	20 12 21.8	83 48 14.5
		Lenguri	10	20 12 35.6	83 46 30.4
		Sundaradanda	10	19 52 13.0	84 05 31.5
		Kerlemaha	5	19 39 19.47	84 58 24.80
		Dhusarigaon	10	19 42 19.47	83 58 24.80
		Sramgudi	5	19 42 50.16	83 11 00.61
		Total-	**60**		
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	Bhusapadara	10	19.197667	84.677972
		Total-	**10**		
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**		
12	Rairangpur	Badara	7	22.288222	86.205500
		Dangapani	15	22.405028	86.236056
		Badmouda	13	22.331194	86.259611
		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
		Nagjhori	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	Rayagada	Komtalpeta	20	19.231797	83.431326
		Taramala	10	19.152400	83.897400
		Budamundi	5	19.213000	83.891300
		Malapadar	5	19.170100	83.950000
		Balipanga	10	19.392750	83.814258
		S.Pandraguda	5	19.317778	83.941750

		Total-	**55**		
20	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
		Batasar 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**		
		Grand Total-	**1490**		

Annexure –III-XXXI

Site Wise details of Baldhill@1600Plants/Ha 3rd Year maintenance

Sl No.	**Name of Division**	**Location**	**Area in Ha.**	**Geo-coordinates**	
				Latitude	**Longitude**
1	Athgarh	Baniabandha RF,C/8 under Khuntuni Range	20	20 59 48.1	85 77 32.4
		Total-	**20**		
2	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**		
4	Phulbani	Archangi B RF(Near Tengeri)	10	20 20 51.4	84 28 54.0
		Total-	**10**		
4	Baliguda	Gohili	10	20 02 45.8	83 38 53.3
		Kahampadi	10	20 00 16.6	83 44 43.4
		Tahipada	5	19 57 09.2	83 44 42.3
		Gacherigan	5	19 58 45.5	83 40 31.1
		Duringi	10	19 47 59.8	83 45 45.9
		Pabangaon	10	19 52 51.9	83 42 42.7
		Bandiguda	10	19 49 43.0	83 49 13.2
		Guchhuka	10	19.9182	83.6565
		Gambhari	10	19.891718	83.6409062
		Birighati	10	20.0183	83.5672
		Alimaha	10	19 57 43.5	83 55 52.4
		Total-	**100**		

5	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**		
6	Berhampur	K.Khududi	10	N19 14 05.9	E84 34 29.7
		Badua	10	N 19.254700	E 84.501400
		Nakamudia	10	N 19.208100	E 84.636200
		Total-	**30**		
7	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**		
8	Baripada	Baunsiapat VF	10	22 16 8	86 36 35
		Total-	**10**		
9	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***		
10	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***		
11	Subarnapur	Chandli	65	20.9 06 07	84.1 29 04
		Total-	***65***		
12	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***		
13	Khariar	Sardhapur	10	20 12 26.5	82 47 25.1
		Total-	***10***		
14	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***		
15	Koraput	Janthaput Guduri	5	18 22 58.6	82 39 52.3
		Total-	***5***		
16	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***		
		Grand Total-	**1326**		

Annexure –III-XXXII

Site wise details of Bamboo Plantation@400Plants/Ha 3rd 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 RF Comptt No-10	30	20 45 53.5	84 40 10.16
		Total-	**30**		
3	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**		
4	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**		
5	Gh. South	Badagada A UDPF	5	19 40 30.0	84 19 27.0
		Total-	**5**		
6	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**		
7	Berhampur	Nuagaon	15	19 13 0.9	84 39 17.6
		Chikitigada	15	19 12 41.5	84 37 9.0
		Boripadar	20	19 11 48.7	84 30 15.7
		Total-	**50**		
9	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**		
10	Sambalpur	ChhamundaKusumura RF	**50**	21 20 12.08	84 08 19.36
		Total-	**50**		
11	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**		
12	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**		
13	Bamara WL	Add. Kansar RF (Near Bandhabhuain)	50	21 30 52.39	84 20 46.06
		Bandhabar	20	22 2 10.7	84 23 43.8
		Total-	**70**		
14	Rourkela	N.Sukuda RF	50	22 22 39.0	85 04 50.9
		Total-	**50**		
15	Balesore WL	Tenda	10	21.48242	86.70111
		Total-	**10**		

16	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***		
17	Khariar	Mahulpada	20	20 18 53.71	82 34 21.4
		Redhamal	75	20 20 6.29	82 31 32.3
		Total-	***95***		
18	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***		
19	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***		
20	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***		
		Grand Total-	**1370**		

Annexure-XXXIII

Site wise details of Miyawaki Plantation@8000 Plants/Ha of 3rd Year Maintenance

Sl No.	Name of the Division	Location	Target in Ha.	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-XXXIV

Site wise details of Fodder & Fruit Bearing Plantation@1600 Plants/Ha 3rd Year Maintenance

Sl No	Name of the Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	**Longitude**
1	Athmallik	Handapa RF Compt. No.1	20	20.995233 20.995276 20.995340 20.9906354	84.731946 84.734586 84.737715 84.730478
		Total-	**20**		
2	Athgarh	Sukasan RF under Athgarh Range	10	20.46205667	85.69198167
		Nagatota RF under Badamba Range	5	20 27 47.0	85 18 26
		Tareiganda RF under Badamba Range	10	20 26 11.0	85 21 35.0
		Total-	**25**		
3	Bonai	Dhenkiam RF	10	21 59 54.5	84 49 43

		Sirigida RF	10	22 00 17	84 34 21
		Toda RF	10	21 53 1.06	85 06 20.55
		Raipiri PRF	10	21 53 9.48	84 37 40.23
		Budhapahad KF	10	21 42 52.4	84 56 52.7
		San-dalki KF	10	21 39 24.2	84 45 39.7
		Total-	**60**		
		Grand Total-	**105**		

Annexure-III-XXXV

Casuarina plantaion @2500Plants/Ha 3rd Year Maintenance

Sl No	Name of the Division	Location	Area in Ha.	Geo Co-ordinate	
1	Puri WL	Sahan PRF, Coupe No IX Part I	46.1	19 57 28.71	85 20 52.71
		Total-	**46.1**		

Annexure-III-XXXVI

Conservation of RET Species (with Gap) plantaion@200 Plants/Ha 3rd 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**		

Annexure-III-XXXVII
Conservation of RET Species plantaion without Gap 3rd 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**		
3	Rairangpur	Bidubhandar PRF	50	N22.168612	E86.497179
		Total-	**50**		
		Grand Total-	**70**		

Annexure-III-XXXVIII

4th Year Maintenance of ANR Plantation @ 200 Plant/Ha

Sl 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	Godabuloa 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 19 52 20.16 19 51 38.32 19 51 41.37	86 01 17.44 86 01 28.93 86 01 21.91 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
		Lendrikia 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	19 21 32.9	84 40 38.1
		Baniamari	50	19 14 24	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	19 04 27 262

				84 26 09 68	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***		
2	Karanjia	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
		Singhjharan	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**		
2	Kalahandi South	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
		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
		Bajikhol	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
		Sindhol	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
		Dhaurakhaman	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**		
1	Rayagada	Arbi PRF	150	19.331570	83.514870
		Buduni PRF	70	19.277640	83.440800
		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
		Dangarapalli	20	18.9644	82.3488
		Total-	***400***		
4	Nabarangpur	Kantasaru, Maidalpur PRF	100	19.47747	82.627
		Kantasaru, Maidalpur PRF	50	19.50347	82.63178
		Merei- Maidalpur PRF	50	19.43986	82.64669
		Kusumbandh VSS-Baigam RF	50	19.51192	82.42582
		Singhiguda PRF	50	19.39772	82.35708
		Batasar 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***		
5	Malakangiri	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
		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***		
		Grand Total-	**39900**		

Annexure-III-XXXIX

4th 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	19 425 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	2047 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, Bhaliamala 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	20	19 18 44.1	84 32 84.0
		Total-	**20**		
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
		Bijaghati	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
		Kochegam (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**		
		Grand Total-	**1,500**		

Annexure-III-XL

4th 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 PRF	10	18.998292	84.812608
		Total-	**10**		
1	Keonjhar	Padmapur RF --Patna Range	10	21 43 33.7	85 47 20.3
		Total-	**10**		
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
		Total-	***40***		
		Grand Total-	**875**		

Annexure-III-XLI

4th Year Maintenance of Fodder & Fruit Bearing@1600 Plnts /Ha

Sl 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
		Total-	**10**		
2	Cuttack	Dalijora RF	5	20 37 25.1	85 51 46.5
		Total-	**5**		
3	Nayagarh	Bankamunda RF C/I	11	20.4366	84.97999
		Pokharigochha RF Comptt No.5	5	20.1435	84.4639
		Total-	**16**		
4	Sundargarh	Gurabasa (Kusapara)	10	N22.0681	E84.0919
		Deulidihi KF	6	N22 1578	E83 7533
		Total-	**16**		
5	Rourkela	Ushra KF	10		
		Birda KF	10		
		Kacharu KF	10		
		Tumkela VF	15		
		Sagadia posh VF	10		
		Bandannali	10		
		Katepur DPF	10		
		Sorda KF	20		
		Bhadarpur KF	20		
		Jaidega KF	13		
		Faguapada KF	10		
		Total-	**138**		
6	Klahandi North	Goudkela	20	N20 10 47.2	E83 34 52.1
		Pipadi	10	N20 06 28.6	E83 33 35.4
		Total-	**30**		
7	Kalahandi South	Phatkajore	20	N19.7526	E82.0722
		Total-	**20**		
8	Subarnapur	Arda	70	N20.58451	E83.66762
		Total-	**70**		
9	Bolangir	Manupali-Ghati RF	4	N20 56 49.7	E83 30 13.4
		Total-	**4**		
10	Khariar	Jogbhata-Adipita PRF	20	N20.179700	E82.466000
		Siallati-Koilakhala PRF	16	N20.07080	E82.54042
		Botha	15	N20 55 27.1	E82 37 31.3
		Barakothi	10	N21 01 41.7	E82 40 41.6
		Total-	**61**		
	Rayagada	Milkaponga Saradhapur RF	5		
		Total-	**5**		
2	Jeypore	Janiguda	10	19.06689	82.507903
Total-			**385**		

ANNEXURE-III-XLII

4th Yr. Maint. Of MIYAWAKI PLANTATION @8000Plants/Ha					
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	1	N 18.22727	E 82.08529
		Grand Total-	**4**		

Annexure III-XLIII

4th Yr. Maint. Of RET Specis with Gap @200 Plants/HA

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-XLIV

4th Yr. Maint. Of RET Specis without Gap

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	Mathalaput RF	50	N-18 75 86.65	E-82 93 00.07
13	Jeypore	Ghatagumar PRF	10	18.82241	82.58997
Grand Total-			**799**		

Annexure III-XLV

Amma Jangal Yogana

DIVISION WISE ALLOTMENT FOR MAINTENANCE OF OLD PLANTATIONS UNDER AJY STATE CAMPA APO 2023-24

Sl No.	Name of Divisions	ANR With Gap Plantation (3rd Year Operation) (Rs.7092/- per Ha.)		ANR without Gap Plantation (3rd year Operation) (Rs. 2908/- per Ha.)		ANR without Gap Plantation (4th year Maintenance) (Rs. 1078/- per Ha.)		Total Funds Required (In Rupees)
		Physical (unit/Hactre/ VSS)	Financial (In Rupees)	Physical (unit/Hactre/ VSS)	Financial (In Rupees)	Physical (unit/Hactre/ VSS)	Financial (In Rupees)	
1	Bonai	-	-	682	19,83,256	-		19,83,256
2	Deogarh	550	39,00,600	550	15,99,400	1000	10,78,000	65,78,000
3	Jeypore	1750	1,24,11,000	1750	50,89,000	1000	10,78,000	1,85,78,000
4	Keonjhar	600	42,55,200	650	18,90,200	1000	10,78,000	72,23,400
5	Paralakhemundi	500	35,46,000	500	14,54,000	1000	10,78,000	60,78,000
6	Rourkela	700	49,64,400	760	22,10,080	1000	10,78,000	82,52,480
7	Angul	-		375	10,90,500	1000	10,78,000	21,68,500
8	Balasore(wl)	-		50	1,45,400	750	8,08,500	9,53,900
9	Phulbani	1600	1,13,47,200	1560	45,36,480	2000	21,56,000	1,80,39,680
10	Baliguda	1000	70,92,000	1000	29,08,000	1000	10,78,000	1,10,78,000
11	Koraput	2100	1,48,93,200	2400	69,79,200	1000	10,78,000	2,29,50,400
12	Rayagada	2200	1,56,02,400	2545	74,00,860	1000	10,78,000	2,40,81,260
13	Bolangir	1000	70,92,000	1000	29,08,000	2500	26,95,000	1,26,95,000
14	Kalahandi (N)	2000	1,41,84,000	2200	63,97,600	1500	16,17,000	2,21,98,600
15	Khariar	600	42,55,200	670	19,48,360	2000	21,56,000	83,59,560
16	Bargarh	-		400	11,63,200	1000	10,78,000	22,41,200
17	Bamra (WL)	600	42,55,200	695	20,21,060	1000	10,78,000	73,54,260
18	Keonjhar (WL)	700	49,64,400	800	23,26,400	-		72,90,800
19	Malkangiri	750	53,19,000	750	21,81,000	2000	21,56,000	96,56,000
20	Kalahandi (S)	2000	1,41,84,000	2200	63,97,600	3250	35,03,500	2,40,85,100
21	Nabarangpur	850	60,28,200	850	24,71,800	1000	10,78,000	95,78,000
22	Rairakhol	500	35,46,000	500	14,54,000	1000	10,78,000	60,78,000
	Total	**20000**	**14,18,40,000**	**22887**	**6,65,55,396**	**27000**	**2,91,06,000**	**23,75,01,396**

ANR Withgap @200 Plant per Ha.
(2nd Year Opearation)

Sl No.	Name of Divisions	Total Area in Ha.	Cost of Fertilizer (Rs.560/- Ha)	Complete weeding, Manuring & Soil Working (Rs.1304/- Ha.)	Fire Line Tracing (Rs.978/-Ha.)	Watch & Ward (Rs.3912/-Ha.)	Monitoring, Evaluation,etc. (Rs.338/-Ha.)	Funds Required (In Rupees)
1	Deogarh	550	3,08,000	7,17,200	5,37,900	21,51,600	1,85,900	39,00,600
2	Jeypore	1750	9,80,000	22,82,000	17,11,500	68,46,000	5,91,500	1,24,11,000
3	Keonjhar	600	3,36,000	7,82,400	5,86,800	23,47,200	2,02,800	42,55,200
4	Paralakhemundi	500	2,80,000	6,52,000	4,89,000	19,56,000	1,69,000	35,46,000
5	Rourkela	700	3,92,000	9,12,800	6,84,600	27,38,400	2,36,600	49,64,400
6	Phulbani	1600	8,96,000	20,86,400	15,64,800	62,59,200	5,40,800	1,13,47,200
7	Baliguda	1000	5,60,000	13,04,000	9,78,000	39,12,000	3,38,000	70,92,000
8	Koraput	2100	11,76,000	27,38,400	20,53,800	82,15,200	7,09,800	1,48,93,200
9	Rayagada	2200	12,32,000	28,68,800	21,51,600	86,06,400	7,43,600	1,56,02,400
10	Bolangir	1000	5,60,000	13,04,000	9,78,000	39,12,000	3,38,000	70,92,000
11	Kalahandi (N)	2000	11,20,000	26,08,000	19,56,000	78,24,000	6,76,000	1,41,84,000
12	Khariar	600	3,36,000	7,82,400	5,86,800	23,47,200	2,02,800	42,55,200
13	Bamra (WL)	600	3,36,000	7,82,400	5,86,800	23,47,200	2,02,800	42,55,200
14	Keonjhar (WL)	700	3,92,000	9,12,800	6,84,600	27,38,400	2,36,600	49,64,400
15	Malkangiri	750	4,20,000	9,78,000	7,33,500	29,34,000	2,53,500	53,19,000
16	Kalahandi (S)	2000	11,20,000	26,08,000	19,56,000	78,24,000	6,76,000	1,41,84,000
17	Nabarangpur	850	4,76,000	11,08,400	8,31,300	33,25,200	2,87,300	60,28,200
18	Rairakhol	500	2,80,000	6,52,000	4,89,000	19,56,000	1,69,000	35,46,000
	Total	**20000**	**1,12,00,000**	**2,60,80,000**	**1,95,60,000**	**7,82,40,000**	**67,60,000**	**14,18,40,000**

ANR Without Gap Plantation
(3rd Year Operation)

Sl No.	Name of Divisions	Total Area in Ha.	Fireline Tracing (Rs.326/- ha.)	Watch & ward (Rs.2282/- Ha.)	Contingency (Rs.300/- Ha.)	Funds Required (In Rupees)
1	Bonai	682	2,22,332	15,56,324	2,04,600	19,83,256
2	Deogarh	550	1,79,300	12,55,100	1,65,000	15,99,400
3	Jeypore	1750	5,70,500	39,93,500	5,25,000	50,89,000
4	Keonjhar	650	2,11,900	14,83,300	1,95,000	18,90,200
5	Paralakhemundi	500	1,63,000	11,41,000	1,50,000	14,54,000
6	Rourkela	760	2,47,760	17,34,320	2,28,000	22,10,080
7	Angul	375	1,22,250	8,55,750	1,12,500	10,90,500
8	Balasore(wl)	50	16,300	1,14,100	15,000	1,45,400
9	Phulbani	1560	5,08,560	35,59,920	4,68,000	45,36,480
10	Baliguda	1000	3,26,000	22,82,000	3,00,000	29,08,000
11	Koraput	2400	7,82,400	54,76,800	7,20,000	69,79,200
12	Rayagada	2545	8,29,670	58,07,690	7,63,500	74,00,860
13	Bolangir	1000	3,26,000	22,82,000	3,00,000	29,08,000
14	Kalahandi (N)	2200	7,17,200	50,20,400	6,60,000	63,97,600
15	Khariar	670	2,18,420	15,28,940	2,01,000	19,48,360
16	Bargarh	400	1,30,400	9,12,800	1,20,000	11,63,200
17	Bamra (WL)	695	2,26,570	15,85,990	2,08,500	20,21,060
18	Keonjhar (WL)	800	2,60,800	18,25,600	2,40,000	23,26,400
19	Malkangiri	750	2,44,500	17,11,500	2,25,000	21,81,000
20	Kalahandi (S)	2200	7,17,200	50,20,400	6,60,000	63,97,600
21	Nabarangpur	850	2,77,100	19,39,700	2,55,000	24,71,800
22	Rairakhol	500	1,63,000	11,41,000	1,50,000	14,54,000
	Total	**22887**	**74,61,162**	**5,22,28,134**	**68,66,100**	**6,65,55,396**

Requirement of funds for ANR Without Gap Plantation
(4th Year Operation)

Sl No.	Name of Divisions	Total Area in Ha.	Fireline Tracing (Rs.326/- ha.)	Watch & ward (Rs.652/- Ha.)	Contingency (Rs.100/- Ha.)	Funds Required (In Rupees)
1	Deogarh	1000	3,26,000	6,52,000	1,00,000	10,78,000
2	Jeypore	1000	3,26,000	6,52,000	1,00,000	10,78,000
3	Keonjhar	1000	3,26,000	6,52,000	1,00,000	10,78,000
4	Paralakhemundi	1000	3,26,000	6,52,000	1,00,000	10,78,000
5	Rourkela	1000	3,26,000	6,52,000	1,00,000	10,78,000
6	Angul	1000	3,26,000	6,52,000	1,00,000	10,78,000
7	Balasore(wl)	750	2,44,500	4,89,000	75,000	8,08,500
8	Phulbani	2000	6,52,000	13,04,000	2,00,000	21,56,000
9	Baliguda	1000	3,26,000	6,52,000	1,00,000	10,78,000
10	Koraput	1000	3,26,000	6,52,000	1,00,000	10,78,000
11	Rayagada	1000	3,26,000	6,52,000	1,00,000	10,78,000
12	Bolangir	2500	8,15,000	16,30,000	2,50,000	26,95,000
13	Kalahandi (N)	1500	4,89,000	9,78,000	1,50,000	16,17,000
14	Khariar	2000	6,52,000	13,04,000	2,00,000	21,56,000
15	Bargarh	1000	3,26,000	6,52,000	1,00,000	10,78,000
16	Bamra (WL)	1000	3,26,000	6,52,000	1,00,000	10,78,000
17	Malkangiri	2000	6,52,000	13,04,000	2,00,000	21,56,000
18	Kalahandi (S)	3250	10,59,500	21,19,000	3,25,000	35,03,500
19	Nabarangpur	1000	3,26,000	6,52,000	1,00,000	10,78,000
20	Rairakhol	1000	3,26,000	6,52,000	1,00,000	10,78,000
	Total	**27000**	**88,02,000**	**1,76,04,000**	**27,00,000**	**2,91,06,000**

Annexure-III-XLVI

Fencing and Erection of physical barriers like Solar Fencing, trench fencing etc. including implementation of schemes like Jana Surakshya Gaja Rakshya etc.

SL. No.	Name of the Division	Item of work	Location	Geo-coordinates		Unit (In Km.)
				Latitude	Longitude	
1	Satkosia WL	Elephant Proof Trench	Hatibari to Tikarpada	20.6130 20.6110	84.8117 84.7962	1
			Baghamunda to Dolasingha	20.70855556	84.78241667	1
			Bhrukundi	20.5841	85.0481	1
2	Mahanadi WL	Elephant Proof Trench	Elephant Proof Trench at AP Shed Garsha	20 24 48.9	084 36 45.3	1
			Elephant Proof Trench at AP Shed Bicharpathar	20 26 14.2	084 43 31.7	
3	Athmallik	Elephant Proof Trench	Hatidhara RF Comptt. No. 01 to 10	20.753108	84.67921	3
4	Balasore WL	Elephant Proof Trench	Jharsul to Aguansahi (Soro Range)	21° 20' 44" N	86° 34'14" E	2
				21° 20' 44" N	86° 34'14" E	
			Sanctuary boundary (Kuldiha Range)	21° 25' 39.2" N	86° 38' 53.1" E	1
			Bayarsahi - Gopalpur - Jadibali (Nilgiri Range)	21° 32' 35" N	86° 44'18" E	2
				21° 32' 39" N	86° 44'18" E	
				21° 31' 34" N	86° 44'06" E	
5	Rairangpur	Elephant Proof Trench	Manbir R.F Neer Villlage Manbir & Jarai P.F	22.254312 22.519993	85.997357 86.023902	1
			Bad Jari Village	22.353675	86.304155	1
6	Karanjia	Elephant Proof Trench (Earthen Trench Fencing)	Hatimundi RF	N-21.8776	E-85.99209	2
			Around Dangapani RF	21 86 51.4	86 09 57.6	1
			Banamunda RF	21 26 52.7	86 14 50.7	1
7	Baripada	Elephant Proof Trench	Baripada	21 55 41	86 43 37	2
			Betnoti	21 73 6.33	86 85 2.55	1
			Deuli	22 02 12.1	86 49 06.5	1
8	Keonjhar (WL)	Elephant proof Trench	Rebana RF (Tangiriapal to Ambadhara Nallah)	21.196944	85.90767	2
9	Similipal South	Elephant Proof Trench	SenichaturiSijugharMashinabillaBalidihaNuagaon-IIPhulbadiaHudisahiMalabasaKaniabasaMahabirsalSapanchuaDengamDhobighatJatianiPatbilGhagra-IIBalidarGunduriaTarinibilaGourakanthaMarwadibandha	21°45'38.7"21°44'33.0"22°02'09.0"21°58'16.0"21°45'45.5"21°40'42.0"21°34'20.0"21°37'06.3"21°47'22.6"21°48'07.4"21°45'13.6"21°34'51.8"21°42'41.7"21°41'01.1"21°33'13.2"21°35'15.2"21°38'39.4"21°40'24.1"21041'00.9"21°39'09.0"21°41'15.8"	86°22'44.5"86°25'15.8"86°27'59.0"86°36'45.0"86°31'54.7"86°28'45.0"86°25'24.0"86°14'12.5"86°25'47.2"86°34'15.6"86°29'07.6"86°19'18.2"86°10'27.3"86°14'11.4"86°21'18.2"86°21'03.7"86°24'36.8"86°20'46.5"860 23'50.2"86°25'29.0"86°25'14.7"	5
10	Similipal North (WL)	Elephant Proof Trench	Chahala Beat	21 59 03.8	086 17 34.6	1
			Kairakocha AP Camp	21 53 52.5	086 18 52.7	1
			Karkachia AP Camp	21 58 49.4	086 21 29.6	1
11	Parlakhemundi	Elephant Proof Trench	Labanyagada RF (trench fence)	N 18 48 00.5	E 84 19 01.2	1
12	Subarnapur	Elephant Proof Trench	Duleswar to Gariamunda	N20 54 17.05	E84 15 10.18	1
13	Bolangir	Elephant Proof Trench	Gandhamardan RF, Harishankar	N20 45 46.1	E82 51 57.8	2
			Uparjhar to Tandamunda Matkhai RF, Balangir Range	N20 36 32.3	E83 30 15.9	2
14	Kalahandi North	Elephant Proof Trench	Kamei RF	N20 05 41	E83 25 04	1
			Taparang RF	N20 11 21.8	E83 33 29.9	1
			Benaguda RF	N20 16 17.9	E83 35 22.6	1
15	Kalahandi (S)	Elephant Proof Trench	Biswanathpur	N-19 56 09.9	E-83 22 56.2	2
			Biswanathpur	N-19 50 20.5	E-83 24 59.5	2
			Karlapat Sanctuary	N-19 44 28.0	E-83 08 55.0	1
16	Khariar	Elephant Proof Trench	Sinapali	N20 05 50.7	E82 37 49.4	3
			Haldi PRF	N20 50 01.2	E82 28 35.3	2
17	Chandaka WL	Elephant Proof Trench	Dampara - Pillar No -440 to 451	N-200 19' 39.20"	N-200 19' 12.00"	1
				E-850 38' 24.60"	E-850 38' 11.00"	
			Dampara- Pillar No-184 to 194	N-200 24' 2.50"	N-200 23' 50.70"	1
				E-850 41' 2.10"	E-850 41' 32.90"	
18	Mangrove WL	G.I Fencing	Krushnapriyapur to Jajrajeswarpur-1 KM Debendranarayanpur to Okilapal-1 KM Chitakhola to Pentha-1 KM	20°-33'-42.0" 20°-26'-54.0" 20°-33'-3.5"	86°-50.59.0" 86°-51'-14.0" 86°-44'-42"	3
19	Khurda	Elephant Proof Trench	Khajuripada	20.005559	85.514113	2
			Silingipada	19.903664	85.098151	1
			Mundulidiha	19.879502	85.086737	1
			Dimiribadi to Jiripada	19.9741	85.1941	1

20	Nayagarh	Elephant Proof Trench	Gochha RF C/10	19.94561	85.038717	1
			Sulia RF, C/5	20.074965	85.036987	1
			Baisipalli Extn. IV	20.478857	84.807962	1
21	Bonai	Elephant Proof Trench	Budhapahar RF	N21 43 45.0	E84 42 23.0	2
			Sinduria RF	N21 42 14.0	E84 43 24.0	2
22	Deogarh	Elephant Proof Trench	Barkote Range/ Mandasila RF near Chapabahal	N21 39 14.7	E84 47 03.6	1
			Barkote Range/ Pradhanpat a RF near Chhuriabahal	N21 31 32.32	E84 50 28.78	1
			Barkote Range/ Paudi RF near Saranlote	N21 31 10.81	E85 05 22.80	1
23	Keonjhar (T)	Elephant Proof Trench	Behera Hatting 403/67B to 404/21 - Champua Range	21.980486	85.424511	1
			Bandhuabeda 413/1 to 414/12 - Champua Range	21.924178	85.437279	1
			Apahatu 406/57 to 407/25 - Champua Range	21.963928	85.419481	1
24	Jharsuguda	Elephant Proof Trench	Kolabira & Bagdihi Range	N-21 47 54.4 N-21 55 54	E-84 10 31.7 E-84 11 39.43	2
25	Bamra WL	Elephant Proof Trench	Badjogimunda to Guptijharan	22 08 27.00	84 22 31.00	1
			Bpandupada to Badfiringibahal	22 06 2.01	84 29 21.08	1

Annexure-III-XLVII

Fencing and Erection of physical barriers like Solar Fencing, trench fencing etc. including implementation of schemes like Jana Surakshya Gaja Rakshya etc

SL. No.	Name of the Division	Item of work	Location	Geo-coordinates		Unit (In Km.)
				Latitude	Longitude	
1	2		3	4	5	6
1	Angul	Solar Fencing	Bantala	20.679306	85.188167	2
			Kaniha/Boinda	21.21075	84.98538889	1.5
			Angul(Kulsar Village)	20.84164444	85.09625	2
			Kaniha / Nialu-Lodhajhari- Sapakata RF	21.17472222	84.98836111	1.298
2	Satkosia WL	Solar Fencing	Pampasar	20.7023	84.9478	3
3	Athagarh	Solar Fencing	Khajuripada to Gurudijhatia Road (Solar Fencing) of Khuntuni Range	20 32 41	85 48 22	1
			Suliabanka to Nimasahi Taila of Narasinghpur West Range	20 30 28.7	85.04.25.9	2
4	Cuttack	Solar Fencing	Dalijora Range	20 25 22.25	84 15 18.5	2
5	Balasore WL	Solar Fencing	Basukipitha to Mahisadali (Soro Range)	21° 19' 05.89" N	86° 24' 30.89" E	2
				21° 20' 23.91" N	86° 26'14.44" E	
			Sanctuary boundary (Kuldiha Range)	21° 24' 17.6" N	86° 43' 17.3" E	1
				21° 23' 58.5" N	86° 42' 58.1" E	
			Jharsul to Aguansahi (Soro Range)	21° 20' 44" N	86° 34'14" E	2
				21° 20' 44" N	86° 34'14" E	
6	Keonjhar (WL)	Solar Fencing	Hadagarh Boula RF	21.291544	86.299978	2
			Rebana RF near railway line (Tangiriapal to Panasijharan)	21.198379	85.906331	1
7	Ghumsur (N)	Solar Fencing	JPRF C/1	N-20 03 19.6	E-84 44 30.	1
			JPRF C/2	N-20 03 37.0	E-84 48 06.7	1
			Paichhalia RF C/4	N-20 16 19.5	E-84 47 53.3	1
8	Balliguda	Solar Fencing	Jhiripani	N-19-57-51	E-83-33-6.0	3
			Burlubaru	N-19-54-54.6	E-83-35-55.4	2
9	Kalahandi North	Solar Fencing	Kanabada C/N	N20.144628	E83 .491876	1
10	Chandaka WL	Solar Fencing	Near Hatiasuni	N-20. 304543 E-85.808770	N-20. 314265 E-85.809447	2
			Near Kanyashram	N-20. 331474 E-85.798007	N-20. 326640 E- 85.798341	
			Near Malimuhan	N-20. 316581 E-85.779827	N-20. 311757 E- 85.781493	2
			Near Saurabanka	N-20. 331061 E-85.778381	N-20. 334024 E- 85.773164	
11	Bonai	Solar Fencing	DDPali RF	N21 46 49.2	E84 55 41.9	3
12	Deogarh	Solar Fencing	Paudi RF near Netrabahal to Gurusang	N-21 29 18.28	E-85 07 27.75	2
			Pallahara Range/Saida TN Nursery	N-21 29 01.7	E-85 15 43.4	2
			Rambhadevi RF (Dhlakiposi to Suguda)	N-21 31 57.7	E-84 42 38.60	2
13	Rourkela	Solar Fencing	Mahipani RF, Bisra Range	N22 17 23	E85 05 07	2
			Dalimdihi, Banki Range	N21 59 35.7	E85 02 09.1	1
			Jojotoal to Namahatu, Banki Range	N22 00 49.0	E85 02 44.0	2
			Patipahad RF, Biramitrapur Range	N22 24 48.5	E84 51 05.5	1
			Banglow Pahad RF, Biramitrapur Range	N22 26 17.3	E84 57 24.0	2
			Gopadihi Naditola, Kuarmunda Range	N22 07 31.2	E84 50 57.7	1
			Baunsjhar, Kuarmunda Range	N22 05 16.8	E84 45 21.5	2
14	Sundargarh	Solar Fencing	Mahavir	N-22 10 11.04	E- 84 19 52.04	2
			Badrampia Village	N21 52 28.6	E83 37 07.4	1
			Beheramunda Village	N21 52 38.4	E83 36 16.3	2
15	Hirakud WL	Solar Fencing	Khola Village	21° 39' 10.5"	83° 38' 13.4"	3
			Christianpada to Rujenmal	21° 30' 2.8"	83° 42' 9.6"	3
16	Bamra WL	Solar Fencing	Pandupada to Lalpada	22 08 27.00	84 22 31.00	2
			Charapada to Dubku	22 06 2.01	84 29 21.08	2
			Total:-			**71**

Annexure-III-XLVIII

Maintenance of Boundary of Protected Areas

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In Km.)
			Latitude	Longitude	
1	2	3	4	5	6
1	Dhenkanal	Kapilash	20-42-12.6	85-54-33.4	20
2	Satkosia (WL)	Sisoopathar to Baliput- **8 Km**. Tainsi RF - 3 to Bipradiha- **5 Km.** Tuluka village- **3 Km.** Tikarpada to Hatiari & Majhipada- **10 Km.**	20.57380 20.71341 20.63016 20.59455	84.84561 84.79413 84.91897 84.84477	26
3	Mahanadi (WL)	Banigochha Beat-**5 Km**. Jamuasahi Beat- **5Km** Durgaprasad Beat-**5Km**. Salabhanga Beat-**5Km**.	20 24 12.5 20 24 49.2 20 25 51.3 20 24 50.8	084 35 17.9 084 38 09.5 084 31 23.5 084 40 46.7	20
4	Athmallik	Hatidhara RF (Part of Satkosia TR)	20 43 27.6	84 37 10.7	16
5	Athgarh	Ranibania RF of Khuntuni Range (Part of Satkosia TR)	20 35 59	85 42 51	1
6	Balasore (WL)	Kuldiha Sanctuary boundary (Soro Range)-100 Nos.	21.156423	84.452564	35
7	Keonjhar (WL)	Anandapur (Division office)- **6 Km** Santoshpur RF-**6 Km** Boula Rf (near Kantipal)-**6 Km** Boula RF (near kathakata)-**6 Km**. Boula RF (near Bahia)-**6Km**. Boula RF (near Raighati)-**6 Km.**	21.18816111 21.337465 21.276625 21.26722222 21.249502 21.318291	86.12455556 86.075557 86.214516 86.22544167 86.235518 86.357661	40
8	Similipal North	Gurguria WL Range- 5Km. Kendumundi WL Range-5Km. Talabandha WL Range-5Km. Thakurmunda (WL) Range-5Km. Chahala WL Range-5Km. Nawana (North) WL Range-5Km.	21 56 46.7 21 41 12.0 22 01 45.5 21 31 21.37 21 59 08.8 21 53 39.4	086 04 15.5 086 06 23.0 86 20 38.0 86 09 31.727 086 17 34.6 086 22 33.6	30
9	Similipal South	Bhanjabasa-UBK National Park Podadiha Dukura	21 45 25.05	86 08 15.8	60
10	Balliguda	Kotagarh WL Sanctuary- **25 Km.**	19 53 31.2	83 46 04.2	25
12	Kalahandi South	Jerka RF- **5 Km.** Karlapat-**5Km.** Nehela RF-**5Km**. Jugsaipatna RF-**5Km**.	N-19 43 48.1 N-19 46 19.9 N-19 46 30.0 N-19 44 27.3	E-82 58 00.3 E-83 04 55.8 E-83 09 00.1 E-83 11 57.4	20
14	Sunabeda (WL)	Upkapani to S.N Pur, Gatibeda Forest Block Thalipani To Dhekunpani State boundary line Bangaghati to Malbhata Godhus to Bhaosil Barkot to Badjore	N20 34 52.8 20 28 25 20 35 8 N20 40 01.3 20 28 48 20 32 687	E82 21 03.4 82 22 57 82 32 40 E82 26 23.0 82 23 25 82 32 704	30
15	Puri (WL)	Balukhanda Rf & Balighai PRF	19°49'22.17"N 19°49'29.36"N 19°49'34.25"N 85°51'55.79"E 19°49'35.06"N 19°49'49.25"N 19°50'52.89"N	85°51'32.34"E 85°51'57.15"E 85°51'55.79"E 85°55'5.38"E 85°55'34.08"E 85°56'14.90"E 85°56'1.16"E	12
16	Chillika (WL)	Nalabana- 200 nos. of Concrete pillars	19/42/16.14	85/18/49.89	25
17	Chandaka (WL)	All Ranges			20
18	Mangrove (WL)	1.Barueni-Gahirmtha F.B-4 Kms 2.Singarpurdia F.B-1 Km 3.Barahipur F.B-1 Km 4.Dangmal F.B-4 KMs 5.Ragadapatia F.B-3 Kms 6.Bhitarkanika F.B-5 Kms 7.N.Mahisamada F.B-5 Kms 8.Sanatubi PRF- 2 Kms	20°-31'-20" 20°-31'-11" 20°-38'-48" 20°-45'-01.10" 20°-44'-51.0" 20°-42'-45.6" 20°-45'-12.0" 20°-21'-00.0"	86°-46'-34.5" 86°-45'-58" 86°-54'-32" 86°-51'-27.32" 86°-50'-27.39" 86°-49.35.4' 86°-52'-24.10" 86°-42'-23.00"	25
19	Bamra (WL)	Badrama WL Sanctuary Khalasuni WL Sanctuary	21 23 38.5 21 22 55.6	84 20 40.05 84 19 37.2	30
20	Hirakud (WL)	Khola Chakramal Mundokati Mahul to Rujenmal Junani to Khajuria Kahadhar to Singidhuda	21° 39' 10.5" 21° 39' 04.0" 21° 34' 28.5" 21° 32' 26" 21° 30' 0.5" 21° 35' 48"	83° 38' 13.4" 83° 38' 12.8" 83° 33' 29.5" 83° 43' 14" 83° 42' 10" 83° 42' 29"	15
21	NKZP	NKZP	20 24 40	85 48 13	30
Total:-					**480**

Annexure-III-XLIX

Fire-line creation & maintenance

SL. No.	Name of Division	Location	Unit (In Km.)
1	2	3	4
1	Satkosia WL	Tikarpada RF compt. No. 8 & 3 (Katranga Ghati to Rangakhali- Jhanajhana).	20
		Tikarpada RF compt. No. 1 & 2 (Kaiyanbanka to Jhanajhana).	8
		Kushakhali to Tikarpada Road.	10
		Hatibari to Kandhaida.	8
		Kandhiada - Rangakhali - Jhanjhana.	15

		Karadapada - Hatibari - Kandhaida road.	10
		Majhipada RF comptt No.1, 2 & 3 (Majhipada to Bipradiha) both side.	15
		Majhipada RF comptt No.7 & 8 (Balisahi to Nadapathar both side of Forest road).	15
		Majhipada RF comptt No.4, 6 & 7 (Baladamara to Bidamara).	10
		Kaiyanbanka to Tikarpada Both side of Forest road.	15
		Budhithakurani to Kukurbindha.	6
		Podabhuin to Kahunighasa.	6
		Chelikothi to Hitei.	4
		Majhipada RF compt. No. 1 to 5 , Bipradiha to Baradabani	8
		Majhipada RF compt. No. 1 to 5 , Bipradiha to Baradabani	20
		Tikarpada RF compt. No. 1 & 2 Kainbanka to Jhanajhana	4
		Bidamara to Bipradiha via crossing khola, Majhipada RF-1,2,3	6
		Tikarpada RF compt. No. 5&9 (FRH to Katranga Nalla)	3
		Majhipada RF comptt No.1, 2 & 3 (Bidamara to Bipradiha) both side	15
		Tikarpada RF compt. No. 9 (Katranga Nallah to Katranga ghati)	10
		Majhipada RF comptt No.4, 6 & 7 (Baladamara to Bidamara)	8
		Hatidhara RF comptt No. 24 & 26 (Chanagudi nallah to Nirmala)	15
		Dhangirmota to Sisukhunta- Rangakhali	8
		Hatibari - Gandhiakhali - Tikarpada	13
		Ramgaon Nallah - Katrang - Jhanjhana	10
		Tikarpada - Katrang ghat	15
		Hatibari - Katrang	13
		Kudkudia - Gandhiakhali	15
		Majhipada - Kadalikhola	10
		Ganjandamak to Badasala	7
		Bipradiha - Baghamunda RF Compt.10	15
1	Satkosia WL	Binikei - Majhipada	3
		Labangi section Comptt. No.Balanga -12 to Balanga-11	25
		Binikei - Majhipada	30
		Binikei - Majhipada	25
		Thakiri Amba to Dandamundia Chhaka	20
		Thakiri Amba to Dandamundia Chhaka	10
		Baghamunda to Rundipathara	2
		Baghamunda to Rundipathara	10
		Budhithakurani to Kukurbindha	3
		Podabhuin to Kahunighasa	15
		Ganjanidamak to Dalakhai	4
		Chahatia pada to Patia	6
		Budhikua to Ambakhola Pahada	10
		Ganjandamak to Badasala	10
		8 No chhaka to Dolabasa	8
		Bhimadhara to Patia	12
		Chhotkei to Chuanri via – Kuanali	10
		Patia to Tinimundi	5
		Mahasandhi to Satidarah	20
		Gilsing line to Mahasandhi	12
		Chuanri Boarder to Chuanri camp	20
		Baghamunda to Rangamatia Pahada	15
		Budhikua to Satidarah	8
		Budhikua to Tinimundi	5
		Purunakote to Kaiyabanka	12
		Tuluka to Bhrukundi	10
		Bhrukundi to Kuadoli	12
		Purunakote to Gouranga Khola – Chahatiapada – Chunabhati	10
		Purunakote to Badakheta	6
		Hatigirija to Badadamak	10
		Badakheta to Salor	5
		Badakheta to Kukurbindha	10
		Badakheta to Podabhuin	5
		Patia to Fafeya patu	10
		Asurakhola to Santapindha	5
		Kainyabanka to Asurakhola	7
1	Satkosia WL	B - 1 Rundipathara to B- 6 Bipradiha	9
		Chelikothi to Hitei	7
		Border to Badasimili	8
		B - 6 Raida to B - 8 Baradabani	10
		B - 1 Rundipathara to B- 6 Bipradiha	20
		Belari to Golmaricha Dandi	7
		Rasanda ghati to Barjupiashala	10
		Rasanda Ghati to kuruma damak	6
		Panchaphutia to Kuadoli	10
		Border to Chingudia	4
		Kandhianala to GurandiKhol	5

		Badasimili to Kandhianal	7
		Gurandikhol to Tersingh dandi	3
		Sanajaripa ni to Kuadoli Camp	10
		Sambarpakapatha to Gurandikhol	10
		Siaridamak to Tersingh dandi	8
		Baradamalk to Kanjiakhol	5
		Tersingh to Chingudia	10
		Kendupatha to Dhalunala	6
		Khajurikon Bandha to Kanjiakhol	3
		Kandhianala to GurandiKhol	10
		Kanjiakholo to Majhikhaman to kuadoli Chhack	5
		Pampasar section comptt No. Takarsinga-1, 2, Jukub-2	50
		Kabatabara to Cherupanikhol	50
		Tersingh to Babapahada	50
		Total:-	**1050**
2	Mahanadi WL	Jarighati to Kudangi	20
		2.Bhalukumasani to Gadataila	12
		3.Jumarataila to Bhaliapadar	11
		4.Bramhanidei to Dandamundia	15
		5.Janakajhola to Bhaliakhai	12
		6.Suduru to Dhupamundia	15
		7.Tikilajhar to Kalandimundia	15
		8.Silati to Sektapalli plantation	15
		9.Silati to Paikachhata	23
		10.Sektapalli plantation to Idei ghati	8
		11.Ideighati to Budhaganda	5
		12. Budhaganda to Janakajhola	7
		13. Budhaganda to Sata Mundia tangiri	4
		14.Gandipani Amba to Maghadi	6
		15.Duisingi to Hinjalaganda	28
		16.Hinjalaganda to Kumuri	2
		17.Sanasilinga to Dimiripati	2
		18.Daurabani to Osamaska	3
		19.Pankalsahi to idei ghati	18
		20.Santara to Nekaraganda	19
		21. Pujakara to Rangamatia	8
		22.Karanataila to Baghadhara	6
		23.Pujakara to Bhaliapadar	5
		24. Chaitanya Taila to	15
2	Mahanadi WL	Border to Hatidandi	22
		Mareikandi to valia ganda	15
		Gajaamba to Bijatia	11
		Gambhari uthani to Bidaamba	17
		Goieghati to Asaduakana	15
		Rajabasa to Piasala dandi	8
		Kusumadandi chhaka to Dhari mahula Banka	15
		Tanku khola sikha to Hatibuda sikha	10
		Jhara jahri sikha to asadua Kana	15
		Karanjapani to kalarabanka	9
		Kalapata to Mrugasira Dera	8
		Udandi to Sarangapani dandi	14
		Jarakana to Barakhola Arakhapadara RF C/N. 02	21
		Khausrota to Barakanya	11
		Tinibahia Top to Hatigirija Dandi	13
		Jarijhara Border to Hati Dandi Top	10
		Border to Mankada Rasta	12
		Total:-	**500**
3	Balasore WL	Kuldiha RF, Tenda RF, Devgiri RF inside Kuldiha Wildlife Sanctuary	20
		Devgiri RF Inside Kuldiha Wildlife Sanctuary	75
		Swarnachuda RF, Mitrapur RF, Tinikosia RF, Ajodhya RF & Arabandha RF	95
		Baradiha	50
		Total:-	**240**
4	Keonjhar (WL)	Rebana RF	125
		Atei RF	150
		Santoshpur RF	125
		Boula RF	125
		Total:-	**525**
5	Similipal South	Pithabata(N)	135
		Pithabata(S)	130
		Nawana(S)	117
		Dukura (WL)	100
		Jenabil	138
		National Park	115

		UBK	110
		Bhanjabasa	100
		Podadiha	105
		Total:-	**1050**
6	Similipal North WL	Gurguria WL Range area	105
		Barehipani Section area	70
		Uski Section area	35
		Matighati Beat	88
		Jamuani section	15
		Tulsibani Section	25
		Sansialinai	45
		Kendumundi Range area	65
		Damdar kacha to Sitajharan	40
		Paparida to Badarala	65
		Malobasa Chhak to Malabasa Mancha	24
		Sadananda to Tasarabasa	75
		Talabandha (WL) Range	21
		Chhala Section area	55
		Haldia Section Area	24
		Karkachia Section Area	76
		Mathurakherai Section Area	35
		Nawana North WL Range Area	105
		Total:-	**968**
7	Sunabeda WL	Golabandh to Maraguda Forest Road Both Site	30
		Maraguda to Boirbhadi	20
		Boirbhadi to Talabela	12
		Hilarchuan Nalla To Amamora inter state Boundary line	14
		Gadgada Range Boundray line to Badjhola	15
		Khadang to Badjhoja	25
		Gaigati to Majhagaon	14
		Kendubhata to Kaliajhola	15
		Halauapali to Putkulpada	18
		Maraguda to Budharaja Nall	15
		Golabandh Ghati Nala to Amjhola (Kankermenji)	16
		Golabandh to Ratnikhol	10
		Datunama to Khadang	27
		Kharkhari To Sargipada	10
		Kododongri to Rupiam Range Boundary	15
		Ranimuhas to Loharenghati	10
		Putkulpada to badhunbahali	10
		Bangaghati to Malbhata	15
		Ulat to Boirbhadi	10
		Boirbhadi to Jalkibandh	15
		Dhekunpani To Thalipani	30
		Gadgarda To Kebridiam	13
		Bangaghati to Makarchuan (Beat comp. line)	20
		Kendubhata to Kholigaon	25
7	Sunabeda WL	Kermeli to KanKermenji	20
		Kermeli to Tanwat ghati Road Both side	10
		Talabela to Jalmodei	15
		Talabela to Rupiam	21
		Datunama To Sanctuary Boundry line	15
		Kadang To Datunama	25
		Datunama To Mahulguda	15
		Rupiam to Jalmadei Boundary Line	15
		Malbhata to Barkot	19
		Chereichuan to Badhunbahali	18
		Patkhalia to Kaliajhola	17
		Tirkhuti to Kaliajhola	16
		Total:-	**610**
8	Puri WL	Ramachandi FS	20
		Bhagabati FS	15
		Liakhia PRF	5
		Chandrabhaga FS	12
		Isaneswar FS	13
		Kurujanga FS	18
		Guhalpur FS	10
		Golara PRF	8
		Nadiamatha PRF	10
		Konark FS	15
		Manguleswar FS	10

		Daluakani Beat Area	9
		Sahan Beat Area	10
		Muhanamuha Beat-I & II	8
		Gangadevi Beat	10
		Jahania Beat	12
		Gundalaba Beat	5
		Panichhatra Beat	10
		Total:-	**200**
9	Chilika WL	Rambha, Tangi, Chillika & Satpada	200
		Total:-	**200**
10	Chandaka WL	Sunakhani DPF	25
		Akhanga PF	15
		Kujimahal Charichhak to SBP 1130- kumarkhunti Charichhak to Banara	35
		Sunaribari to Dist Border	10
		Firikinali to Kumarkhunti Charichaka	12
		Godibari – Kumarkhunti	25
		Chhatian to Kheluachua	14
		Ambakhali to Kheluachua	22
		Godabhanga Tangar- Mahuriabari	31
		Godibari to Bhalumundia	18
		Katurighasa to Jhumuka	9
		Pathanagula to Kumarkhunti khunti Charichhaka	37
10	Chandaka WL	Chudanga WT to Bp no. 1309-	12
		Patharhandia to Banra SBP no 115	23
		Pitagadia to Dalakhai	19
		Bualigarh to Naharathali Hilltop	13
		Charichhak to Dampara Tri-junction via District Boundary	17
		Chandaka RF	25
		Bhola RF	22
		Bhola PF	15
		Dalua PF	27
		Barapita RF	15
		Chudanga RF	20
		Deras PF	7
		Tarakei Rf	14
		Bantala PF	10
		Ratanpur DPF	9
		Bharatpur RF	15
		Total:-	**516**
11	Bamra WL	Badjogimunda to Bamra & Sundargarh Division border	10
		Kajli KF	10
		Bandhabar RF	5
		Kulenjharan to Goeljhumpa	10
		Jamkunha	10
		Parmanpur KF	5
		Dongajore KF	5
		Kinabaga Mahasima line	5
		Kinabaga & Fuldumer Beat boundary line	5
		Sagarpali Mahasima line	5
		Rabandihi RF	5
		Jharsuguda Border (Bamra WL Range)	10
		Sisal Farm Adjoint area	10
11	Bamra WL	Rangiatikra to Sagarpali	10
		Charchuan to Gardega	10
		Charchuan to Rajabasa	10
		Mansaru to Kaijharan	10
		Birdabahal to Dhudikani	10
		Rajabasa to Kadalimunda	10
		Dasachatan to Kadalimunda	5
		Mainaguda to Kinupada	5
		Burbuda to Lolobira	5
		Jogimunda to San-firingibahal	5
		Bandhabar RF line	5
		Jhanghati to Pukhamal	10
		Baghamunda DPF to Kinabaga	10
		Jarabaga & Baghamunda	10
		Sargidhi	10
		Geojhumpa RF line to Kuladera side	10
		Karlakhaman RF to Chandapahad	10
		Kuladera RF to Manjalahansla	10
		Sunamunda- Kichinda	10
		Kichinda to Jurapali	10
		Jurapali to Kadamghat	5

		Sunamunda to Dhamunda	5
		Nuaroad to Rengalbeda	5
		Niktimal to Garfati	5
		Niktimal DPF to Mahasimaline	5
		Kuladera to Ghunghuti	5
		Lalitaguna to Engina of (Bandhabar RF)	5
		Sargipali border to Ghunghuti	5
		Kesaibahal Hanuman Mandir to Garpati RF	10
		Dobhya Chowk to Garpati RF	10
		Khajuria RF C.no-26/27	10
		Khajuria RF C.no-24/25	10
		Khajuria RF C.no-22/23	10
		Khajuria RF C.no-20/21	10
11	Bamra WL	Bhikapali-Kabaribahal RF	5
		Kurmimunda PRF	5
		Betjharan RF	10
		Belmunda DPF	5
		Pudhapahad	5
		Purunapani PRF	10
		Laidaguna PRF	10
		Thakurniktimal PRF	5
		Khajuria RF C.No-19	5
		Laidaguna PRF	5
		Tamanguda PRF	5
		Tureiniktimal PRF	5
		Langposh-Baliturei PRF B	5
		Langposh-Baliturei PRF A	5
		Betjharan RF	5
		Chaitra RF	5
		Patakhaman to Arjunpali	5
		Add.Kansar RF, Chhemunda to Gourenghati	5
		Mahasimaline to Deogarh	10
		Bardia to Dantia	10
		Taranda to Badpudra	10
		Baishnabbaba to Badbahal Mahasima	5
		Phuljhar to Tamitungri	5
		Ghugar to Baishnababa	10
		Tipimunda to Kankadakhol	5
		Lamra PRF to Katarkela KF	5
		Mayurnachhen to Dhaurakhaman	5
		Akhadadand to Kenadhipa	10
		Kesshripat PRF B-	5
		Phatamunda to Ladampali	10
		Goilmundi PRF	10
		Pravasuni RF	5
		Khajuria	10
11	Bamra WL	Sukhabija to Tower No-1	10
		Odsung to Badghati	10
		Odsung to Badghati	5
		Gundigada to Bedadera	10
		Bandhenpidi to Bhalkothi	10
		Katagberna to Sado forest road	5
		Sarda forest road to Bharang	5
		Hatimara to Junapani	5
		Junapani to Munisaheb road	5
		Sargibahal to Alidarah	5
		Butamunda to Kuluthkupa	5
		Pathuria to Podadihi	5
		Khertungari to Khalidangi	5
		Ledaamba to Amelchhua	5
		Argen Beat	5
		Sarda to Patrajhuri	6
		Sarda to Patrajhuri	10
		Sarda to Podadihi	5
		Kukudaghara to Mayurnachen	5
		Jhariaguda to Kendughat	5
		Total:-	**716**
12	Hirakud WL	Dhodrokusum	225
		Lakhanpur	200
		Total:-	**425**
		Grand Total:-	**7000**

Annexure-III-L

Construction of Fire Watch Tower

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In No.)
			Latitude	Longitude	
1	2	3	4	5	9
1	Satkosia WL	Raigoda	20.6165	85.058	1
2	Mahanadi WL	Khaliduma, BPRF C/N-03	20 24 33.0	084 40 12.7	1
3	Similipal South	Dangadiha	21°29'49.5	86°16'51.4"	1
4	Balliguda	Karlaghati	N-20-01-24.3	E-83-33-19.9	1
5	Phulbani	Karada PRF Nilamadhab	N 19 54 39.4	E 84 18 09.9	1
6	Bolangiri	Khairguda	N20 34 53.7	E83 35 33.2	1
7	Khariar	Nangalbod	N20 04 48.5	E082 27 27.5	1
8	Rayagada	Bhimpur RF, of Gunupur Range	19.153853	83.961136	1
9	Malkangir	Kalimela (Sablur)	17.91907	81.702819	1
10	Rourkela	Dhumaguda RF, Biramitrapur	N22 22 49.6	E84 49 39.6	1
Total:-					**10**

Annexure-III-XLI

Creation of Water Body

SL. No.	Name of Division	Size	Location	Geo-coordinate		Unit (In No.)
				Latitude	Longitude	
1	2	3	4	5	6	7
1	Angul	(Size 40m x30mx 3m)	Bantalal/ Haditaila	20.646413	85.099942	1
			Jarapada/Similipathar RF-3	20.9585	84.83111111	1
			Jarapada/Katada RF-2	20.896021	84.812349	1
			Chhendipada/ Marudhipa PRF	21.1275	84.67806	1
2	Satkosia Wildlife Division	(Size 40m x30mx 3m)	Majhipada RF comptt No-5 Baradabani	20.67344444	84.77783333	1
			Baghamunda RF Compt. No.8	20.69041944	84.76103056	1
			Katrang DPF	20.62988889	84.816	1
			Katrang Compt. No.9 (Disuali)	20.570639	84.855639	1
3	Mahanadi Wildlife Division	(Size 40m x30mx 3m)	Iswar Taila C/N-15	N- 20 28 29.81	E-84 48 21.34	1
			Bada Taila C/N-13	N-20 21 41	E-84 49 44	1
			Sindhutaila C/n-7	N- 20 25 33	E- 84 45 42	1
			Ragudu BPRF C/N-01	20 25 22.3	084 37 20.7	1
			Dhobasahi, BPRF C/N-02	20 24 32.2	084 39 29.4	1
4	Athgarh	(Size 40m x30mx 3m)	Baula RF	20 32 03	85 48 59	1
			Deobhuin RF C-16	20 34 38.9	85 11 23.0	1
			Chandragiri RF C-2	20 29 10.9	85 14 16.6	1
5	Cuttack	(Size 40m x30mx 3m)	Dalijora Range,	20 31 27.01	84 25 45.6	1
			Sukinda Range	20 21 35.1	84 22 12.9	1
6	Athmallik	(Size 40m x30mx 3m)	Hatidhara RF Comptt. No. 18	20 43 1.05	84 43 6.18	1
			Hatidhara RF Comptt. No. 10	20.76422	84.6607	1
			Hatidhara RF Comptt. No. 09	20.75061	84.66097	1
			Handapa RF	20 58 32.5	84 43 3.12	1
7	Balasore (WL)	(Size 40m x30mx 3m)	Juriajhar (Kuldiha Range)	21° 25' 46"N	86° 37' 06"E	1
			Lodhasahi (-do-)	N-21.42613	E-87.543463	1
			Budusahi (Nilgiri)	N-21.518774	E-86.717495	1
8	Rairangpur	(Size 40m x30mx 3m)	Bhalujodi	22.263187	86.296363	1
			Pahadpur	22.30938	86.362361	1
9	Karanjia	(Size 40m x30mx 3m)	Pahadpur	N-22^{0}1'4"	E-086^{0}1'27"	1
			Burusahi	21 33 05.0	86 12 470	1
			Satkosia RF Compt No-10	N-21-20-48.0	E-86-12-27.2	1
10	Keonjhar (WL)	(Size 40m x30mx 3m)	Baranga RF	21.04255	86.08824	1
			Atei RF (near Jalananda)	21.297798	86.038855	1
			Ostapura RF (near Sailong)	21.22179722	86.07928889	1
			Ostapura RF(near Gohira)	21.24065556	85.08860556	1
			Gayalamunda RF (near Patrabeda)	21.33222222	86.07222222	1
			Gayalamunda RF (near Haribeda)	21.37194444	86.12	1
11	Similipal South	(Size 40m x30mx 3m)	Dangadiha-II	21°30'58.8"	86°17'42.0"	1
			Anantapur	21°37'32.7"	86°28'24.6"	1
			Phulbadia	21°40'42.0"	86°28'45.0"	1
			Chakidi	22°00'08.5"	86°24'37.0"	1
			Mahalisahi	22°00'01.1"	86°32'32.3"	1
12	Similipal (North)	(Size 40m x30mx 3m)	Bisipur	21 43 14.5	086 07 20.6	1
			Kesidiha	21 29 56.5	086 13 05.6	1
			Khaparkhai	21 37 09.3	086 11 30.8	1

13	Berhampur	(Size 40m x30mx 3m)	Burugaon	N19 17 24.0	E84 41 42.0	1
			Sipadeipur	N19 11 38.0	E84 26 03.0	1
			Burubandha	N19 18 01.0	E84 28 47.0	1
			Khajuripada	N19 15 29.0	E84 30 13.0	1
			Radhamohanpur	N19 13 25.4	E84 43 47.2	1
14	Ghumsur (N)	(Size 40m x30mx 3m)	Darapangia RF C/9	N20 02 29.7	E84 27 35.2	1
			Kullada RF C/7	N19 59 48.3	E84 36 54.8	1
			Gallery RF C/18	N20 04 06.6	E84 34 48.6	1
			Baibali RF C/7	N19 59 36.2	E84 25 40.2	1
15	Ghumsur (S)	(Size 40m x30mx 3m)	Pandikhol RF, Compt. No.2 near Podagariphy of Surada Range.	19 52.7610	84 17.5290	1
16	Parlakhemundi	(Size 40m x30mx 3m)	1. Paniganda West UDPF(betaganda Beat)	N 19.585845	E 84.068334	1
			Mandimara (nalaghat section)	N 19 26 51.066	E 84 00 16.991	1
			Adava (Damadua UDPF)	N 19 29 19.9	E 84 10 48.8	1
			Udayaguda	N 19.213247	E 84.031612	1
			Parimal	N 19.227891	E 84.063059	1
17	Balliguda	(Size 40m x30mx 3m)	Dharanimaska	N19.51.0.43	E83.32.27.8	1
			Gurlimaska	N19.97963	E83.58545	1
			Randang	N19 52 11.0	E83 38 29.0	1
			In side Lassery RF	N19 46 46.2	E83 40 50.6	1
			In side Subrnagiri PRF	N19 48 49.2	E83 49 51.2	1
18	Boudh	(Size 40m x30mx 3m)	Arakhpadar RF	N 20 34 23.08	E 84 38 13.29	1
			Pututigarh RF, C/N -4	N 20 36 06.9	E 83 46 54.0	1
			Aragarh RF	N 20 38 00.55	E 84 31 43.24	1
			Panchara RF	N 20 43 28.7	E 84 01 43.5	1
19	Phulbani	(Size 40m x30mx 3m)	Karada PRF near Kendukhari	N 19 54 30.2	E 84 17 35.7	1
20	Subarnapur	(Size 40m x30mx 3m)	Gheekundi R.F	20.939593	83.976578	1
			Harinapali R.F	21.01917	83.95833	1
			Chandili R.F	21.01641	83.89771	1
21	Bolangir	(Size 40m x30mx 3m)	Badbanki (Karanjkhol R.F.), Bangomunda Range	N20.41579	E82.74132	1
			ThutaRF, Harishankar	N20 45 26.6	E82 50 29.0	1
			Kapasia RF, Harishankar	N20 50 45.8	E82 57 09.6	1
			Bukajhula, Harishankar	N20 50 16.4	E82 58 40.8	1
			Gandhamardan RF, Harishankar	N20 51 57.5	E82 53 42.2	1
			Gandhamardan RF, Harishankar	N20 45 20.7	E82 44 58.5	1
			Chandli RF , Harishankar	N20 43 01.6	E82 47 14.9	1
			Mahdasani RF-Taljuri, Loisingha	N20.82505	E83.265008	1
			Sunadei RF-Biarpali, Loisingha	N20.815715	E83.351419	1
			Muribahal	N20.43346	E83.11052	1
			Sulia RF, Saintala	N20 29 02.76	E83 17 24.92	1
22	Kalahandi (N)	(Size 40m x30mx 3m)	Brahamni RF	N19 54 53.0	E83 11 35.0	1
			Urladani RF	N20 05 51.1	E83 31 29.8	1
			Urladani RF	N20 03 18.2	E83 33 25.6	1
23	Kalahandi (S)	(Size 40m x30mx 3m)	Jarka RF	N19 43 29.1	E82 57 57.2	1
			Kirkicha	N19 59 4884	E83 15 0357	1
			Samajhola RF	N-19 55 58.0	E-83 24 40.0	1
			Biswanathpur	N19 57 39.0	E83 25 13.5	1
24	Khariar	(Size 40m x30mx 3m)	Tankamal-Koilahala PRF	N20 04 30.3	E082 29 16.9	1
			Phulchi-Koilakhala PRF	N20 05 24.7	E082 30 02.3	1
			Portipada-Koilakhala PRF	N20 02 27.1	E082 30 08.4	1
25	Sunabeda WL	(Size 40m x30mx 3m)	Barhakhal	N20 39 59.0	E82 31 06.0	1
			Guinjhola	20 29 17	82 33 56	1
			Gurjibhata	20 37 17	82 28 54	1
26	Chilika WL	(Size 40m x30mx 3m)	Berhampura PRF	19/37/15.33	85/24/25.94	1
27	Chandaka WL	(Size 40m x30mx 3m)	Haladia- Manpur	20 27 13.78	85 63 44.85	1
28	Mangrove WL	(Size 40m x30mx 3m)	Jatadharatana	20°-08'-48.46"	86°-30'-07.67"	1
			Bandar	20°-06'-31.80"	86°-28'-04.05"	1
			Bhitarkanika	20°-41'-23"	86°-50'-53"	1
29	Khordha	(Size 40m x30mx 3m)	Sulia B RF	20-05-19.37	85-17-1	1
			Katuwal RF	19-51-36.67	85-03-06.01	1
			Patia RF	19-54-49.0	85-16-00.2	1
			Rajin RF	19-49-55.05	84-59-57.34	1
30	Nayagarh	(Size 40m x30mx 3m)	Gochha RF C/13	20.040799	85.195072	1
			Patharaganda RF	20.040799	85.195072	1
			Pokharigochha RF, Comptt No.7	20.326104	84.799381	1
			Pokharigochha RF, Comptt No.2	20°14'36"	84°46'38"	1
31	Rayagada	(Size 40m x30mx 3m)	Machhakhunti RF of Gunupur Range	19.066871	83.77003	1
			Grahibandha of Gudari Range	19.458832	83.790049	1
32	Nawarangpur	(Size 40m x30mx 3m)	Mirimunda PRF Kodinga Range	N19.38131	E82.22217	1
			Tentulikhunti MF Nabarangpur Range	N19.32221	E82.75778	1
			Inside Beheda PRF Near PhutanandaRaighar Range	N19.94376	E82.193394	1

33	Koraput	(Size 40m x30mx 3m)	Hatimali (Khajuriput)	18.89	82.97953	1
			Dumuripadar	18.971145	83.047484	1
34	Malkangir	(Size 40m x30mx 3m)	Nilapari	18 13 45.29	82 07 23.92	1
			Tagabeda	18 24 07.36	82 15 38.14	1
			Muraliguda	17.87046333	81.45895167	1
			Hatiamba	18.358765	82.163908	1
			Sardaguda	18 17 21.99	82 06 04.69	1
35	Bonai	(Size 40m x30mx 3m)	Toda RF	N21 52 27.3	E85 06 22.98	1
			Solguda	N21 56 50.3	E84 38 36.9	1
36	Deogarh	(Size 40m x30mx 3m)	Pallahara Range/ Keloposi VSS	N 21°28'41.6	E 85°09'38.1	1
			Pallahra Range/ Malyagiri RF near Knatla	N 21' 27' 05.33	E 85 14' 27.7	1
			Rambhadevi RF	N21.469962	E84.779936	1
37	Keonjhar (T)	(Size 40m x30mx 3m)	Kalapat RF of Telkoi Range	21.306065	85.56726	1
38	Rourkela	(Size 40m x30mx 3m)	Mahipani RF, Bisra Range	N22 13 53	E84 59 4	1
			N.Chirobeda RF, Bisra Range	N22 01 18	E84 59 22	1
			Jharbeda R.F., San Balijore (Silkuta RF), Banki Range	N22 02 13.9 N22 06 32.8	E84 59 55.7 E85 04 01.17	1
			Deuli PRF, Biramitrapur Range	N22 25 07.6	E84 35 08.6	1
			Jaydega RF, Biramitrapur Range	N22 20 07.6	E84 41 02.0	1
39	Sundargarh	(Size 40m x30mx 3m)	Karlaghati	N22 11 45	E84 03 44	1
			Budajharan	N22 09 47	E83 59 42	1
			Chitikikhadu Rf	N21 51 11.7	E83 37 57.2	1
40	Sambalpur	(Size 40m x30mx 3m)	Dumerchuan-Mundher RF	21- 23-18.31	84-02-39.71	1
			Dhama- Tabloi-Deogaon RF (Tabloi)	21-08-48.00	83-57-54.00	1
			Padiabahal-Murgabari VF	21-23-25.58	84-9-17.83	1
41	Jharsuguda	(Size 40m x30mx 3m)	Kolabira Range (Mahulmunda PRF)	21-50-31.70	84-11-36.2	1
			Bagdihi Range (Sarasmal A PRF)	21-57-36.15	84-09-24.82	1
42	Rairakhol	(Size 40m x30mx 3m)	Redhakhol Kholgarh R.F, Compt. No.34	21 08 48	84 20 68	1
			Redhakhol Kholgarh R.F, Compt. No.32 .	21 05 45.5	84 22 56.6	1
			Giripur Kholagarh RF	21°15'5.87"N	84°25'12.01"E	1
43	Hirakud WL	(Size 40m x30mx 3m)	Bechhukani	21° 30' 01.9"	83° 40' 16.7"	1
44	Bamra WL	(Size 40m x30mx 3m)	Hatitupa site	22 2 54.10	84 45 45.70	1
			Kadamghat	22 3 12	84 29 12.00	1
			Betjharan RF	22 54 6.42	84 29 10.9	1
45	Bargarh	(Size 40m x30mx 3m)	SDBR RF	N21 31 21.00	E83 27 10.00	1
			Chirolipathar	N21 06 22.00	E82 51 44.00	1
46	Nandankanan	(Size 40m x30mx 3m)	NKZP	20 23 53	85 48 33	1
Total:-						**150**

Annexure-III-LII

SL. No.	**Name of Division**	**Location**	**Geo-coordinate**		**Unit (In Km.)**
			Latitude	**Longitude**	
1	**2**	**3**	**4**	**5**	**9**
1	Angul	Kaniha/Godigoth R.F	21.20419444	85.02961111	1
		Kaniha/Budhi R.F	21.22185	85.09943333	1
2	Satkosia Wildlife Division	Raigoda RF-1 - Hatidahala	20.6215	85.0679	1
		Raigoda RF-11	20.6361	85.0179	1
		Raigoda RF-2 - Balangikhola	20.63	85.03	1
3	Mahanadi Wildlife Division	Mani Dei C/N-15	N-20 28 6.57	E-84 48 9.32	1
		Dimiripati C/N-15	N-20 28 11.24	E-84 47 5.26	1
		Ghasapathar C/N-15	N-20 28 28.7	E-84 48 21.5	1
4	Athgarh	Baula Rf	20 31 57	85 49 13	1
		Baniabandha RF C/9	20 38 42	85 47 50	1
5	Cuttack	Dalijora Range,	20 25 15.7	84 35 17.5	1
		Tomka Range	20 15 10.5	84 45 08.4	1
6	Athmallik	East Baruni RF Comptt. No. 07	20 54 27.0	84 19 45.4	1
		East Baruni RF Comptt. No. 05	20 53 13.2	84 21 03.5	1
		Kiakata KF	20 53 32.8	84 19 17.8	1
7	Balasore (WL)	Narsingchila Water Body (Betei Beat 2016-17)	N-21 ^{0},23',7.37'',	E- 86^0, 30',15.6''	1
		Salugadia Water body (Purnapani beat 2016-17)	N: 21 24' 18"	E: 86 31' 32"	1
		Panchlingeswar Water Body (2015-2016)	N – 21.41035^0	E - 086.72742^0	1
8	Rairangpur	Baliam	22.251944	86.372472	1
		Rajabasa	22.181019	86.475929	1
		Gargadi	22.214124	86.38192	1
9	Karanjia	Bankathi Village	N-21.889942	E-86.040906	1
		Kunjiam RF	N-21 57 48	E-85 55 56.3	1
		Kunjiam RF	N-21 57 59	E-85 55 16.0	1
10	Baripada	Dhansole (Deuli Range)	22-02-12.1	86-49-06.5	1
11	Keonjhar (WL)	Baranga RF	21.0425200	86.0589900	1
		Santoshpur RF (near Taneipal)	21.3374650	86.0755570	1
		Santoshpur RF (near Sikabeda)	21.42658611	86.08674444	1

12	Similipal South	Bhajam	21°57'37.0"	86°29'33.2"	1
13	Similipal (North)	Kiajhari	21 48 29.7	086 10 31.7	1
		Pahadpur	21 47 58.4	086 11 00.3	1
14	Berhampur	Bagada	N19 18 34.0	E84 32 17.0	1
		Panipata	N19 11 21.7	E84 23 59.1	1
		Rushimal	N19 07 30.2	E84 31 20.3	1
15	Ghumsur (N)	Banjarasahi	20-07-32.0	84-36-27.0	1
		Barakuda	20-04-51.5	84-34-19.8	1
16	Ghumsur (S)	Gazalbadi of Surada Range	19 50 53.8	84 46 5.3	1
		Sidhanai of Ashka Range	19 39 45	84 40 20.64	1
17	Parlakhemundi	Siali P. Nursery	18.931432	83.870321	1
		Hatiamba	18.961065	84.218841	1
		Abarsing	19.175107	84.22976	1
18	Balliguda	Mahaperu	N19 54 11.6	E83 37 4.7	1
		In side Supamha RF	N19.82139	E83.78778	1
		Kuabadi inside Belghar RF	20 01 40.35	83 37 08.3	1
19	Boudh	Arakhpadar RF C/4	N 20 33 57.22	E 84 37 15.84	1
		Mundeswar RF C/23	N 20 33 11.38	E 84 32 59.24	1
20	Subarnapur	Sergeda	N20 56 32.64	E84 10 46.64	1
		Arjunpur	N 20 51 09.00	E 83 50 27.00	1
21	Bolangir	Dhajagarh RF, Harishankar	N20 45 48.9	E82 57 07.8	1
		Thuta RF , Harishankar	N20 43 31.3	E82 50 21.0	1
		Thuta RF , Harishankar	N20 46 09.7	E82 52 40.9	1
22	Kalahandi North	Alma RF	N19 54 53.0	E83 11 35.0	1
		Madakhola A RF	N19 54 53.0	E83 11 35.0	1
23	Kalahandi (S)	Biswanathpur	19 49 22.2	83 22 09.8	1
		Karalapat Sanctuary	19 47 26.0	83 06 53.00	1
24	Khariar	Chaura-Chaura "A' PRF	N20 08 02.0	E082 43 27.7	1
		Darlipada-Kendumunda 'C' PRF	N20 02 59.7	E082 34 36.2	1
25	Sunabeda WL	Bhalukona	N20 40 03.0	E82 31 43.0	1
		Mahul nalla	20 37 32	82 31 01	1
26	Puri WL	Balukhanda RF	19°49'44.28"N	85°53'3.02"E	1
		Balighai PRF	19°50'43.80"N	85°59'4.81"E	1
27	Chandaka WL	Barakhola	20 19 51.73	85 43 34.85	1
		Kaniartangar	20 19 51.73	84 43 34.85	1
28	Mangrove WL	Jaudia	20°-34'-13.9"	86°-49'-9.6"	1
		Chitakhola	20°-33'-10.8"	86°-47'-49.0"	1
		Maharabanka	20°-35'-59.3"	86°-50'-23.5"	1
29	Khordha	Sakara	19-55-39.6	85-02-43.4	1
		Rajin RF C/18	19-52-48.4	84-59-0.06	1
30	Nayagarh	Gochha RF C/10	19.945742	85.039588	1
		Patharaganda C/1	20.043429	85.168836	1
		Pokharigochha RF C/3	20.243141	84.808674	1
31	Malkangiri	Nakamamudi	183219785	82.117566	1
		Balimela Chowk	18.229295	82.101403	1
		Somnathpur	18 17 49.14	82 08 07.25	1
32	Nawarangpur	Mirimunda PRF	N19.37484	E82.21983	1
		Kusumi PRF	N19.43355	E82.21246	1
33	Koraput	DD Ghati (Laxmipur RF)	18.989863	83.085578	1
		Marbaiguda	19.005986	83.086401	1
34	Bonai	Sinduria RF	N21 43 23.00	E84 43 32.00	1
		Budhapahar RF	N21 43 20.00	E84 41 55.00	1
35	Deogarh	Rambhadevi RF near Tangiri	N21 26 25.4	E84 44 01.7	1
		Rambhadevi RF near Jharmunda	N21 25 07.0	E84 49 22.1	1
		Tarang DPF near Thakaramal	N 21 15 48.9	E 84 34 28.9	1
36	Rourkela	Makarchua RF, Biramitrapur Range	N22 23 14.0	E84 32 50.0	1
		Patipahad RF, Biramitrapur Range	N22 25 04.6	E84 51 02.2	1
37	Sundargarh	Dhanubans RF	N21 58 15	E83 33 21	1
		Kuchedega DPF	N21 59 50	E83 36 32	1
38	Sambalpur	Jarang- Village	21-13-53.04	84-12-33.26	1
		Dhama- Tabloi-Deogaon RF (Tabloi)	21-08-48.00	83-57-54.00	1
39	Jharsuguda	Jharsuguda	21-48-58	84-04-14.61	1
		Brajrajnagar	21-57-57.4	84-08-22.3	1
40	Rairakhol	Naktideul (Lamphaphuli DPF)	21 10 22.56	84 29 24.02	1
		Naktideul (Mankunda)	21 13 32.90	84 34 12.78	1
41	Hirakud WL	Jhagada Bandh	21° 34' 19.5"	83° 40' 03.9"	1
		Debrigarh Pond	21° 33' 07.6"	83° 35' 11.8"	1
		Jamchuan	21° 31' 46.0"	83° 36' 33.6"	1
42	Bamra WL	Kesaibahal Dangajore PRF	21-55-58	84-25-0.00	1
		Bandhabar Rf Kaijharan	22-02-40	84-26-56.2	1
		Mahavir RF	22-07-31.1	84-20-39.5	1
43	Bargarh	SDBR RF	N21 31 21.00	E83 27 10.00	1
Total:-					**100**

Annexure-III-LIII

Plantation of Fruit Bearing and Fodder species around water bodies and Maintenance thereof under CAMPA APO: 2023-24 (WLM)

SL. No.	Name of Division	Location	Geo-coordinate		Unit (In No.)
1	2	3	4	5	6
1	Angul				250
2	Athmallik	Dhandatopa Range	20 29 00.2	84 21 51.7	250
3	Satkosia WL	Brahmanbil Kuru RF Compt. No.5			100
4	Cuttack	Dalijora Range, Sukinda Range, Tomka Range			250
5	Karanjia	Cheratangar RF	21 38 02.2	86 08 12.3	50
		Kadapani RF	21 36 34.0	86 09 26.0	50
6	Berhampur	Jiniguda, Sipadeipur, Burubandha, Khajuripada & Radhamohanpur			250
7	Balliguda	Dharanimaska	N19 51 0.43	E83 32 27.8	300
8	Parlakhemundi	Durgam (50 plnats @550 per plant)			50
9	Boudh	Damargarh RF	20 49 49	84 08 19	50
10	Subarnapur	Badipadia (Sonepur Range)	N20 55 55.96	E83 37 14.95	50
		Jhankarpali (Sonepur Range)	N20 52 47.40	E83 38 57.50	50
11	Bolangir	Rain Bandh	N20 36 37.5	E83 25 54.1	400
12	Kalahandi South	Karlapat Sanctuary			100
13	Sunabeda WL	Bahabal	20 36 35	82 27 34	50
		Jamkhola	20 33 30.0	82 32 05.7	50
		Gudma			50
		Adar			50
		Ghatsil- I			50
		Borra -II			50
		Koked			50
		Birmati			50
		Hathikhal			50
		Kharkhari			50
		Thelkobeda			50
		Jamkhola			50
		Bahabal			50
		Bahabal			50
14	Khordha	Tamana RF, C/12	19-53-27.11	85-04-33.26	250
15	Nayagarh	Daspalla Range - Chadesh RF	N - 20 23 30.00	E - 84 48 33.00	250
16	Nawarangpur	Hatigam RF of Hatigam beat -Raigarh Range	19. 99 854	82. 07 968	350
17	Malkangiri	Nilapari, Tagabeda, Hatiamba			300
18	Bonai	Majurdima RF (Binjikhol)	N- 21 52 55.0	E-84 32 38.8	250
19	Deogarh	Reamal/Kanheidana K.F near palsama	21 17 45.96	84 52 54.15	300
20	Rourkela	Samardari PRF	N21 52 47.8	E84 54 00.6	250
21	Sundargarh	Budhapahada RF	22 04 26.0	83 36 18.0	50
22	Jharsuguda	Jharsuguda	N21-51-31.89	E84-02-39.91	50
23	Rairakhol	Hatidhara RF C No.06(Redhakhol Range)	21 07 09.00	84 26 44.00	50
		Kholgarh RF C No.35(Redhakhol Range)	21 06 15.00	84 20 26.00	50
24	Hirakud WL	Thelcochhapal, Kuldhuda			950
25	Bamra WL	Bandhabar RF Kinabaga site & Khajuria RF Compt No.25			100
26	Bargarh	Dechuan RF (Ghudkiar Ghatan)	21 38 3.51	83 33 59.95	250
Total:-					**6350**

Annexure-III-LIV

Creation/Development Meadow

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In Ha.)
			Latitude	Longitude	
1	2	3	4	5	6
1	Dhenkanal	Kapilash Sanctuary	20.773852	85.72708	10
2	Satkosia (WL)	Katranga, Baghamunda Compt.- 9, Purunakote Compt-19 & Baghmunda RF Compt. 8.	20.57380556 20.6957 20.6459 20.6904	84.84561111 84.7449 847610 84.8354	100
3	Mahanadi (WL)	Padmatola RF C/N -01	20.540146	84.759999	30
4	Balasore WL	Kuldiha	N- 21^0 26' 03.7"	E- 86^0 39' 45.4"	25
5	Keonjhar (WL)	Rebana RF (near Jauripani) Hatikhunti (near Rebana RF) Boula RF (near Bahia) Boula RF (near Dakei)	21.24568889 21.215971 21.22277778 21.30805556 21.285	85.64961111 85.687964 86.23444444 86.32833333 86.24305556	30
6	Similipal North	Solabadi Chahala Brundaban Right Side Brundaban Left Side Brundaban-Chahala Left Side Brundaban-Chahala Right Side	21 58 54.4 21 59 09.5 22 00 01.2 22 00 01.1 21 58 38.3	086 17 36.0 086 17 31.3 086 17 44.7 086 17 44.9 086 17 47.6	55

		Patapulia	21 58 35.1 21 58 57.4	086 17 46.2 086 17 36.4	
7	Similipal South	Jodapal Meadow-1	21 46 15.2	86 24 3.7	10
		Jodapal Meadow-2	21 46 10.7	86 24 10.9	10
		Khadiabasa Meadow	21 47 6.1	86 23 41.6	10
		Ashok Nala Meadow	21 46 6	86 24 44.6	10
		Chhatadanda Meadow	21 48 15	86 22 19	10
		Chherabil Meadow	21 49 55.9	86 20 56.6	10
		Lengdakacha Meadow	21 49 45	86 26 20.4	10
		Rajabasa Meadow	21 48 45	86 25 27	10
		Khainchia	21 40 36.8	86 14 28.6	10
		Murumkhadan	21 41 49.9	86 15 31.1	10
		Devasthali Daldali Meadow	21 42 5	86 16 2.7	10
		Tringle Meadow	21 42 51.4	86 17 2.6	10
		Bachhurichara jungle Meadow	21 42 6.2	86 15 10.7	10
		Check Dam Nala Meadow	21 42 24.4	86 16 15.7	10
		Bachurichara Bhitoro Podia small	21 42 0.7	86 15 26.1	10
7	Similipal South	Bachurichara Bhitoro Podia Big	21 42 6.2	86 15 20.1	10
		Mancha banka Small	21 41 49.4	86 15 41.4	5
		Mancha banka Big	21 41 51.6	86 15 50.3	5
		Devasthali Saltlick Meadow	21 42 22	86 16 8.5	5
		Sarudala Nala Meadow	21 42 53.6	86 15 57.2	5
		Sarudala Daldali Upper Meadow	21 42 50	86 15 43.5	5
		Devasthali Nala Meadow-I	21 4 25	86 16 19	10
		Old Trench Meadow	21 42 17.8	86 16 35.5	5
		Sasang Goda Meadow	21 42 20.1	86 16 47.6	5
		Salmundi Right	21 42 47.6	86 16 56.9	5
		Patching Nala Meadow	21 42 43.9	86 16 8.4	5
		Golkund Daldali West	21 42 38.7	86 17 22	5
		Bamandiha	21 41 44.3	86 15 50.7	5
		Golkund Daldali East	21 42 20.5	86 17 21.5	10
		Dev Nala Meadow	21 42 10.1	86 16 29.3	5
		Golkund Bhitar	21 42 1.7	86 17 8.9	5
		Golkund middle Meadow	21 42 12.5	86 17 12.6	5
		Golkund Sikari Camp	21 42 7.3	86 17 37.9	5
		Golkund Upper Meadow	21 42 1.4	86 17 57.3	10
		Chatursila 1	21 41 0.1	86 13 45.2	5
		Chatursila 2	21 40 53.4	86 13 38.9	5
		Ankurbasa	21 41 46.1	86 12 22.8	10
		Ginahaja	21 40 16.1	86 13 29.4	5
		Sambardhara	21 38 17.6	86 18 11.4	5
		KankaJadi	21 38 54.1	86 18 13	5
8	Parlakhemundi	MandiapetaDurgan UDPF	N-19.317735N-18 49 01.2	E-84.299424E-84 15 19.4	30
9	Balliguda	Pitaki Guma South PRF	N-19 54 28.7 N-19 49 24.1	E-83 83 51.2 E-83 40 50.7	35
10	Kalahandi South	Karlapat RF Karlapat RF Nehela RF	N-19.731615 N-19.747832 N-19.44490	E-83.091553 E-83.108901 E-83.06580	15
11	Sunabeda WL	Kadaam Sialpathar Bairbhadi Bagh khal Tikrapada Dhenkunpani Khadang Gurjibhata	20 30 45 20 37 03 20 41 55 20 36 12 20 43 49 20 52 58 20 32 54 20 26 48 20 37 08	82 31 44 82 25 41 82 27 46 82 23 23 82 29 20 82 42 40 82 28 42 82 25 24 82 28 55	35
12	Mangrove (WL)	1)Chitakhola-3 Ha 2) Barunei-2Ha 3)Jaudia-2Ha 4)Sunei-Rupei-2 Ha 5)Dangmal-2 Ha 6)Kalibhanjadia-2 Ha 7)Bhitarkanika-3 Ha 8)Hetamundia-2 Ha 9)Kansaridia-2 Ha	20°-33'-10.1" 20°-30'-10" 20°-33'-12" 20°-38'-52" 20°-44'-10.1" 20°-46'-42.9" 20°-42'-36.5" 20°-20'-06,0" 20°-22'-51.0"	86°-47'-51.4" 86°-45'-8.6" 86°-50'-1.8" 86°-52'-41" 86°-52'-08.5" 86°-55'-37.0" 86°-51'-59.7" 86°-45'-32.0" 86°-46'-05.0"	20
13	Bamra (WL)	Mahavir RF Bandhabar RF BandhabarRF Lamridarha Khajuria RF Laidaguna PRF Betjharan RF Ushakothi RF compt-2 Badrama RF	22 7 26.69 22 02 21.00 22 02 24.60 21 43 19.60 21 44 11 21 54 28.7 21 37 37.73 21 33 53.74	84 19 27.51 84 25 35.00 84 28 23.30 84 28 19.10 84 26 49.8 84 28 47.2 84 18 38.17 84 18 24.05	35
14	Hirakud (WL)	Rengali Bhutuli Kurumkel	21° 42' 2.2" 21° 41' 12.1" 21° 40' 38.7"	83° 37' 56.6" 83° 39' 59.9" 83° 40' 29.2"	75
15	Nandankanana	NKZP			5
Total:-					**800**

Annexure-III-LV

Maintenance of Meadow

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In Km.)
			Latitude	Longitude	
1	2	3	4	5	6
1	Dhenkanal	Kapilash Sanctuary	20.773852	85.72708	10
2	Satkosia (WL)	Majhipada RF - Compt. 14 & 15 Badadamak	20.66993333	84.80235833	10
		Purunakote Compt.19	20.6459	84.8354	10
		Baghamunda Compt. 9	20.69566667	84.78494444	10
		Baghamunda RF Compt. No. - 8	20.69041944	84.76103056	10
		Tikarpada RF comptt No. 3	20.67444444	84.77240833	10
		Majhipada RF comptt No-5	20.6744	84.7724	10
		Raigoda RF Comptt. No 6	20.60961111	85.05883333	10
		Majhikhamana	20.6273	85.0257	10
		Batrabanka	20.6031	85.0723	10
		Kakunipada	20.6078	85.0604	10
3	Mahanadi (WL)	Padmatola RF C/N -01 (Maintenance)	20.540146	84.759999	15
4	Keonjhar (WL)	Boula RF (near Bahia)	21.22277778	86.23444444	4
		Boula RF (near Dakei)	21.30805556	86.32833333	3
		Boula RF (near Pitanau)	21.285	86.24305556	1
		Boula RF (near Masaghati)	21.32361111	86.23583333	2
		Boula RF (near Ketaki)	21.30504722	86.32728056	3
		Baranga RF	21.06890278	86.28781111	2
5	Similipal North	Rajabhadi Right Side	22 00 04.0	086 17 50.0	9
		Rajabhadi Left Side	22 00 02.0	086 17 53.0	9
		Tiger Footpath	21 58 31.3	086 18 06.8	4
		Brundaban	21 58 16.0	086 16 46.0	2
		Karkachia	21 58 60.0	086 20 41.0	8
		Pandabandha	21 56 17.0	086 25 59.0	3
		Kiajhari	21 50 03.9	086 07 54.0	20
		Budhiabasa Meadow - 1	21 57 46.0	086 24 26.0	15
		Budhiabasa Meadow - 2	21 57 24.0	086 24 32.0	10
		Budhiabasa Meadow - 3	21 57 19.0	086 24 54	8
		Pandabandha Meadow	21 58 14.4	086 23 04.9	2
6	Similipal South	Kabatghai Meadow	21 47 53.3	86 15 47.4	67
		Jamuna meadow	21 42 28.2	86 19 22	24
		Nuagaon meadow	21 42 23.2	86 18 12.1	16
		Pitalusila meadow	21 43 39.9	86 16 38.6	5
		Chandraposi meadow	21 44 6.6	86 15 17.6	12
		Merelgoda	21 44 5.1	86 12 20	5
		Near Manasi Camp	21 46 36	86 19 47	5
		Near Gurandia Camp	21 46 6	86 20 46	2
		Chatamburu	21 46 50	86 20 53	5
		Gourakantha	21 40 52.4	86 23 49.2	30
		Tiktali old Meadow	21 38 40.4	86 23 17.9	11
		Bangushadiha	21 41 7.3	86 22 51.5	5
		Sambargoda	21 40 54.1	86 22 39	5
		Sonpokhri	21 43 51	86 24 4.3	4
		Sonpokhri	21 43 56.5	86 24 6.3	3
		Jenabil Meadow	21 43 40	86 21 53.1	114
		Jamuna Upper	21 42 31	86 19 42.1	4
		Kultapur Meadow	21 43 48	86 20 42.3	6
		Champaghati	21 44 41.5	86 23 50	12
		Jenabil Causeway	21 44 6.5	86 21 15.3	8
		Range Office Meadow	21 44 0.7	86 02 12	8
		Dalki Kocha	21 42 50.7	86 20 7.5	5
		Begunia Kocha	21 44 12.2	86 22 4.6	8
		Gurandia Meadow	21 45 57.6	86 20 51.2	13
		Kultapur Meadow	21 43 48	86 20 32.6	3
		Senichaturi Meadow	21 44 54.6	86 22 39.3	20
7	Kalahandi South	Karlapt Sanctuary	N-19 44 49.0	E-83 06 58	5
8	Chandaka (WL)	Kateni	20° 23' 35.89"	85° 43' 48.92"	4
		Godibari	20° 19' 51.39"	85° 43' 55.87"	3
		Ambilo	20° 18' 02.3"	85° 39' 24.4"	3
9	Mangrove (WL)	Bhitarkanika-5 Ha	20°-42'-36.5"	86°-51'-59.7"	5
		Hetamundia-5 Ha	20°-20'-06,0"	86°-45'-32.0"	5
		Kansaridia-5 Ha	20°-22'-51.0"	86°-46'-05.0"	5
10	Bamra (WL)	Khalasuni RF, Compt no-04 (Digbali)	21 54 54	84 23 49.45	2
		Khalasuni RF, Compt no-05	21 21 51.02	84 23 56.65	1
		Khalasuni RF, Compt no-09(Malipadar)	21 19 31.06	84 27 52.5821	2
11	Hirakud (WL)	Dhodrokusum	21° 30' 2.9"	83° 46' 16.1"	50
		Lakhanpur	21° 36'16.2"	83° 36' 58.2"	35
Total:-					**750**

Annexure-III-LVI

Invasive weed eradication

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In Ha.)
			Latitude	Longitude	
1	2	3	4	5	6
1	Angul	Jarapada/ Rangamatia to Para Ghai	20.904915	84.792764	5
		Jarapada/Ghati Tentuli to Katada	20.88735	84.79523	5
		Jarapada/Lembutaila chowk to Kandhakoili Matha	20.80913	84.83859	5
2	Satkosia (WL)	Purunakote RF - 19 & 20	20.62975833	84.83286389	8
		Tuluka RF Compt. No.8	20.61162222	84.92606944	5
		Tuluka RF Compt. No.7	20.61747222	84.91702778	7
		Purunakote RF - Compt. 10	20.62975833	84.83286389	5
		Majhipada RF - Compt. 14 & 15 Badadamak	20.66993333	84.80235833	6
		Baghamunda RF Compt. No. - 10	20.68638333	84.76994444	5
3	Mahanadi (WL)	1. Sektapalli C/N-16 2. Haridathesera C/N-20 3. Khalikana C/N-19 4. Sinkabani C/N-17 5. Takera 6. makaraprasad 7. Buriapaju 8. Seneperi 9. Badasilinga	1. N- 20 29 44.9 2. N- 20 30 49.10 3. N- 20 30 44 4. N-20 29 33 5. N- 20 25 1.8 6. N- 20 25 53.7 7. N- 20 23 12 8. N- 20 28 3 9. N- 20 28 40	1. E - 84 47 43.3 2. E- 84 46 53.97 3. E-84 44 6.0 4. E-84 44 38 5. E-84 45 5.9 6. E-84 46 38.6 7. E- 84 45 40 8. E- 84 46 19 9. E- 84 48 14	40
4	Athmallik	**Madhapur Range** East Baruni RF Comptt. No. 03 & 04	20 53 41.2	84 22 13.7	5
		East Baruni RF Comptt. No. 03	20 52 15.9	84 23 52.0	5
		West Baruni RF Comptt. No. 03	20 54 00.9	84 17 45.1	5
		East Baruni RF Comptt. No. 05	20 53 46.4	84 20 49.1	5
		Bamur Range: - Tulasipur DPF	20.883313	84.402525	5
5	Rairangpur	Sunajodia	22.205502	86.386577	4
		Khejurikatas	22.139619	86.380676	2
		Kukudaanda	22.236567	86.447019	4
		Kulapata	22.282666	86.443576	2
		Tower-1	22.276571	86.344794	4
6	Karanjia	Budhipat DPF	N-21.963057	E-86.112501	2
		Badampahar RF	N-2105'93"	E-8607'13"	2
		Kudarbisida RF	N-21057'14"	E-8601'9"	4
		Begunia RF	N-21056'56"	E-8603'4"	2
		Satkosia RF compt No-8	N-21-19-46.2	E-86-10-46.3	4
		Noda RF	N-21-16-55.0	E-86-11-20.0	2
7	Similipal North	Tabakol	21 35 41.5	086 15 34.7	6
		Sadananda	21 60 68.4	086 26 85.7	5
		Belaladam	21 56 11.7	086 26 09.7	2
		Panasia Chhak	21 54 43.2	086 26 26.9	5
		Brundaban Gate	21 58 20.1	086 17 00.4	4
		Kairakacha	21 58 55.5	086 18 07.2	3
		Mayur chatani	21 58 38.5	086 21 34.5	2
		Jodadiha	21 58 11.7	086 18 04.6	5
		Rajpal	21 57 51.5	086 15 48.8	3
		Haldia Nala foot path	21 59 39.1	086 15 13.5	6
		Raghaburu	22 00 56.9	086 18 13.6	2
		Sapramburu	21 57 12.0	086 22 08.4	4
		Pandabandha ghati	22 00 40.8	086 17 04.2	2
		Bhandadhar	21 56 39.4	086 26 26.3	3
		Kusumbani	21 58 02.6	086 23 39.7	1
8	Similipal South	Pithabata(N), Pithabata(S), Nawana(S), Dukura (WL), Jenabil, National Park, UBK, Bhanjabasa, Podadiha	220 01' 23.6" 210 56' 25.2" 210 49' 38.6" 210 47' 15.3" 210 43' 58.6" 210 44' 47.5" 210 39' 05.2" 210 36' 10.3" 210 33' 36.5"	860 30' 44.5" 860 34' 40.5" 860 24' 41.6" 860 39' 39.8" 860 20' 56.8" 860 17' 49.4" 860 18' 0.4" 860 22' 31.0" 860 25' 55.3"	200
9	Berhampur	Ranibar 'C' DPF	N19 29 28.0	E85 05 07.0	10
		Bhallery PRF	N19 41 53.0	E85 09 00.0	10
		Karakhol PRF	N19 36 23.0	E85 04 46.1	5
10	Parlakhemundi	Uparasambarpatu	N 19 21 03.2	E 84 19 21.1	5
		Jubagaon	N 19.322244	E 84.302315	3
		Chakadhar	N 19.318600	E 84.290771	5
		Naikaniamba	N 19.318587	E 84.300120	5
		Kendupadar	N 19.281512	E 84.231952	3
		Bhitaratampa	N 19 19 45.1	E 84 24 45.7	5
		Srirampur	N 19 20 23.2	E 84 23 25.6	3
		Tarabanga	N 19 15 40.3	E 84 24 40.1	2

		Hatibandha	N 19 20 13.2	E 84 22 12.5	2
11	Balliguda	Belghar	N19 55 33.9	E83 36 30.8	5
		Madaguda RF	19 53 51.2	83 45 33.1	10
		Belghar RF	20 01 06.5	83 36 39.7	5
		Srirampur 'B' DPF	N-19-47-31.0	E-84-03-26.0	10
		Lassery RF	N19 45 21.6	E83 41 29.6	7
		Haripur RF	N19 52 08.3	E83 42 44.6	6
		Subrangiri PRF	N19 48 49.2	E83 49 51.2	10
		Supamaha RF	N19 49 08.1	E83 46 21.1	7
12	Boudh	Manamunda	N 20. 829076	E 83. 925395	8
		Kantamal	N 20 41 30.8	E 83 49 08.0	7
13	Subarnapur	Badali R.F	20.96225	83.84166	5
		Gheekundi R.F	20.94037	83.98526	3
		Daltangar R.F	21.04845	83.8632	2
		Singhasan R.F	21.12534	83.92122	2
14	Bolangiri	Gandhamardan, Harishankar	N20 49 50.5	E82 49 39.4	8
		Thuta, Harishankar	N20 46 13.1	E82 51 33.8	3
		Baraputa, Harishankar	N20 47 03.0	E82 53 54.6	4
		Chandli, Harishankar	N20 43 17.1	E82 46 36.7	2
		Kapasia, Harishankar	N20 51 26.1	E82 57 22.2	4
		Bukajhula, Harishankar	N20 50 20.0	E82 58 39.8	5
		Dhajagarh, Harishankar	N20 45 11.4	E82 57 39.0	7
		Matkhai RF, Balangir	N20 41 02.8	E83 26 15.9	5
		Kharsel RF, Balangir	N210 42 21.1	E83 25 07.5	6
		Matkhai RF, Balangir	N20 37 07.4	E83 29 05.6	2
15	Kalahandi North	Bhawanipatna	N19 54 53.0	E83 11 35.0	10
		M.Rampur	N20 11 42.1	E83 32 44.2	5
16	Kalahandi South	Karlapat RF	N-19 41 30.2	E-83 08 19.2	5
		Nehela RF	N-19 44 03.2	E-83 06 50.5	5
		Sagada PRF	N-19 46 20.9	E-83.06 27.0	5
		Jugsaipatna RF	N- 19 43 13.0	E-83 13 04.0	5
		Jerka RF	N-19 43 55.8	E- 82 58 54 4	5
17	Khariar	Chitarama	N20 07 30.2	E82 24 40.3	3
		Ghati PRF	N20 45 43.68	E82 34 09.38	2
		Mendhatal PRF	N20 41 29.77	E82 42 30.46	3
		Musrangi PRF	N20 47 34.92	E82 22 34.91	2
		Lodra PRF	N20 42 03.82	E82 27 42.33	4
18	Sunabeda (WL)	Tikrapada	N20 43 39.0	E82 29 03.0	5
		Sargipada	20 31 14	82 27 23	8
		Akhada ghati	20 25 13	82 34 11	5
		Boirbhadi	N20 41 51.0	E82 27 55.0	6
		Gobraghati	N20 32 15.6	E82 32 16.1	3
		Jalmadei	20 37 30	82 28 53	5
		Gosen Dongri	20 34 12	82 24 09	5
		Koktikusum	20 26 59	82 33 35	4
		Chereichuan	20 32 5	82 32 23	2
		Godbhitar	N20 41 57.0	E82 27 58.0	6
		Raitalbandh	N20 42 47.0	E82 28 01.0	5
		Gatibeda	20 30 52	82 24 26	2
19	Puri (WL)	Compt. No.III of Balukhanda RF	19°48'56.79"N	85°51'48.89"E	5
			19°48'47.96"N	85°51'53.79"E	
		Compt. No.IV of Balukhanda RF	19°49'33.31"N	85°52'0.14"E	3
			19°49'38.47"N	19°49'38.47"N	
		Compt. No.VI of Balukhanda RF	19°49'39.51"N	85°52'35.93"E	4
			19°49'46.89"N	85°52'57.57"E	
		Compt. No.VII of Balukhanda RF	19°49'14.28"N	85°52'40.64"E	2
			19°49'21.74"N	85°53'8.32"E	
		Kurujanga FS Nadiamath PRF	N 19o 53’41.6” N-19.894003	E 86o 08’23.0” E-86.201291	3
		Panichhatra Tavagolara	20°01'28.7"	86°09'05.5"	3
		Panichhatra Nipania PRF	20°02'7.75"	86°08'58.41"	2
20	Chandaka (WL)	Chandaka RF	20º 24' 34.59"	85º47' 04.36"	6
		Bhola RF	20º 20' 02.66"	85º 42' 52.81"	5
		Bhola PF	20º 21' 44.72"	85º 43' 01.61"	4
		Dalua PF	20º 21' 17.34"	85º 43' 41.46"	5
		Deras PF	20º 19' 04.40"	85º 41' 28.31"	4
		Karadapalli to Ambilo	20°17'09.31"	85°38'55.71"	5
		Ratanpur DPF	20°14'33.72"	85°39'14.06"	5
		Kodamunda near kandalei	20°16'39.24"	85°39'48.67"	2
		Barapita near Sourabila	20°19'25.12"	85°39'43.87'	4
		Jhalara to District Boundary (Deras PF)	20°19'05.20"	85°38'15.51"	4
		Bantala DPF near Duria	20°15'47.79"	85°36'56.14"	4

		Kodamunda near Ambilo	20°17'56.18"	85°39'24.04"	3
21	Mangrove (WL)	1)Barunei-5 Ha 2)Maharabanka-5 Ha 3)Angari-5 Ha 4)East Orasahi-10 Ha 5)Sunei-Rupei-5 Ha 6)Bhitarkanika-10 Ha 7) Kalibhanjadia-5 Ha 8)North Mahisamada-10 Ha 9) Kaudia-5 Ha 10)Jamboo-10Ha 11)Hetamundia-5 Ha 12)Kansaridia-5 Ha	20°-31'-20.6" 20°-36'-45.5" 20°-37'-14.3" 20°-36'-03" 20°-38'-54" 20°-42'-39" 20°-46'-44" 20°-44'-51" 20°-18'-12.67" 20°-25'-47.0" 20°-19'-28.00" 20°-22'-39.0"	86°-46'-34.5" 86°-52'-18.9" 86°-53'-24.1" 86°-51'-44" 86°-52'-46" 86°-51'-60" 86°-55'-11" 86°-53'-38' 86°-40'-58.54' 86°-43'-33.00" 86°-44'-14.00" 86°-46'-04.0"	45
22	Malkangiri	Simagandhi	18 18 58.56	82 06 40.81	8
		Hatiamba	18.316839	82.152548	5
		Nuagaon RF	18 13 50.00	82 04 57.00	6
		Balimela Chowk	18 14 04.00	82 06 27.00	5
		Gotiguda	18.446001	82.142231	4
		Laktiguda	18.385712	82.189887	5
		Mathili Range	18.538769	82.168808	5
		Motu Range	17.988258	81.576931	5
		Karkotpally	18.128166	81.939977	7
		Duguda	18.26699	81.71156	5
23	Koraput	Hatibari	18.374172	82.753331	15
24	Rourkela	Jharbeda, Banki Range	N22 02 13.9	E85 04 01.17	4
		Kumaria RF, Rajgangpur Range	N22 10 30	E84 38 13	2
		Haldipani RF, Rajgangpur Range	N22.1841764	E84.7040519	4
		Durgapaur RF, Panposh Range	22.242835	84.899975	2
		S.Chirobeda RF, Panposh Range	22 10 04	84 55 34	4
		N.Chirobeda RF, Panposh Range	22 10 56.97	84 55 24.24	4
25	Bamra (WL)	Mundkata PRF	21 32 30.79	84 15 13.1	5
		Dangajore	21 32 28.59	84 15 47.57	6
		Mahavir RF	22 82 7.81	84 21 53.71	5
		Kajli KF	22 6 22	84 2 64	5
		Monapali KF	22 7 28	84 26 32	6
		Bandhabar RF Sahajbahal site	22 5 38	84 27 16	4
		Chanda Pahada	22 26 3.4	84 46 41.2	5
		Kadamghat	22 31 5.92	84 29 11.35	6
		Tangarmunda Sankobahal PRF-B	22 5 46	84 2 32	5
		Kinabaga Dhalatungri site	22 6 27	84 28 51	2
26	Hirakud (WL)	Jhagadabehera	21° 34' 28.4"	83° 39' 57.2"	8
		Debrigarh	21° 33' 11.1"	83° 35' 11.8"	5
		Patheidurga	21° 33' 2.6"	83° 37' 17.74"	4
		Badduma	21° 37' 45.2"	83° 42' 17.4"	5
		Khola	21° 39' 10.5"	83° 38' 13.4"	4
		Lakhanpur	21° 36'16.2"	83° 36' 58.2"	5
		Parbatitang	21° 36' 14.67"	83° 43' 47.89"	3
		Chourasimal	21° 30' 47"	83° 46' 10"	2
27	NKZP	NKZP			5
Total:-					**1000**

Annexure-III-LVII

Bamboo seedball/rhizome plantation and aerial broadcasting of seeds to enrich elephant fodder availability

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In No)
			Latitude	Longitude	
1	**2**	**3**	**4**	**5**	**6**
1	Satkosia WL	Raigoda RF	20.6156	85.0580	2000
		Tuluka RF	20.6046	84.9592	2000
		Purunakote RF	20.5900	84.8300	1000
		Baghamunda RF	20.6100	85.0500	1000
		Tainsi RF	20.7140	84.7387	2000
		Kuru RF	20.6900	84.8300	1000
		Tikarpada RF	20.5969	84.8044	1000
		Majhipada RF	20.5904	84.7654	1000
		Katrang RF	20.5692	84.8504	1000
		Jocub RF	20.6454	84.9741	2000
2	Keonjhar WL	Anandapur, Hadagarh, Deogoan & Brahmanipal	21.216017 21.27361 21.167251 21.113078	86.105617 86.29917 86.054426 85.829912	2000
	Nayagarh	Adjacent to Baisipalli Sanctury area	20.1583	84.8077	2000

Annexure-III-LVIII

Creation and Maintenance of Salt licks

SL. No.	Name of the Division	Location	Geo-coordinate		Unit (In Km.)
			Latitude	Longitude	
1	Angul	Jarapada/Similipathar RF-4	20.94639	84.855083	1
		Jarapada/Devinagar PRF	21.01144	84.804167	1
		Jarapada/Para PRF	20.84919	84.83856	1
		Jarapada/Katada RF-4	20.87887	84.84525	1
3	Satkosia WL	Raigoda RF, C.No. 14, Dangakhola area	20.62733333	85.02036111	1
		Raigoda R.F, C.No. 04, Dhalunalla	20.60397222	85.07461111	1
		Ragoda R.F , C.No.5, Sapamara banka	20.60113889	85.08161111	1
		Raigoda R.F, C. No.13, Jaripanidandi	20.60667778	85.02618056	1
		Raigoda R.F, C. No.09, Near Tersingh Gametank	20.58286111	85.04697222	1
		Kandhaida Chhak, Compt. 2	20.5966	84.8211	1
4	Mahanadi WL	Tikirajhara C/N-20	N- 20 30 56.59	E- 84 46 2.18	1
		Gandipani C/N-16	N- 20 30 5.49	E- 84 46 10.42	1
		Suduru C/N-17	N- 20 30 33.06	E- 84 44 29.25	1
		Khalikana C/N-19	N- 20 25 26.1	E- 84 44 27.4	1
		Takera	N-20 26 14.3	E- 84 45 33.5	1
		Makaraprasad	N- 20 27 35.9	E- 84 47 38.4	1
5	Athmallik	**Bamur Range: -** Dimiridihi NRF Comptt. No. 08	21.039953	84.497792	1
6	Cuttack	Jagatsinghpur Range			1
		Jagatsinghpur Range			1
7	Balasore WL	Kuldiha	N-21^0 24' 53.4"	E-086^0 36' 46.4"	1
		Jodachua	N-21.42856^0	E-086.64899^0	1
		Purunapani	N-21.43018^0	E-086.53703^0	1
		Chemchata	N-21.42163^0	E-086.53056^0	1
		Gohirabhola	N- 21^0 26' 8.27"	E- 86^0 36' 20.4	1
8	Keonjhar WL	Baranga RF	21.0344500	86.076030	1
		Boula RF (near Pitanau)	21.28527778	86.24138889	1
		Boula RF (near Hadagarh)	21.27957100	86.3297030	1
		Boula RF (near Kathakata)	21.25833333	86.23138889	1
		Boula RF (near Gadachandi)	21.23055556	86.22666667	1
		Boula RF (near Daliki)	21.3150000	86.26972222	1
		Baranga RF	21.0344500	86.076030	1
		Boula RF (near Kathakata)	21.25833333	86.23138889	1
9	Similipal (South)	Debasthali	240 42' 12"	86 16' 09.0"	1
		UBK-	210 39' 05.2"	860 18' 0.4"	1
		Jenabi	210 43' 58.6"	860 20' 56.8"	1
		Nuagaon	210 42' 52.8"	860 18' 10.6"	1
		Kabatghai	210 47' 27.9"	860 16' 21.8"	1
		Debasthali	240 42' 12"	86 16' 09.0"	1
		Jenabil	210 43' 58.6"	860 20' 56.8"	1
		UBK	210 39' 05.2"	860 18' 0.4"	1
10	Similipal (North)	Joranda	21 56 6.4	086 24 14.2	1
		Pandabandha / Khadkei	22 01 02.8	086 16 51.6	1
		Chahala	21 59 08.8	086 17 34.6	1
		Brundaban check gate	21 58 21.4	086 17 47.5	1
	Berhampur	Hinjilcut-1	N19 28 39.4	E84 51 53.1	1
		Hinjilcut-2	N19 28 39.4	E84 51 53.1	1
11	Ghumsur North	Bramnasahi RF C/10	20-11-22.3	84-44-35.3	1
		Bramnasahi RF C/04	20-12-11.7	84-42-10.0	1
		Chandragiri RF C/05	20-05-43.1	84-42-00.6	1
		Chandragiri RF C/07	20-04-51.9	84-41-48.7	1
12	Ghumsur South	Kabisuryanagar	20-11-22.3	84-44-35.3	1
		Kharakhari	20-12-11.7	84-42-10.0	1
		Gothuli	20-11-22.3	84-44-35.3	1
13	Parlakhemundi	Uppersambarpatu	N 19 20 58.6	E 84 19 19.8	1
		Raichuan	N 19 20 14.7	E 84 20 39.7	1
		Rangeigamba	N 19 20 35.0	E 84 19 42.3	1
		Kaluamba	N 19 20 31.9	E 84 19 32.1	1
		Mahinsikhata	N 19 20 06.3	E 84 20 39.9	1
14	Balliguda	Tuakala	N19 56 06.2	E83 37 11.1	1
		Gandipada	N19 51 30.7	E83 36 37.8	1
		Bandaka	N19 51 52.7	E83 40 42.5	1
		Pudrung	N19 50 42.2	E83 37 54.0	1
15	Boudh	Panchara RF	N 20 43 33.8	E 84 02 11.5	1
		Subarnagiri RF	N 20 38 13.1	E 84 04 34.0	1
17	Kalahandi (S)	Karlapae Santuary	19-44-17.0	83-13-57.6	1
		Jugsaipatna RF Karlapat	19-44-17.0	83-11-39.8	1

		Jarka RF- Karlapat	19-44-22.7	83-00-43.00	1
18	Khariar	Koilakhala PRF	N20 04 56.7	E082 27 35.0	1
		Koilakhala PRF	N20 03 29.0	E082 30 23.5	1
		Koilakhala PRF	N20 04 29.4	E082 27 54.5	1
		Koilakhala PRF	N20 06 08.6	E082 28 08.8	1
19	Sunabeda WL	Tilemal	N20 41 07.0	E82 30 25.0	1
		Kumti nalla	N20 39 16.0	E82 29 39.0	1
		Chandrasil pathar	N20 39 14.0	E82 29 38.0	1
		Matia jharan	N20 38 53.0	E82 29 47.0	1
		Bhalupani pathar	N20 38 52.0	E82 29 42.0	1
20	Puri WL	Balukhanda Compt. No.IV	19°49'31.79"N	85°52'10.86"E	1
21	Chandaka WL	Jaria	20-24-05.18	85-42-07.45	1
		Kuasaura	20-18-04.37	85-47-25.55	1
		Bharatpur RF	20-18-49.75	85-47-45.75	1
		Ambilo	20-18-02.3	85-39-24.4	1
		Kateni Meadow	20-23-35.89	85-43-48.42	1
	Khordha	Betuli	19-56-48	85-9-56	1
		Sirikuti	19-58-13.22	85-15-30.74	1
22	Nayagarh	Gochha RF C/13	20.040799	85.195072	1
		Patharaganda RF	20.040799	85.195072	1
		Pokharigochha RF, Comptt No.7	20.326104	84.799381	1
		Pokharigochha RF, Comptt No.2	20°14'36"	84°46'38"	1
	Malkangiri	Balimela Chowk	18.236398	82.104613	1
		Oringi	18.371185	82.228895	1
23	Bamra WL	Goeljhumpa Gosahi darha site	22-02-33.50	84-45-80.20	1
		Kichinda Kharichata site	22-01-31.10	84-29-1.04	1
		Betjharan RF	21-52-49.7	84-29-3.19	1
		Add.Kansar RF, Gourenghati	21-30-18.5	84-23-27.8	1
		Add.Kansar RF, Silparchata	21-30-17.8	84-22-58.3	1
24	Hirakud WL	Patheidurga-V	21° 33' 2.6"	83° 37' 17.74"	1
		Juedkhol	21° 34' 02.0"	83° 38' 41.0"	1
		Rengalduhula	21° 36' 21.0"	83° 41' 8.0"	1
		Mahultalu	21° 37' 5.0"	83° 41' 46.9"	1
		Jhagada	21° 36' 06.0"	83° 42' 40.0"	1.00
Total:-					**100**

Annexure-III-LIX

Water Harvesting Structure

SL. No.	Name of the Division	Location	Geo-coordinate		Unit (In Km.)
			Latitude	Longitude	
1	**2**	**3**	**4**	**5**	**6**
1	Angul	Jarapada/Devinagar PRF	21.00411	84.82806	1
		Chhendipada/ Kanurupal RF	21.11808	84.965011	1
2	Satkosia WL	Chhotamunda-3	20.7084	84.8927	1
3	Mahanadi WL	Suaginallah, BPRF C/N-01	20 24 21.0	084 35 08.1	1
4	Cuttack	Dalijora Range	20 24 21.0	084 35 08.1	1
5	Athmallik	**Handapa Range: -**Handapa RF			1
6	Athgarh	Baniabandha RF of Khuntuni Range	20 37 26	85 45 52	1
7	Karanjia	Ektali PRF	N-21°54'07"	E-086°06'03"	1
		Sarubil RF	N-21 57 25	E-85 56 20	1
8	Similipal South	Phuljhara	22°01'07.2"	86°25'04.6"	1
		Namti	21°55'58.0"	86°32'06.1"	1
9	Similipal North	Rajpal	21 57 43.5	086 15 23.9	1
10	Berhampur	Amuaghai	N19 06 22.5	E84 30 58.5	1
		Dutiasahi	N19 10 29.7	E84 22 02.8	1
11	Gumsur South	Inside Jokalundi PRF near Balasingh Village	19 41 11.0	84 54 39.3	1
12	Parlakhemundi	Durgam UDPF near RET plantn	N 18 48 40.0	E 84 15 05.1	1
		Durgam UDPF near RET plantn	N 18 48 38.8	E 84 15 07.3	1
13	Balliguda	Kotagarh-Lassery RF	N19 49 00.2	E83 42 09.2	1
		Nuamunda	N 19 51 09.4	E 83 38 58.5	1
		Lassery RF	N19 44 39.7	E83 40 24.6	1
14	Boudh	Jamukhol RF	20 39 37.55	84 14 43.16	1
		Matakupa, C/6	N 20 37 15.0	E 83 55 20.0	1
		Subarnagiri RF	20 41 34.45	84 14 50.83	1
15	Subarnapur	Kutramunda Nala	N21 00 57.31	E84 07 39.90	1
16	Bolangiri	Muribahal	N21 00 57.31	E84 07 39.90	1
		Muribahal	N21 00 57.31	E84 07 39.90	1
17	Kalahandi North	Th. Gundi DPF	N19 54 53.0	E83 11 35.0	1
18	Kalahandi South	Karlapat	N-19 42 52.0	E-83 04 23.9	1
		Karlapat Sanctuary	N-19 46 39.0	E-83 10 08.0	1

		Junagarh	N-19 53 25.3	E-82 59 55.2	1
19	Khariar	Chaura 'A' PRF	N20 07 42.7	E082 46 53.6	1
		Koilakhala PRF	N20 03 29.0	E082 30 23.5	1
20	Sunabeda (WL)	Bhainsaghati	20 31 52	82 32 48	1
		Badei Antt	N20 39 58.0	E82 24 19.8	1
		Kebdiam	20 29 13	82 26 51	1
21	Chandaka (WL)	Nuakua	20 21 56.23	85 41 48.89	1
22	Malkangir	Mundiguda	18.476003	82.226919	1
		Durmaguda	18.252139	81.687074	1
		Purna Banguru	18.079052	82.121469	1
23	Nawarangpur	Tentulikhunti MF	N19.31566	E82.75812	1
		Koilari RF of Dabugam Range.	N19.48765	E82.33462	1
24	Bonai	Sarkunda RF	N21 49 48.9	E85 09 33.6	1
25	Rourkela	Patipahad RF, Bisra Range	N22 25 03.5	E84 51 47.9	1
		K.Bolang Section, Banki Range	N21 59 37.0	E85 01 01.3	1
26	Sundargarh	Badmal	22 11 41.2	84 07 16.2	1
27	Rairakhol	Redhakhol Bindhyabasani R.F, Compt. No.02	21 01 19	84 24 26	1
		Charmal (Berhampura PRF)	21 07 51.64	84 14 24.87	1
28	Hirakud WL	Lakhanpur	21° 36'16.2"	83° 36' 58.2"	1
29	Bamra WL	Binjipali RF., Ghugar	21 36 35.2	84 15 43.2	1
		Khalasuni RF, Compt no-03 (Telkundi)	21 21 42.9	84 23 29.1	1
Total:-					**50**

Annexure-III-LX

Protection, Assessment and Monitoring of RET species and their habitat within and outside protected areas through community

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In No.)
			Latitude	Longitude	
1	Dhenkanal	Dhenkanal	20-38-50.2	85-36-37.4	1
		Hindol Range	20-38-50.2	85-36-37.4	1
		Meramandali	20-38-50.2	85-36-37.4	1
		Gadasila	20-38-50.2	85-36-37.4	1
		Sardangi Range	20-38-50.2	85-36-37.4	1
		K. Nagar West Range	20-38-50.2	85-36-37.4	1
		Kapilash Range	20-38-50.2	85-36-37.4	1
		Mahabirroad Rnage	20-38-50.2	85-36-37.4	1
2	Satkosia Wildlife Division	Tikarpada	20.590	84.780	1
		Purunakote	20.590	84.830	1
		Raigoda	20.610	85.050	1
		Pampasar	20.700	84.940	1
		Angul Division Office	20.830	85.100	1
		Majhiparha	20.6757	84.7618	1
		Tuluka	20.6302	84.9190	1
		Jillinda	20.520	84.940	1
3	Mahanadi WL	Banigochha West	20°23'57.64"N	84°35'11.58"E	1
		Chhamundia- 2 Nos.	20°29'1.87"N 20°32'42.47"N	84°55'3.29"E 84°43'55.57"E	2
		Banigochha East	20°21'30.20"N	84°48'27.67"E	1
		Kusanga	20°32'42.47"N	84°43'55.57"E	1
4	Balasore WL	Kuldiha	N – 21.467203	E - 86.777985	1
		Soro Range	N-21-19-36	E-86-30-23	1
		Nilgiri Range	N-21.4628667	E-86.7745334	1
		Panchalingeswar	N-21.40878	E-86.734251	1
		Kuntapatna	N-21 20 52	E- 86-36-19	1
		Dhobsila	N-21.494358	E- 86.788085	1
5	Keonjhar (WL)	Anandapur	N-21 12 57.7	E-86 6 19.6	1
		Hadagarh (Kathakata)	N-21 15 13.2	E-86 13 21.5	1
		Hadagarh	N-21 16 25.5	E-86 17 57.2	1
		Brahmanipal (Talapada Range)	N-21 07 31.09	E-85 47 50.3	1
6	Similipal (South)	Jenabil	21 43' 58.6"	86 20' 56.8"	1
		Nawana(S)	21 49' 38.6"	86 24' 41.6"	1
		Pithabata(N),	22 01' 23.6"	860 30' 44.5"	1
		National Park-2,	21 44' 47.5"	86 17' 49.4"	1
		Dukura	21 47' 15.3"	860 39' 39.8"	1
		Pithabata	22 01' 23.6"	86 30' 44.5"	1
7	Similipal (North)	Ghatkuanri	22 03 04.9	086 23 04.2	1
		Kiajhari	21 50 15.0	086 08 05.0	1
		Ranipat	21 51 12.4	086 05 12.5	1

		Gurguria	21 51 20.5	086 14 51.6	1
		Sandhanala	21 37 16.4	086 16 07.9	1
		Madaljhari	21 34 26.0	086 15 15.2	1
		Karkatbeda	21 25 08.2	086 13 38.6	1
8	Parlakhemundi	Ramagiri	N- 19 05 15.34	E- 84 17 11.48	1
		Mohindra	N- 18 57 30.51	E- 84 13 26.33	1
		Chandragiri	N- 19 30 31	E- 84 20 18	1
9	Balliguda	Kotagarh	N 19 50 17.5	E 83 43 32.5	1
		Balliguda	N-20 12 1.2	E-83 54 45.3	1
		Tumudibandha	N19 57 55.8	E83 42 04.6	1
		Bamunigaon	N19 39 23.7	E84 04 22.93	1
10	Kalahandi South	Sagada	N19 48 26.6	E83 07 09.2	1
		Jugsaipatna	N19 45 14.3	E83 11 44.3	1
		Karlapat	N19 40 45.5	E83 09 01.9	1
11	Sunabeda WL	Maraguda	20 42 11.4	82 30 48.1	1
		Sosenge	20 35 19.5	82 28 29.5	1
		Dhorlamunda camp	20 30 15.94	82 32 15.9	1
12	Puri WL	Balukhanda Range	19 49' 31.9"	85 51' 51.8"	1
		Astarang Range	19 55' 57.4"	86 16 55.3"	1
		Gop Range	19 58' 15.582"	86 01 27.048"	1
		Brahmagiri Range	19 47' 49.15"	85 38' 30.52"	1
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
		Satapada/ Chilika Range	N- 19 39 59.46 N- 19 39 54.98	E- 85 26 23.97 E- 85 23 08.82	1
14	Mangrove Forest Division(WL)Rajnagar	Kujanga	N-20 04 43.46	E- 86 27 11.71	1
		Mahakalpada	N- 20 19 46.7	E- 86 44 11.4	1
		Rajnagar	N-20 36 52.89	E-86 53 40.10	1
		Gahirmath	N- 20 29 45.59	E- 86 44 05.88	1
		Kanika	N- 20 44 25.2	E- 86 52 3.7	1
		Rajnagar	N-20 36 52.79	E-86 53 41.10	1
15	Chandaka WL	Chandaka	20 22 13.13	85 46 05. 29	1
		Madua	20 17 09.00	85 36 33.69	1
		Malimuhna	20 18 54.0	85 46 46.50	1
		Dholakatha	20 21 20.6	85 46 52.01	1
		Hill Top	20 22 38.0	85 39 05.09	1
16	Bhadrak WL	Bhadrak	21.016527	86.5039916	1
		Chandbali	20.773386	86.736837	1
17	Bamra WL	Garposh	22 08 8.0	84 25 40	1
		Badbahal	21 45 16.2	84 36 29.3	1
		Mendhalhal	21 37 12.12	84 11 1.68	1
		Kuchinda	21 45 2.38	84 21 9.0	1
		Badrama	21 29 25.3	84 16 31.2	1
		Kisinda	21 19 42.4	84 20 55.4	1
18	Hirakud WL	Lakhanpur	21° 36' 16.2"	83° 36' 58.2"	1
		Kamgaon	21° 26' 51.52"	83° 38' 12.53"	1
		Samardhara	21 32 13.0	83 31 10.1	1
		Dhodrokusum	21 30 2.9	83 46 16.1	1
19	DD, NZP	Nandankanan	20 23 08	85 48 09	1
Total:-					**87**
WL Head Qtr.:-					**3**
Grand Total:-					**90**

Annexure-III-LXI

Monitoring, surveilance and Protection of Meta population of important wildlife species including RET species outside protected areas through local communities.

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In No.)
			Latitude	Longitude	
1	**2**	**3**	**4**	**5**	**6**
1	Angul	Bantala	20.74255556	85.06294444	1
		Jarpada	20.87772	84.88225	1
		Chhendipada-I	21.07698	84.87469	1
		Kaniha	21.09394444	85.05802778	1
2	Athagarh	Narasinghpur East Range	N 20 27 30.7	E 85 04 17.9	1
		Narasinghpur West Range	N 20 25 31.7	E 85 14 21.9	1
		Athagarh Range	N 20 31 16.9	E 85 38 13.9	1
		Khuntuni Range	N 20 33 43.3	E 85 43 39.9	1
		Badamba Range	N 20 24 51.7	E 85 21 02.8	1
3	Cuttack	Sukinda Range,	N 20 57 8.38612	85 54 56.83543	1
4	Athmallik	Handpa Range	20 57 10.9	84 48 12.9	1
		Bamur Range	21 00 43.5	84 28 57.0	1

		Madhapur Range	20 49 30.4	84 26 41.7	1
5	Rairangpur	Rairangpur Range	22 15 56.21	86 10 26.99	1
6	Karanjia	Satkosia Range	21-21-35.6	86-08-46.5	1
		Karanjia	21-20-31.2	86-05-44.2	1
7	Baripada	Baripada	N- 21 55 40.9	E- 86 43 36.4	1
		Udala	N- 21 53 34	E-86 26 15	1
8	Berhampur	Tumba	N- 19 01 25.6	E-84 27 25.6	1
		Digapahandi	N- 19 23 2.0	E-84 33 63.0	1
		Tamana	N- 19 05 18.6	E- 84 43 2.0	1
		Purunabandha	N- 19 23 36.6	E- 85 05 14.9	1
		Berhampur	N-19 19 12.8	E-84 46 41.0	1
		Khalikote	N-19 36 25.6	E- 85 04 44.2	1
9	Ghumsur North	Mujagada Range	N-19 58 11.8	E- 84 24 09.4	1
		Jagannathprasad Range	N-20 04 13.0	E- 84 47 22.8	1
		Tarasingi Range	N-20 05 37.0	E- 84 42 08.8	1
10	Ghumsur South	Aska- 10 Nos. in Aska Range	N-19 39 22.6	E-84 41 22.0	1
		Guguda Range	N- 19 48 34.9	E- 84 47 24.86	1
		Surada Range	N-19 44 43.29	E- 84 26 31.44	1
11	Boudh	Boudh Range	N20 50 41.9	E84 18 58.1	1
		Kantamal	N20 42 37.8	E83 49 20.4	1
		Madhapur	N20 26 59.0	E20 39 20.4	1
12	Phulbani	Badabaraba	19 53 22.6	84 20 36.8	1
		Tikabali	20 14 41.8	84 21 3.4	1
13	Subarnapur	Binka Range	N 21.02 79 59	E 83.800 634	1
		Sonepur Range	N 20 50 37.15	E 83 54 17.28	1
		Ullunda Range	N 20 58 29.6	E 83 52 46.8	1
14	Bolangir	Harishankar Range	N- 20 45 3.0	E-82 51 36.1	1
		Loisingha Range	N- 20 51 8.35	E- 83 30 42.9	1
15	Kalahandi North	M.Rampur	N- 20 11 34.0	E-83 31 04.6	1
		Narla	N- 20 11 32.6	E- 83 31 04.4	1
16	Khariar	Sinapali Range	N- 20 06 44.7	E- 82 32 47.0	1
		Khariar	N- 20 16 41.7	E- 82 22 43.0	1
17	City Forest	Bhubaneswar	20.24306 20.25825 20.270454	85.76611 85.72239 85.719736	1
		Bhubaneswar	21.19467	85.85112	1
		Cuttack	20.2941 20.2930	85.4836 85.4755	1
18	Khordha	Khordha	20-11-11.9	85-37-08.43	1
		Balugaon	20-10-10.8	85-35-09.35	1
		Ranpur	19-03-28.1	85-20-30.9	1
19	Nayagarh	Mahipur existing	N- 20 09 49.3	E- 84 59 41.30	1
		Daspalla	20.324972	84.85191	1
		Oda gaon Range	N-20 01 01.55	E-84 58 51.73	1
20	Rayagada	Muniguda Range	19.622153	83.495524	1
		Rayagada Range	19.17805	83.39033333	1
		Tikiri Range	19.179449	83.090244	1
21	Jeypore	Gupteswar	N- 18.453700	E-82.143500	1
		Kundra	N- 18.927896	E-82.381819	1
		Borigumma	N- 18.727897	E-82.281820	1
		Kotpad	N-19.08336	E-82.194	1
22	Nawarangpur	Nawaranpur	N19.26893	E82.53802	1
		Papadahandi	N19.32811	E82.51921	1
		Raighar	N19.88695	E82.07369	1
23	Koraput	Semiliguda	18.70487	82.84415	1
		Koraput	18.81756	82.71014	1
24	Malkangiri	Mathili Range	18.58185	82.285036	1
		Chitrakonda	18.10714	82.11575	1
25	Bonai	Kuliposh	N21 47 24.9	E85 01 49.8	1
		Jarda Range	N- 21 47 4.5	E-84 35 1.2	1
26	Deogarh	Khamar Range	N21 15 58.7	E85 11 10.8	1
27	Keonjhar (T)	Ghatagaon Range	21-23-48.4	85-53-46.2	1
		Telkoi Range	22-21-25.8	85-23-53.7	1
		keonjhar Range	21-38-10.9	85-36-28.05	1
28	Rourkela	Panposh Range	22°15'23.70"N	84°52'02.71"E	1
		Banki Range	22°05'43.85"N	84°53'42.18"E	1
		Banki Range	22°04'43.85"N	84°52'42.18"E	1
		Rajgaganpur	N-22 11 19.8	E-84 34 52.7	1
29	Sundargarh	Sundargarh Range	N 22 07 01.2	E 84 02 56.3	1
		Bargaon Range	N 22 10 18.06	E 84 17 18.10	1
		Kujalpur	N-22 28 0010	E-83 946081	1
		Lepharipara	N-22 09 04.6	E-83 43 38.2	1
30	Sambalpur	Sadar Range	21-28-21.44	83-59-42.18	1

		Rengali	21-38-11.6	84-02-38.09	1
31	Jharsuguda	Bagdihi Range	N-21-55 54-30	E-84-11 29-67	1
		Kolabira	N-21 47 48.84	E-84 10 37.36	1
32	Rairakhol	Redhakhol Range	21 04 05.79	84 20 25.47	1
		Charmal	21 11 18.26	84 14 27.83	1
		Naktideul	21 15 06.0	84 32 12.2	1
33	Bargarh	Bhatli Range	N-21 27 38.2	E-83 32 10.0	1
		Padmpur	N-21 26 351	E-83 33 9.0	1
		Total:-			**90**

Infrastructure

Annexure -III-LXII

Maintenance of Forest Road

Sl. No.	Name of the Division	Range Name	Name of the Road	Length (RKM)	Geo-coordinates			
					Start point		End point	
					Latitude	Longitude	Latitude	Longitude
1	Angul	Bantala	Nuakheta to Raigoda	5.5	20.653950	85.066730	20.621430	85.067490
		Jarapada	Ugi-Antulia Forest Road	5	20.811840	84.834680	20.790880	84.860210
		Angul	Manikjodi to Sitikoili Road	5	20.756617	84.903339	20.769250	84.867403
		Talcher	Gaham-Bulajhar Forest Road	3	21.104361	85.168417	21.096667	85.192917
		Total-		**18.5**				
2	Athmallik		Girida to Lenkedachhida	10	20.851428	84.445630	20.769250	84.867403
			Khadarapada-Ketakijharan	4	20.796500	84.464555	20.810083	84.480139
			Northern RF Compt. No. 26-28	4	20.796500	84.464555	20.810083	84.480139
			Kamrei-udal-Dimiridihi	16	20.968889	84.630694	21.047139	84.596889
			Udal-Jharjhari	2	20.968889	84.630694	20.992778	84.589444
			Jadupur-Daruha	10	20.762872	84.554080	20.992778	84.589444
			Hingmandal-Ketakijharan	2	20.762872	84.554080	20.992778	84.589444
			Dhandatopa-Bipradiha	2	20.762872	84.554080	20.992778	84.589444
			Girida-Dhandatopa	12	20.762872	84.554080	20.992778	84.589444
			Haripur-Dimiridihi-Pathargarh	22	20.762872	84.554080	20.992778	84.589444
			Phulamba-Purunapani	4	20.982778	84.578333	20.992778	84.589444
			Charichhak-Silkhaman	4	20.982778	84.578333	20.992778	84.589444
			Pathargarh-Sureswari	4	20.982778	84.578333	20.992778	84.589444
			Rangamatia-Brundabanpur	4	20.982778	84.578333	20.992778	84.589444
			Handapa RF Compt. No.1-7	6	20.982778	84.578333	20.992778	84.589444
			Bipradiha-Dhandatopa	3	20.982778	84.578333	20.992778	84.589444
			Bipradiha to Dhandatopa	24	20.982778	84.578333	20.992778	84.589444
			Udal to Khola	5	20.982778	84.578333	20.992778	84.589444
			Udal to Tentuligoth	5	20.982778	84.578333	20.992778	84.589444
			Kamrei Udal(part)	7	20.982778	84.578333	20.992778	84.589444
		Total-		**150**				
3	Dhenkanal	Hindol	Hindol-Fasigoan	42	20.521222	85.375583	20.521222	85.375583
		K.Nagar East	Umendra-Ekul	11	21.135417	85.695056	21.135417	85.695056
		K.Nagar West	Siarimali-Jhili	13	20.976222	85.459806	20.976222	85.459806
		K.Nagar West	Pathargarh-Gundichanali	14	21.038861	85.505972	21.038861	85.505972
		Total-		**80**				
4	Athgarh	Badamba	Badamba- Aranda	6	20.415000	85.327056	20.466028	85.327056
		Badamba	Chanchunia- Guptamanika	2	20.495000	85.283722	20.486944	85.269778
		Narasingpur East	Bhuska- Raigoda	7	20.570112	85.125048	20.596210	85.084717
		Narasingpur East	Badaosha- Dalak	4	20.557626	85.134743	20.527558	85.144186
		Khuntuni	Bhogua- Orda	7	20.639170	85.783060	20.635000	85.798610
		Khuntuni	Rajballavapur- Orda	8	20.600560	85.804720	20.635170	85.798610
		Narasingpur East	Sermunda- Guptamanik	4	20.551130	85.168105	20.524134	85.195386
		Total-		**38**				
5	Cuttack	Sukinda	Khuntaposi to Chanakote	5	21.084722	85.735278	21.117222	85.750833
		Total-		**5**	21.084722	85.735278	21.117222	85.750833
6	Nayagarh	Khandapada	Singhapada - Angisingi	9.6	21.084722	85.735278	21.117222	85.750833
		Khandapada	Khandapada - Kaudia	8	21.084722	85.735278	21.117222	85.750833
		Khandapada	Khalisahi - Nuapalli	6.5	21.084722	85.735278	21.117222	85.750833
		Mahipur	Andharakani - Kaudia	12	20.309830	84.962470	20.254893	85.031545
		Nayagarh	Andharakani - Kaudia	18	20.222780	85.110000	20.254831	85.031722
		Mahipur	Gateri - Barakola	18	20.165280	84.854900	20.139010	84.957890
		Panchirida	Gochha - Simili - Dhuannali	7.9	19.978207	85.118898	19.952142	85.123742
		Total-		**80**				
7	Phulbani	Tikabali	Nediguda-Andrigada	4.5	20.168722	84.576660		
		Tikabali	Kasama-Andrigada	8	20.153500	84.525360		
		Tikabali	Kupati-Gasama	5.5	20.140810	84.498520		
		Tikabali	Chahali-Kupati	7	20.161400	84.506528		
		Total-		**25**				

8	Baliguda	Daringbadi	Sikaketa to Kumbharbadi	6	20.003290	84.102500	20.011520	84.092370
		Tumudibandha	Dhoblakhaman to Guchuka	6	19.562740	83.411100	19.562730	81.410950
		Kotagarh	Kotagarh to Padelpadar	5	19.504600	83.435100	19.523200	83.454700
		Kotagarh	Srirampur to Tikarigaon	8	19.404530	83.534870	19.425890	83.511550
		Total-		**25**				
9	Boudh	Boudh	Debagarh to Samapaju	8	20.743306	84.300556	20.664083	84.271944
		Manamunda	Chancher to Palasagora	15	20.643718	84.027510		
		Manamunda	Tilpanga to Matagadu	15	20.613892	84.142506		
		Total-		**38**				
10	Gh.South	Buguda	Talasara to Nuapalli	3				
		Polasara	Randi to Nadiamba	3	19.783694	84.891306	19.817000	84.918417
		Polasara	Nadiamba to Pantiama	5	19.794861	84.993306	19.811250	84.960194
		Surada	Minajodi to Adigudi	4	19.791111	84.263528	19.775639	84.240280
		Surada	Asurabandha to Minajodi	5	19.799306	84.347333	19.794722	84.273530
		Total-		**20**				
11	Gh.North			0				
		Total-		**20**				
12	Berhampur	Brahmapur	Khandalbandh to Bhaliaguda	3	21.196100	83.992080		
		Total-		**3**				
13	Parlakhemundi		Kanikipadar to Nuasahi	3	21.196100	83.992080		
			Rugeisingi to Dhenkabandha	1	21.196100	83.992080		
		Total-		**4**				
14	Sambalpur	Dhama	Kolgaon to ludhaguda	5	21.196100	83.992080		
		Dhama	Kolgaon to Tabloi	6	21.185640	83.994240		
		Padiabahal	Chhamunda to Jamtal	4	21.333540	84.168660		
		Total-		**15**				
15	Rairakhol	Redhakhol	Dhunkchhali to Rail	3	21.099700	84.390400		
		Redhakhol	Luhapank to Bhahmani	5	21.070700	84.434900		
		Charmal	Charmal to Balikiari	10	21.147180	84.270700		
		Badmal	Punjipathar to Bhaluchuan	4	21.128400	84.125600		
		Badmal	Mochibahal to Talab	5	21.163100	84.171200		
		Girishchandrapur	Phulkusum to Talab	5	21.272700	84.322200		
		Naktideul	Kudanali to Chadachadi	8	21.129500	84.649100		
		Total-		**40**				
16	Bamara WL	Bamra	Garposh-Kuladera	3	22.078889	84.401944		
		Bamra	Ghunghuti-Kholbilung	5	22.006110	84.450278		
		Bamra	Kesaibahal-Betjharan	3	21.916080	84.399481		
		Jamankira	Taranda-Udsung	2	21.588552	84.227825	21.590978	84.215533
		Jamankira	Jharpur-Laimura	5	21.634070	84.500872	21.612747	84.522589
		Badrama	Badrama-Bhutel	4.5	21.527666	84.247022		
		Badrama	NH-6 -Podadihi	3.5	21.482972	84.357250		
		Badrama	Nunvet-Badkachhar	4	21.418861	84.325188		
		Total-		**30**				
17	Hirakhud WL	Lakhanpur WL	Khajuria to Patheidurga	5	21.525253	83.613281	21.544675	83.609156
		Kamgaon WL	Dhodrokusum to Chourasimal	5	21.500861	83.770833	21.540556	83.755667
		Total-		**10**				
18	Bonai	Sole	Solguda- Rankey Forest Road	5	21.941220	84.618360	21.972980	84.678450
		Sole	Jhaliadihi- Sirigida Forest Road	5	21.999750	84.537690	22.025280	84.605560
		Sole	Jada- Bankhaman Forest Road	5	22.034170	84.621110	22.017780	84.639440
		Sole	Sirigida-Bankhaman Forest Road	5	22.025280	84.605560	22.034170	84.621110
		Total-		**20**				
19	Deogarh	Khamar	Chargochia Tudaghat	5	21.192770	85.105480		
		Reamal	Plasama to Khairapali	2.7	21.170530	84.531140		
		Deoagarh	Gundiapali to Suguda	4.8	21.171580	84.453180		
		barkote	Sarulai to Atul	4.5	21.548408	85.179886		
		Barkote	Kaliapal to Jalisuan	8	21.574765	85.060505		
		Total-		**25**				
20	Baripada	Deuli	Badsole to Bankati	5	22.035000	86.949440	22.059494	86.976620
		Baripada	Lulung to Aranya nivas	5	21.944470	86.573630	21.933460	86.549500
		Total-		**10**				
21	Balasore WL	Soro	Betei to Purunapani	5	21.396689	86.506239	21.405833	86.376667
		Soro	Balimunduli to Champeswar	1	21.361111	86.582222	21.369167	86.585278
		Total-		**6**				
22	Similipal (N)	Gurguria WL Range	Kalikaprasad Check to Gurguria	11	21.898111	86.190278		
		Barehipani WL Range	Tulsibani to Badaghati	17.5	21.968639	86.151722		
		Barehipani WL Range	Badaghati to Machininala	19	21.958694	86.244528		
		Chahala WL Range	Brundaban to Chahala	3	21.972056	86.277778		
		Chahala WL Range	Chahala to Asanbani	6	21.958861	86.314028		
		Chahala WL Range	Chahala to Kairakacha	3	21.981472	86.355167		
		Chahala WL Range	Karkachia Chhak to Bhatunia via Karkachia	22	21.981139	86.307833		
		Chahala WL Range	Jojo Chhak to Mathurakerai	14	22.017750	86.245111		
		Chahala WL Range	Chahala Ring Road	4.5	22.012694	86.299944		

		Total-		**100**				
23	Similipal (S)	Jenabil	Gunduria- Choudhurigharh via Tiktali	9	21.644278	86.410222	21.660833	86.413389
		Piithabata(S)	Palasibeda - Badmakabadi	12	21.914167	86.523889	21.823583	86.484139
		Jenabil	Hatisal- Rushibasa	9	21.701333	86.401028	21.669194	86.434139
		National Park	Khadichaturi - Doliguda	15	21.750806	86.205028	21.769889	86.249639
		Pithabata (S)	Muni Matha - Bhajam	17	21.960278	86.492556	21.960297	86.492364
		Podadiha	Manobhanga - Dangadiha	14	21.539024	86.402993	21.512086	86.331830
		Dukura	Baniabasa - Chhanumber	9	21.753522	86.485420	21.748261	86.447112
		Pithabata (S)	Andharitota - Badamakabdi	6	21.848763	86.491683	21.823622	86.483782
		Pithabata (S)	Andharitota - Sabarbasa	5	21.848763	86.491683	21.825901	86.515963
		Pithabata (S)	Namti - Kachudahan	2	21.932778	86.535028	21.870957	86.509510
		Pithabata (N)	Purnapani - Chakidi	2	22.018705	86.417787	22.002447	86.410143
		Total-		**100**				
24	Keonjhar WL	Hadagarh	Kathakata - Pitanau	10	21.265556	86.239722	21.287222	86.281389
		Total-		**10**				
25	Kalahandi(N)	M.Rampur	Urladani to Mohangri	4	20.153111	83.693667	20.178917	83.692556
		Narla	Tulapada to Manikera	6.5	20.122139	83.460917	20.098389	83.539667
		Narla	Kamarda to Bhurty	5	20.019861	83.429639	19.996861	83.460833
		Kegaon	Golamunda to Bokrasil	3	20.020944	82.747750	19.998778	82.731694
		Total-		**18.5**				
26	Kalahandi (S)	Karlapat	Jakam-Karlapat	9	19.746972	83.109194	19.678056	83.144722
		Karlapat	Jugsaipatna-Ghatikutru	4	19.751090	83.194980	19.675940	83.234190
		Karlapat	Sagada- Deodara	7	19.798240	83.071040	19.798050	83.070950
		Total-		**20**				
27	Subarnapur		Hatilimunda to Bhaluchuan	7	21.044017	84.092189	20.997867	84.119567
			Kharapura to Sunapali	11	21.123377	83.958760	21.050833	83.969444
		Total-		**18**				
28	Bolangir	Balangir	Bijakhaman to Sikachhida	14	20.674580	83.460830	20.646640	83.398470
		Deogaon	Dhanpur to Thekovella	4	20.389080	83.649780	20.381750	83.628750
		Harishankar	Harishankar-Sapmund	5	20.853440	82.860640	20.836560	82.831560
		Harishankar	Harishankar-Sapmund	5	20.836280	82.831030	20.820330	82.818750
		Harishankar	Harishankar-Sapmund	5	20.818030	82.818030	20.804610	82.792750
		Lathore	Kharli-Patpani	1	20.623790	82.742250	20.616980	82.743340
		Lathore	Dhaurakhaman-Pandkima	2	20.624430	82.822950	20.638590	82.833960
		Muribahal	Satbahani - Jaintara	10	20.394919	83.122160	20.449015	83.135953
		Muribahal	Dengpadar - Satbahani	5	20.348447	83.087459	20.394886	83.093623
		Patnagarh	Khursel to Khola	4	20.661940	83.169170	20.559920	83.188670
		Patnagarh	Keomal to Patanipita	4	20.831110	83.137640	20.849440	83.121470
		Patnagarh	Gunchadihi to Thelkochhapar	2	20.850360	83.262530	20.843610	83.252810
		Saintala	Naikensira to Lamkani Forest Road	13	20.480310	83.283840	20.514680	83.396250
		Titilagarh	Siker-Gulmi Forest Road	3	20.370380	83.188730	20.361520	83.163400
		Titilagarh	Gokhurung -Narikata Forest Road	3	20.305850	83.283220	20.327470	83.267070
		Total-		**80**				
29	Khariar	Sinapali	Darlipada to Ghatmal	19.5	20.027220	82.543890	20.077500	82.459400
		Sinapali	Ghatmal to Amlipadar	31.2	20.128860	82.446170	20.155140	82.339300
		Sinapali	Sinapali to Patialpada	8	20.069580	82.670310	20.055580	82.687400
		Sinapali	Ghatmal to Chitarama	5.6	20.113060	82.424440	20.128780	82.445900
		Sinapali	Liad to Ranimunda	5.6	20.114190	82.796140	20.153860	82.793900
		Sinapali	Ghatmal to Patdarah	6.2	20.127140	82.443220	20.179110	82.457400
		Sinapali	Patialpada to Kaseipani	2.5	20.015604	82.669945	20.067030	82.684900
		Sinapali	Chikalchuan to Ghatmal	14.4	20.161670	82.462220	20.230920	82.502400
		Khariar	Dhobei to Redhamal	5	20.327696	82.537880	20.383500	82.545360
		Khariar	Liad, Ranimunda	2	20.160616	82.790757	20.144670	82.793170
		Total-		**100**				
30	Sunabeda WL	Nuapada WL Range	Lodra to Chhot Lodra	2	20.680556	82.434167	20.723889	82.416944
			Katingpani to Bhaosil	3	20.651667	82.422222	20.644167	82.396667
		Sunabeda WL Range	Godbhata to Patdarha via Khadang road	10	20.503056	82.466389	20.441111	82.454444
		Komna WL Range	Chereichuan to Bankiam	5	20.533611	82.537500	20.483889	82.552222
		Total-		**20**				
31	Rayagada	Gudari	Derigon to Durughati Forest Road	5	19.260433	83.750870	19.360433	83.770870
		Gudari	Naira to Karlagati	4	19.295550	83.736388	19.295553	83.756388
		Total-		**9**				
32	Koraput	Narayanpatna	Ambaguda to Paramjhola	7	18.961232	83.174663	18.975046	83.188623
		Narayanpatna	Chidivalsa to Kaspavalsa	8	18.813484	83.271885	18.821756	83.291701
		Narayanpatna	Naryanpatna to Daberi	10	18.884252	83.173107	18.888464	83.177485
		Total-		**25**				
33	Silva BBSR	Bhubaneswar Research Range	Khandagiri	5	20.280908	85.782111	20.273756	85.782322
		Total-		**5**				

34	Silva Rayagada	Rayagada Research Range	Talagumma Research Station	2	19.124382	83.165516	19.125252	83.170000
		Bhawanipatna Research Range	Jaring Nursery	5	19.531630	83.010480	19.535567	82.593701
		Balangir Research Range	Balangir Research Station	5	20.403853	83.274569	20.412630	83.272377
		Koraput Research Range	Koraput Research Station	8	18.491460	82.412400	18.493859	82.412513
		Total-		**20**				
		Grand Total-		**1139.1**				

Annexure -III-LXIII

Culvert

Sl No.	Name of Division	Name of Range	Location/ Site details	Qty.	Geo-coordinates	
					Latitude	Longitude
1	Angul	Jarapda	Antulia Tabada RF Comptt No-4	1	20.797200	84.860000
	Angul	Angul	Pokunda Manikjodi Forest Road	1	20.757220	84.894440
2	Satkosia WL	Purunakote	Fireline-Kadalikhola Forest Road	1	20.672600	84.811500
		Purunakote	Patapole-Asanabahal Road	1	20.702300	84.793200
		Purunakote	Baghamunda-Bipradiha road	1	20.671800	84.728900
3	Dhenkanal	Hindol	Hindol-Fasigoan	1	20.521222	85.375583
		Dhenkanal	Hitinda-Mahulapunji	1	20.573417	85.658778
		K.Nagar East	Umendra-Ekul	1	21.135417	85.695056
		K.Nagar West	Siarimalia-Jhili	1	20.976222	85.459806
		K.Nagar West	Aluajharan-Muktapasi	1	20.946136	85.408106
		K.Nagar East	Baiganpal-Ekul	1	21.146917	85.637472
		K.Nagar West	Sundhikateni-Bilesuni	1	20.794285	85.433933
		K.Nagar West	Pathargada-Gundichanali	1	21.038861	85.505972
		Dhenkanal	Jharana to Chhanabolua	1	20.626790	85.690612
4	Athgarh	Narasinghpur East	Olaba RF C/1	1	20.489306	85.263194
5	Cuttack	Dalijora	Haripur to Raijhara Forest Road	1	20 40 24.4	85 58 44.6
		Dalijora	Mangarajpur to Kusunpur Forest Road	1	20 37 43.0	85 53 26.0
		Dalijora	Mangarajpur to Kusunpur Forest Road	1	20 38 39.0	85 54 07.0
		Sukinda	On Khuntaposi to Chanakote	1	21 05 32	85 44 25
		Sukinda	On Khuntaposi to Chanakote	1	21 06 04	85 44 28
		Sukinda	On Khuntaposi to Chanakote	1	21 06 13	85 44 31
6	Mahanadi WL	Kusanga WL Range	Nuapada Nala	1	20.47641389	84.94363889
7	Puri WL	Balukhanda WL Range	Chitananda Ashram road	1	19.83035000	85.87408333
		Astaranga WL Range	Near Proposed Nature camp at Muhanamuha	1	19.95524167	86.32945833
8	Rajnagar WL	Mahakalpada WL Range	Kansaridia PRF	1	20.38638889	86.75305556
		Mahakalpada WL Range	Sanatubi PRF	1	20.35638889	86.72638889
9	Nayagarh	Nayagarh	Badurma to Mulajhara	1	20.096686	85.042926
		Nayagarh	Badurma to Mulajhara	1	20.096686	85.042926
		Nayagarh	Badurma to Mulajhara	1	20.096686	85.042926
		Khandapada	Khalisahi - Nuapalli	1	20.277242	85.106147
		Khandapada	Khalisahi - Nuapalli	1	20.277242	85.106147
		Odagaon	Balisinsa - Odakapa	1	20.057000	84.859100
		Odagaon	Balisinsa - Odakapa	1	20.055500	84.858800
		Odagaon	Balisinsa - Odakapa	1	20.053300	84.858300
10	Phulbani	Tikabali	Kasama-Andrigada(Ajukupa Nalla)	1	20.153500	84.525360
11	Boudh	Boudh	Debgarh to Samapaju	2	20.619173	84.238246
		Manamunda	Tilpanga to Matagadu	2	20.634194	84.088944
		Manamunda	Tilpanga to Matagadu	2	20.637806	84.102556
		Manamunda	Chancher to Palasagora	2	20.623361	84.950889
		Manamunda	Chancher to Palasagora	2	20.628083	84.942556
		Purunakatak	Adenigarh to Khuntapada	1	20.516400	84.464000
		Kantamal	Tentulimunda	2	20.439580	83.717339
		Kantamal	Malikud to Sindhugora	1	20.604969	84.734999
		Kantamal	Malikud to Sindhugora	1	20.593604	84.740068
		Kantamal	Palasagora to Chancher	1	20.623850	84.920828
		Madhapur	Adenigarh to Baisipada	1	20.514583	84.467167
		Madhapur	Adenigarh to Baisipada	1	20.510278	84.462389
12	Gh. South	Polasara	Nadiamba to Pantiama	2	19.807778	84.943333
		Surada	Minajodi to Adigudi	2	19.792833	84.273750
				1		
				1		
13	Parlakhemundi	R.Udayagiri	Rugeisingi to Dhenkabandha	1	19.270125	84.112966
		R.Udayagiri	Rugeisingi to Dhenkabandha	1	19.271179	84.112449
		R.Udayagiri	Rugeisingi to Dhenkabandha	1	19.275980	84.112508
		R.Udayagiri	Rugeisingi to Dhenkabandha	1	19.280174	84.113396
		R.Udayagiri	Rugeisingi to Dhenkabandha	1	19.282494	84.114300

14	Rairakhol	Badbahal	Rahan Watch Tower	1	20.934138	84.272914
		Badbahal	Tal Watch Tower	1	21.021474	84.300666
		Badbahal	Kuakhol Batra Road	1	21.030105	84.172055
		Charmal	Kuakhol Batra Road	1	21.027895	84.172805
		Badmal	Mochibahal Talab	2	21.160300	84.189300
		Badmal	Punjipathar Bhaluchuan	1	21.126000	84.122300
		Badmal	Kuakhol Batra Road	2	21.065094	84.143307
15	Bamara WL	Bamra	Kesaibahal Betjharan Forest Road	1	21.909167	84.399444
		Jamankira	BInjipali Dangapal Forest Road	1	21.641578	84.223389
		Khalasuni	Kisinda Badkachhar Forest Road	1	21.380006	84.331681
16	Hirakud WL	Lakhanur WL Range	Budelkhulia	1	21.593833	83.611194
		Lakhanur WL Range	Limdhuda	1	21.628833	83.674972
		Lakhanur WL Range	Kumkhol Nallah	1	21.696389	83.644833
		Lakhanur WL Range	Rengali Ghati	1	21.698333	83.632889
		Lakhanpur WL Range	Pather Bandha	1	21.697333	83.641222
		Lakhanpur WL Range	Ucchakapar	1	21.691222	83.655167
		Lakhanpur WL Range	Karlatalu	1	21.632250	83.703556
17	Rourkela	Rajgangpur	Haldipani -Rengabeda Forest Road	1	22.113889	84.678056
18	Karanjia			1		
				1		
				1		
19	Balesore WL	Kuldiha	Chandichua Nallah	1	21.397222	86.539167
		Kuldiha	Andhari Nallah	1	21.405917	86.581194
20	Similipal South Wildlife	Nawana(S)	Khadiabasa	1	21.785724	86.394030
		Nawana(S)	Sushilabasa	1	21.821110	86.391980
		Bhanjabasa	Dhobighat	1	21.949900	86.734181
		Jenabil	Sarabasa	1	21.755009	86.395322
		Jenabil	Dalki Nala	1	21.733062	86.356554
		Upperbarakamuda	Champagada Chhak Nala	1	21.645337	86.215792
		Nawana(S)	Kaleibasa Nala	1	21.796847	86.454980
		National Park	Khadichaturi	1	21.750886	86.206029
21	Kalahandi North	Kegaon	Forest Road -Sikuan to Ramchandrapur	1	20.085000	82.970833
		Kegaon	Forest Road -Sikuan to Ramchandrapur	1	20.121154	82.955402
		Kegaon	Forest Road -Sikuan to Ramchandrapur	1	20.117712	82.959382
22	Bolangir	Saintala	Naikensira to Lamkani Forest Road	1	20.505330	83.324460
		Saintala	Naikensira to Lamkani Forest Road	1	20.505330	83.324460
		Balangir	Bijakhaman to Sikachhida Forest Road	1	20.683690	83.404470
		Balangir	Bijakhaman to Sikachhida Forest Road	1	20.662970	83.396250
		Balangir	Bijakhaman to Sikachhida Forest Road	1	20.647030	83.398690
		Balangir	Bijakhaman to Sikachhida Forest Road	1	20.647280	83.397500
23	Sunabeda WL	Sunabeda WL Range	Kebdiam-I along Sunabeda to Datunama forest road	1	20.491111	82.448333
		Sunabeda WL Range	Kebdiam-II along Sunabeda to Datunama forest road	1	20.491111	82.448056
		Sunabeda WL Range	Chipri along Sunabeda to Datunama forest road	1	20.477778	82.445833
		Sunabeda WL Range	Khadang along Sunabeda to Datunama forest road	1	20.454444	82.445278
		Sunabeda WL Range	Gansanpada along Sunabeda to Dharambandha forest road	1	20.517778	82.444167
		Nuapada WL Range	Chuikhal along with Jharlama to Chacharaghati forest road	1	20.605750	82.362000
		Nuapada WL Range	Upkapani along with Upkapani to Chuapada forest road	1	20.646667	82.388056
		Nuapada WL Range	Patharpodi along with Golabandh to Maraguda forest road	1	20.705278	82.508611
		Nuapada WL Range	Rajakendu road along with Katingpani to Chuapada forest road	1	20.655556	82.408611
		Nuapada WL Range	Kantajhola along with Golabandh to Maraguda forest road	1	20.670278	82.510278
		Nuapada WL Range	Mulchhan Nalla along with Tanwat to Haluapali forest road	1	20.670278	82.509722
		Nuapada WL Range	Mulchhan Nalla along with Tanwat to Haluapali forest road	1	20.670000	82.510000
		Nuapada WL Range	Bhalupani along with Pandripani to Khaliapada forest road	1	20.700278	82.373056
		Nuapada WL Range	Bhalupani along with Pandripani to Khaliapada forest road	1	20.701389	82.376111
		Nuapada WL Range	Bhalupani along with Pandripani to Khaliapada forest road	1	20.703333	82.376389
24	Koraput			1		
				1		
				1		
				1		
				1		
				1		
				1		
25	Nabarangpur	Kodinga	Jharkondapuri to Malbeda	1	19.410800	82.214420
		Kodinga	Jharkondapuri to Malbeda	1	19.423930	82.203540
		Kodinga	Jharkondapuri to Malbeda	1	19.437040	82.191370

		Kodinga	Jharkondapuri to Malbeda	1	19.441130	82.188930
		Kodinga	Jharkondapuri to Malbeda	1	19.399010	82.217020
26	Silva Rayagada	Balangir	Balangir Research Station	1	20.403678	83.274230
		Grand Total-		**134**		

Annexure -III-LXIV

Range Office Building

Sl No.	Name of Division	Name of Range	Location/ Site details	Qty.	Geo-coordinates	
					Latitude	**Longitude**
1	Dhenkanal	Kamakhyangar Nagar West	Kamakhynagar	1	20.932139	85.549139
2	Nayagarh	Nayagarh	Near MI Colony, Nayagarh	1	20.135504	85.093293
3	Bhadrak WL	Basudevpur WL	Basudevpur	1	21.120979	86.749705
4	Bolangir	Deogaon	Deogaon	1	20.550162	83.417713
5	Silva BBSR	Angul Research Range	Angul	1	20.845278	85.098333
6	Silva BBSR	Sambalpur Research	Brooks Hill, Sambalpur	1	21.468417	83.990472
		Grand Total-		**6**		

Annexure -III-LXV

Range Officers Residence

Sl No.	Name of Division	Name of Range	Location/ Site details	Qty.	Geo-coordinates	
					Latitude	**Longitude**
1	Nayagarh	Daspalla	Daspalla Range Office Campus	1	20.325012	84.851856
2	Sundargarh	Sundargarh	Range Office Campus	1	22.116165	84.049065
3	Similipal North WL Division	Ecotourism Range	Jashipur	1	21.950356	86.071375
4	Silva BBSR	Bhubaneswar Research Range	Khandagiri	1	20.277119	85.779589
		Grand Total-		**4**		

Annexure -III-LXVI

Forester Quarters

Sl No.	Name of Division	Name of Range	Location/ Site details	Qty.	Geo-coordinates	
					Latitude	**Longitude**
1	Angul	Bantala	Bantala	1	20.742712	85.063075
		Talcher	FCI (Bauligarh near Bauli Bridge)	1	20.755590	85.196125
2	Satkosia WL	Purunakote	Tuluka South	1	20.617500	84.917000
3	Dhenkanal	Dhenkanal	Baladiabandha	1	20.598810	85.649710
		Dhenkanal	Ghatipiri	1	20.584532	85.413246
4	Cuttack	Jajpur Road	Jajpur Town	1	20 50 52	86 21 21
5	Mahanadi WL	Chhamundia WL Range	Chhamundia	1	20.47663889	84.94236111
6	Khurda	Delanga	Mandarbasta	1	20.059520	85.629810
		Balipatna	Pipili	1		
7	Puri WL Puri WL	Balukhanda WL Range	Pattanikia	1	19.97683611	85.82801389
		Astaranga WL Range	Panichhatra	1	20.02976944	86.32277778
8	Nayagarh	Daspalla	Trinath Square, Daspall	1	20.323245	84.856375
		Panchirida	Godipada	1	20.048277	85.190505
9	Chilika WL	Tangi WL	Bhusandpur	1	19.946437	85.470130
10	Chandaka WL	Bhubaneswar WL	Jagannath prasad	1	20.341060	85.769980
11	Bhadrak WL	Basudevpur WL	Bideipur	1	21.019620	86.830897
12	Phulbani	Phulbani	Phulbani	1	20.480380	84.233440
		Phulbani	Dubagada	1	20.507720	84.152160
13	Boudh	Manamunda	Manamunda	1	20.829415	83.925685
		Madhapur	Madhapur	1	20.431833	84.545056
14	Jharsuguda	Brajrajnagar	IB Valley Section	1	21.801380	83.920410
15	Sambalpur	Sadar	Basiapada	1	21.305964	84.100674
				1		
16	Bamara WL	Kuchinda	Badbahal	1	21.754708	84.608064
		Jamankira	Jamankira	1	21.538111	84.388786
17	Sundargarh	Hemgir	Hemgir	1	21.948222	83.700222
18	Keonjhar	Barbil	Barbil	1	22.117028	85.393997
		Ghatagaon	Deobandha	1	21.434722	85.719167
19	Baripada	Betnoti	Betnoti	1	21.738160	86.949800
		Baripada	Dukura	1	21.796322	86.614940
20	Karanjia	Dudhiani	Jashipur	1	21.107500	86.079722
		Dudhiani	Ektali	1	21.909444	86.093056

21	Similipal North WL Division	Thakurmunda WL Range	Badabaliposi	1	21.624750	86.203083
		Talabandha WL Range	Ghatkuanri	1	22.051222	86.384639
22	Similipal South Wildlife	Pithabata (S)	Pithabata-I	1	21.940333	86.577917
		Dukura	Manikpur	1	21.671556	86.468528
23	Keonjhar WL	Deogaon	Harichandanpur	1	21.339132	85.788060
24	Kalahandi North	Kegaon	Kegaon	1	20.097989	82.885092
		Bhawanipatna	Mega Nursery	1	19.845944	83.142722
25	Subarnapur	Binka	Dunguripali	1	21.046213	83.545399
26	Bolangir	Titilagarh	Badmal (Inside Ordnance Factory Badmal forest Campus)	1	20.385030	83.278000
		Muribahal	Dangabanji, inside Dangabanji Section office Campu	1	20.364710	83.072880
27	Sunabeda WL	Sunabeda WL Range	Sunabeda	1	20.512778	82.462500
28	Rayagada	Muniguda	Chandrapur	1	19.644045	83.882276
29	Jeypore	Gupteswar	Gupteswar	1	18.825472	82.169667
30	Nabarangpur	Kodinga	Inside Range Office Campus of Kodinga Range	1	19.304520	82.345530
31	Malkangiri	Malkangiri	Malkangiri	1	18.352182	81.893890
		Kalimela	Kalimela	1	18.074671	81.749248
32	Silva BBSR	Sambalpur Research Range	Badgaon	1	22.185900	84.319531
		Bhubaneswar Research Range	Khandagiri	1	20.277103	85.779306
		Grand Total-		**50**		

IV-Forester Quarters

Sl No.	Name of Division	Name of Range	Location/ Site details	Qty.	Geo-coordinates	
					Latitude	**Longitude**
1	City Forest			1		
				1		
2	Berhampur	Brahmapur	Range Office Campus, Brahmapur	1	19.320444	84.777556
	Berhampur	Brahmapur	Range Office Campus, Brahmapur	1	19.320444	84.777556
3	Sambalpur	Town Range	Motijharan RF	1	21.472900	83.599505
		Town Range	Motijharan RF	1	21.472900	83.599505
		Grand Total-		**6**		

Annexure -III-LXVII

Forest Guard Quarters

Sl No.	Name of Division	Name of Range	Location/ Site details	Qty.	Geo-coordinates	
					Latitude	**Longitude**
1	Angul	Bantala	Saruali (Nukhuripada)	1	20.674170	85.064440
		Jarapada	Ugi	1	20.891800	84.874600
		Chhendipada	Jamunda	1	20.887933	84.916560
		Angul	Hinsar	1	20.834300	84.933960
		Talcher	Ganthigadia (Badakhali under Ganthigadia)	1	20.799210	85.229950
		Kaniha	Khindo	1	21.287300	84.979880
2	Athmallik	Dhandatopa	Bipradiha FG Qtr	1	20.800830	84.601110
		Dhandatopa	Dhandatopa FG Qtr.	1	20.687220	84.716940
3	Satkosia WL	Purunakote	Tuluka (Sisoopathar)	1	20.604600	84.959200
		Raigoda	Rasanda	1	20.636300	85.006700
4	Dhenkanal	K.Nagar West	Pakatamunda	1	21.033242	85.453756
		K.Nagar West	Analabereni	1	20.820327	85.556591
		K.Nagar West	Kadalipal	1	20.835372	85.503262
		Mahabirod	Ghagaramunda	1	21.156444	85.280917
		Mahabirod	Biribolei	1	21.091667	85.313056
		Bhuban	Bhuban	1	20.888083	85.820722
5	Athgarh	Badamba	Janipadar	1	20.441000	85.222778
		Khuntuni	Krushnapur	1	20.60222222	85.755000
		Khuntuni	Bhogua	1	20.63166667	85.778333
6	Cuttack	Dalijora	Deuli Beat	1	20 46 41.0	86 08 23.3
		Sukinda	Tailangi Beat	1	21 04 05	85 48 34
		Sukinda	Natur-III Beat at Bahalisahi	1	21 06 08	85 43 49
		Jajpur Road	Jajpur Town Section	1	20 50 52	86 21 21
7	Mahanadi WL	Chhamundia WL Range	Chhamundia Range Office Campus	1	20.47677778	84.94363889
		Banigochha West WL Range	Turungi	1	20.40586111	84.72508333
		Chhamundia WL Range	Kuturi	1	20.55347222	84.82072222
		Chhamundia WL Range	Badamul	1	20.49938889	84.87169444
8	Khurda	Balugaon	Berbera	1	19.847530	85.024270

		Tangi	Dixitpada	1	19.928800	85.396520
		Khordha	Arikima	1	20.238910	85.364800
		Khordha	Pangarsingh	1	20.266110	85.498880
		Khordha	Sampur	1	20.202020	85.270720
9	Puri WL	Balukhanda WL Range	Phulpatana	1	19.83499722	85.89223889
		Balukhanda WL Range	Bangara	1	19.84905278	85.96811111
		Konark WL Range	Chandrabhaga Beat	1	19.85950000	86.11022222
		Astaranga WL Range	Panichhatra Beat	1	20.02969444	86.15628889
10	Rajnagar WL	Rajnagar WL Range	Barunei	1	20.52750000	86.77933333
		Rajnagar WL Range	Habalikhati	1	20.67500000	86.99238889
		Kanika WL Range	Pataparia	1	20.71372222	86.91091667
		Kanika WL Range	Sailendrasarai	1	20.75347222	86.94834167
		Kanika WL Range	Dangamal	1	20.74294444	86.86697222
11	Nayagarh	Nayagarh	Badurma	1	20.096485	85.046872
		Nayagarh	Near MI Colony, Nayagarh	1	20.135438	85.092878
		Daspalla	Godibida	1	20.296390	84.842538
		Gania	Adakata	1	20.360813	84.981340
		Khandapada	Kumbharapada	1	20.359279	85.022450
12	Bhadrak WL	Bhadrak WL	Satavauni	1	21.016140	86.503600
13	Phulbani	Phulbani	Katringia	1	20.479660	84.091160
		Phulbani	Tudipaju	1	20.504440	84.186660
		Raikia	Malaguda	1	19.975610	84.269380
		Tikabali	Ghatiguda	1	20.264660	84.526660
14	Baliguda	Balliguda	Anagul	1	20.231640	83.393330
		Bamunigaon	Mahagudi	1	19.413270	84.023930
14	Boudh	Boudh	Debagarh	1	20.751556	84.294639
		Manamunda	Badangi	1	20.655861	84.100028
15	Gh. South	Surada	Jirakua at Ramnabadi	1	19.861111	84.187639
		Polasara	Sodaka	1		
16	Gh. South	Badagada	Dhoupada	1	19.596528	84.571111
				1		
				1		
				1		
				1		
17	Berhampur	Brahmapur	Karapalli	1	19.282944	84.884056
		Digapahandi	Banamali	1	19.215690	84.479530
		Digapahandi	Gumma	1	19.192360	84.459390
				1		
18	Parlakhemundi	Kasinagar	Siali	1	18.925779	83.871863
		Kasinagar	Allada - II	1	18.55125	83.51073
		Mohana	Paniganda	1	19.614444	84.121944
		Mohana	Dambaguda	1	19.485272	84.196783
19	Jharsuguda	Brajrajnagar	Tilia	1	21.640600	83.930230
		Brajrajnagar	Rajpur	1	21.877130	83.913880
		Belpahar	Belpahar	1	21.821110	83.849170
		Kolabira	Bhalupatra	1	21.889350	84.119210
		Kolabira	Khuntamal	1	21.917550	84.313430
		Bagdihi	Kadobahal Beat Qtr.	1	21.948640	84.185200
20	Sambalpur	Rengali	Jharghati Beat Qtr.	1	21.602396	84.055845
		Padiabahal	Kusamura Beat Qtr.	1	21.301510	84.220442
		Sadar	Kumbhar Beat Qtr.	1	21.305560	84.099488
		Dhana	Tabloi -II	1	21.149503	83.969813
21	Bargarh	Bargarh	Barahguda	1	21.352944	83.686722
		Padampur	Ledrapali Beat	1	20.866944	83.045333
			Palsada Beat	1	20.997917	82.976361
			Jaypur Beat	1	20.884028	82.993556
			Jamartala Beat	1	20.894361	83.138444
22	Bamara WL	Bamra	Sargidihi	1	21.942636	84.515264
		Bamra	Gardega	1	22.067001	84.407335
		Jamankira	Tikilipada	1	21.532278	84.447583
		Jamankira	Binjipali	1	21.671000	84.211950
23	Sundargarh	Bargaon	Runga	1	22.282611	84.249883
		Bargaon	Khatkurbahal	1	21.275889	84.476528
		Lephripara	Chhatenpali	1	22.111474	83.812798
24	Bonai	Bonai	Dharanidharpali Beat	1	21.779375	84.921940
		Bonai	Kendrikela Beat	1	21.816842	84.924681
		Tamra	Tamperkela Beat	1	21.895844	84.703214
25	Deogarh	Barkote	Ranjo	1	21.402540	85.130110
		Barkote	Kaliapal	1	21.563582	85.056075
		Deogarh	Tanisar	1	21.323100	84.375600
		Deogarh	Chatibarghat	1	21.323000	84.322800
26	Keonjhar	Keonjhar	Janghira West	1	21.429353	85.620031

		Keonjhar	Hatikucha	1	21.728419	85.531444
		Champua	Dubuna	1	21.872636	85.407406
		Telkoi	Patakhali	1	21.179444	85.516944
		Champua	Chipinda	1	21.882103	85.501238
		Barbil	Thakurani	1	22.090121	85.411832
27	Baripada	Udala	Belakuti	1	21.601167	86.518533
		Udala	Kutling	1	21.666558	86.708295
		Bangriposi	Range Office campus	1	22.152500	86.538610
		Betnoti	Paunsia	1	21.769000	86.776580
		Kaptipada	Kaptipada	1	21.515000	86.528330
		Kaptipada	Kaladahi	1	21.502700	86.558250
		Kaptipada	Salchua	1	21.450270	86.307770
28	Karanjia	Dudhiani	Purunapani	1	21.846944	86.017222
		Dudhiani	Sanjambilla	1	22.022486	86.160614
		Dudhiani	Ramasahi	1	21.994476	85.976702
29	Balesore WL	Jaleswar	Luhapada	1	21.858310	87.115440
		Chandipur	Talapada	1	21.297600	86.810170
30	Similipal North WL Division	Ecotourism Range	Jashipur	1	21.950556	86.068611
		Thakurmunda WL Range	Badabaliposi	1	21.616722	86.197500
		Kendumundi WL Range	Barakamunda	1	21.802306	86.101972
		Kendumundi WL Range	Kendumundi -II	1	21.686333	86.138667
		Talabandha WL Range	Chatani	1	22.053425	86.249306
		Barehipani WL Range	Tamalbandha	1	22.019722	86.212778
31	Similipal South Wildlife	Pithabata (S)	Lulung	1	21.933194	86.548833
		Pithabata (S)	Godipokhari	1	21.923222	86.584361
		Pithabata (S)	Charline	1	21.858944	86.527806
		Dukura	Bangaldahi	1	21.847333	86.554250
		Dukura	Nuagaon-I	1	21.782778	86.473333
32	Keonjhar WL	Deogaon	Garagarabahal	1	21.339196	85.788127
		Deogoan	Baripal	1	21.167058	86.054120
33	Kalahandi North	Bhawanipatna	Karlapada	1	20.077250	83.104333
		Kesinga	Podkham	1	20.187750	83.229694
		Kesinga	Dumermunda	1	20.187750	83.229694
34	Kalahandi South	Biswanathpur	Lanjigarh Road	1	19.943045	83.402539
		Th.Rampur South	Kalampur	1	19.612500	82.895306
		Th.Rampur South	Th.Rampur	1	19.538194	82.930639
		Dharmagarh	Dudkathenga	1	19.662472	82.605361
		Dharmagarh	Moter	1	19.748444	82.689778
		Dharmagarh	Kutru	1	19.550333	82.593694
35	Bolangir	Titilagarh	Badmal (Inside Ordnance Factory Badmal forest Campus)	1	20.385030	83.278000
		Titilagarh	Goelbhadi (Inside Ordnance Factory Badmal forest Campus)	1	20.385030	83.278000
		Saintala	Suliamal Beat Quarter at Forest Campus, Saintala	1	20.445600	83.359400
		Lathore	Pipalbahal Beat Quarter (Range Office Campus)	1	20.627430	82.766230
		Muribahal	Govindpur, inside Govindpur Section office Campus	1	20.457040	83.142620
		Muribahal	Barbandh, inside Gulmi Section office Campus	1	20.376170	83.142800
		Bangomunda	Bangomunda New Range Office Campus (Dandra Beat Quarter)	1	20.359970	82.906780
		Harishankar	Dhandmaunda	1	20.785360	82.920280
		Harishankar	Beherapani	1	20.795470	82.805440
		Harishankar	Sapmund	1	20.812310	82.812440
36	Khariar	Khariar	Sanmaheswaer Beat	1	20.374700	82.698810
		Sinapali	Pithapada Beat	1	20.034567	82.701517
37	Rayagada	Rayagada	Buduni	1	19.236021	83.423209
		Rayagada	Komtalpeta	1	19.236017	83.423213
		Muniguda	Hanumantpur Beat	1	19.604722	83.654444
		Muniguda	Ekanaguda Beat	1	19.644045	83.882276
		Muniguda	Raghubari Beat Qtr	1	19.835376	83.456021
		Tikiri	Nishikhal	1	19.212950	83.220970
38	Koraput			1		
				1		
				1		
				1		
				1		
39	Jeypore	Gupteswar	Gupteswar	1	18.825472	82.169667
40	Nabarangpur	Nabarangpur	Papadahandi Mini PN	1	19.326208	82.518486
		Dabugam	Dabugam Beat at Dabugam	1	19.454280	82.405860
		Dabugam	Dargula Beat at Dabugam	1	19.453940	82.405890
		Dabugam	Nagjodi Beat at Dabugam	1	19.454000	82.405970
		Raighar	Raighar Inside Raighar	1	19.893930	82.073750

		Raighar	Timanpur Beat	1	19.888140	82.073030
		Raighar	Kusumpur Beat	1	19.887540	82.070590
41	Malkangiri	Mathili	Chaulmendi	1	18.550768	82.204811
		Kalimela	Similibancha	1	18.046272	81.493863
		Motu	M.V-79	1	17.988834	81.577105
		Malkangiri	Thapaguda at Pandripani	1	18.441470	82.018174
		Malkangiri	Kambeda at Korukonda	1	18.284831	81.978984
		Balimela	Limaguda at Gangapada	1	18.359900	82.249250
42	Silva BBSR	Angul Research Range	Kosala	1	21.021722	84.921958
		Kalinga Research Range	Kalinga	1	20.163500	84.416525
		Sambalpur Research Range	Kalimati	1	21.402864	84.852967
		Bhubaneswar Research Range	Khandagiri	1	20.276950	85.779319
		Bhubaneswar Research Range	Khandagiri	1	20.277100	85.779122
43	Silva Rayagada	Rayagada Research Range	Rayagada	1	19.946070	83.251029
		Total-		**180**		

IV-Forest Guard Quarters

Sl No.	Name of Division	Name of Range	Location/ Site details	Qty.	Geo-coordinates	
					Latitude	**Longitude**
1	City Forest	Phulnakhara	Ghatakula Nuapada	1	20.438004	85.905469
				1		
2	Berhampur	Brahmapur	Range Office Campus, Brahmapur	1	19.320444	84.777556
		Brahmapur	Range Office Campus, Brahmapur	1	19.320444	84.777556
3	Sambalpur	Town Range	Motijharan RF	1	21.472900	83.599505
		Town Range	Motijharan RF	1	21.472900	83.599505
		Grand Total-		**6**		

Annexure -III-LXVIII

Seizure Yard

Sl No.	Name of Division	Name of Range	Location/ Site details	Qty.	Geo-coordinates	
					Latitude	**Longitude**
1	Dhenkanal	Kapilash	Kapilash	1	20.413910	85.848354
2	Athgarh	Athgarh	Sadar beat near Fire station	1	20.507731	85.631225
3	Mahanadi WL	Chhamundia WL Range	Range office Campus, Chhamundia	1	20.47633333	84.943389
4	Khurda	Balipatna	Puranpadhan	1	20.199010	85.892418
5	Nayagarh			1		
6	Phulbani	Tikabali	Tikabali	1	20.244960	84.351005
7	Gh. North	Mujagada	Range Office Campus, Bhanjanagar	1	19.929890	84.581940
8	Jharsuguda	Kolabira	Kolabira Range	1	21.797280	84.176380
9	Rairakhol			1		
10	Rairangpur	Badamapahr	Badampahar Range Office Campus	1	22.092408	86.113376
11	Similipal North WL Division	Nawana North WL Range	Nawana	1	21.894278	86.376000
		Chahala WL Range	Chahala	1	21.985778	86.292944
12	Subarnapur	Binka Range	Binka Range Office Campus	1	21.027827	83.800454
		Sonepur Range	Patabhadi C.N, Sonepur Range	1	20.840556	83.893056
13	Bolangir	Titilagarh	Titilagarh Range Office campus	1	20.291240	83.153320
		Loisingha	Loisingha Range Office Campus	1	20.862470	83.500080
		Saintala	Karamtala Campus	1	20.447793	83.241022
		Lathore	Lathore Range Office Campus	1	20.627720	82.765960
14	Khariar	Nuapada	Range Office Campus	1	20.811560	82.534820
		Khariar Road	Range Office Campus	1	20.889750	82.509810
		Grand Total-		**20**		

Annexure-III-LXIX

Installation of VHF base station, and maintenance thereof including statellite tracking

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In No.)
			Latitude	**Longitude**	
1	**2**	**3**	**4**	**5**	**6**
1	Angul	Jarapada/Antulia FRH	20.80222	84.81444	2
		Jarapada/Lembutaila-I	20.80993	84.8395	1
		Talcher/Seepur	20.94694	85.21639	1
		Kaniha/Rengali Fr. Qtr	21.27694444	85.01555556	2
		Kaniha/Balipasi FG Qtr	21.24316667	84.95930556	1

		Bantala /Bantala Range Office	20.742528	85.062917	1
2	Dhenkanal	K.Nagar East New Range Office	20-55-55.9	85-32-44.2	2
		Mahabirod Range Office	21-04-47.52	85-22-18.44	2
		Dhenkanal	20-43-36.75	85-55-59.05	2
3	Satkosia (WL)	Division HQ Angul including Const. of VHF Tower	20.83000	85.10000	2
		Jillinda HQ	20.52912	84.94479	3
		Siaribhundi Beat	20.57477778	84.90716667	1
4	Mahanadi (WL)	Range Office, Banigochha	20 24 13.4	084 35 17.6	3
		Bicharpathar, BPRF C/N-09	20 26 14.5	084 43 32.2	2
		Sapapathar, BPRF C/N-05	20 25 12.4	084 43 09.2	3
		Buriapaju (VHF Base Station)	N-20 28 20.91	E-84 45 11.51	2
5	Athmallik	**Handapa Range:-** Gundurijharan	20.862914	84.774827	2
		Laxmipur Beat	20 02 42.8	84 44 44.1	2
		Madhapur	20 47 07.6	84 25 06.1	2
6	Athgarh	Vegia	20 31 46	85 14 11	2
		Nayajhari	20 32 43.1	85 41 40.3	2
		Kharuani	20 33 43.1	85 43 40.3	2
		Sundhuni	20 30 51.8	85 10 03.8	1
7	Cuttack	Five Ranges	20 42 15.3	86 25 10.2	5
8	Balasore WL	Kuldiha Wildlife Range	N-21.467106°	E-86.778149°	2
		Nilgiri Wildlife Range	N-21.462808°	E-86-774467°	2
		Jaleswar Wildlife Range	N-21.906388°	E-87-196108°	2
9	Baripada	Kaptipada	N-21 30 54	E-86 31 42	3
10	Karanjia	Ektali PRF	N-21054'34"	E-086005'35"	2
		Milu Check gate	21.76797222	86.09819444	1
		Balidiha Beat House at Kundei	N-21-20-24.9	E-86-12-21.9	1
11	Keonjhar WL	Anandapur, Hadagarh Range	21.216017 21.27361	86.105617 86.29917	5
12	Similipal South	Inside similipal	21°45' 00.6	86° 32' 02.1"	15
13	Similipal North	Kusumbani	21 57 16.7	086 24 47.3	2
		Mathurakerai	22 01 02.8	086 18 35.1	2
		Jamuani	21 57 36.3	086 13 27.9	1
		Tabacol	21 36 39.0	086 17 02.0	1
		Kendumundi WL Range	21 41 12.0	086 06 23.0	2
		Mandaljhari	21 29 22.2	086 14 39.2	1
14	Berhampur	Gokharkuda	N19 23 36.0	E85 05 15.0	2
		Surangi	N19 09 49.6	E84 31 45.9	2
15	Ghumsur North	Range office	N-20 06 21.5	E-84 31 45	2
16	Parlakhemundi	Inside Range Office, Narayanpur	N 18.884588	E 84.184628	2
		Nalaghat Section (Raipanka Beat) creation	N 19.398157	E 83.982488	2
18	Subarnapur	Ullunda	N20 58 29.9	E83 52 46.3	2
		Sonepur	N 20 50 37.15	E 83 54 17.28	2
19	Bolangiri	Harishankar	N20 51 00.0	E82 51 47.2	2
20	Kalahandi South	Saisurni	N-19.608807	E-83.137629	2
21	Sunabeda (WL)	Range	N20 25 10.0	E82 33 51.5	2
22	Puri WL	Muhanamuha	19°57'28.49"	86°20'09.07"	2
23	Chillika (WL)	Balugaon	19/45/38.08	85/12/50.03	2
26	Mangrove (WL)	Division/Range office	20°-25'-15"	86°-35'-12.4"	3
27	Nayagarh	Odagaon Range Office	20.017083	84.981084	3
		Banthapur Beat house campus	19.948932	84.988455	2
		Range Office Gania	20.400223	845.042716	3
		Gumi border area - Barakola	20.164715	84.853748	2
28	Khordha	Dhuanali	19 53 15.73	85 07 37.62	2
29	Bonai	Budhapahar RF	N21 44 12	E84 41 13	3
		East-Dandpat RF	N21 40 32	E84 53 43	3
30	Deogarh	Range Office	N 21°26'05.7	E 85 11 56.4	2
		Kantala Section	N 21°25'20.0"	E 85°16'27.3"	3
		Jamardihi Section	N 21°29'54.2"	E 85°15'24.2"	2
31	Keonjhar-T	Keonjhar Division	21.63636111	85.60779167	3
32	Rourkela	Rourkela Forest Division, Office	N 22 13 06.5	E 85 48 28.2	5
33	Sundargarh	Ujalpur	N22 06 42.45	E83 48 45.63	2
34	Bamra (WL)	Garposh	215717.5	84253.85	2
		Jarabaga	385823.28	842730.38	2
		Niktimal	215146.34	842329.73	2
35	Rairakhol	All Rangess	21 05 25.44	84 25 31.55	3

36	Jharsuguda	Jharsuguda & Bagdihi Range	N-21 51 1.89 N-21 55 54.62	E-84 02 39.91 E-84 11 39.43	3
37	Hirakud (WL)	Rujenmal	21° 29' 29"	83° 43' 27"	3
		Keorama	21° 32' 51.5"	83° 41' 38.1"	3
Total:-					**170**
WL Head Quarter:-					**30**
Grand Total:-					**200**

Annexure-III-LXX

Maintenance of Forest Road/Inspection path

SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In Km.)
			Latitude	Longitude	
1	**2**	**3**	**4**	**5**	**6**
1	Satkosia WL	Majhipada-Kadalikhola Forest road	20.6371	84.7673	7
		Tarava to Kumuri	20.7062	84.8327	6
		Siaribhundi to Chunabhati	20.5746	84.9073	4
		Raigoda - Border	20.6165	85.0580	7
		Purunakote to Baghamunda	20.6471	84.8348	5
		Tulka - 7 Ganjani-damaka to Tuluka	20.6175	84.9170	6
		Hatibari- Kandhaida Forest road	20.6163	84.8082	7
		Baghamunda to Routbahal	20.6100	85.0500	8
		Chhotkei - Chunabhati	20.6378	84.8739	5
		Tulka - Sisupathar	20.5802	85.0044	5
		Total:-			**60**
2	Mahanadi WL	Buguda -Sapapthar Trekking Path	20 24 26.5 20 25 47.0 20 25 10. 120 25 22.7	084 43 21.0 084 43 25.7 084 43 57.5	6
		Sripaju Chhaka to Saraguda	20 32 34.3	84 44 14.6	3
		Kumari to Pantheighati	20.560024	84.721759	7
		Barapurikia to Mandiakhaman	20.567416	84.72161	1
		Patheighati to Padamatola Border	20 31 56.1	84 46 3.1	4
		Sitalapni to Marada Border	20 34 21.6	84 47 26.1	12
		Gochhabari chhaka to Buriapaju	N- 20 27 34.2	E-84 48 54.25	3
		Total:-			**36**
3	Balasore WL	Inside Kuldiha Sanctuary	N-21.467106°	E-86.778149°	40
		Betei to Purunapani	N- 21^0 24' 18"	E- 86^0 31' 32"	4
		Total:-			**44**
4	Keonjhar (WL)	Gayalamunda to Hatichapal	21.429722	86.055278	8
		Sajanapal-Bahia- Chhenapadi	21.221410	86.234520	8
		Daitari to Rebana	21.116143	85.818634	7
		Kathakata to Pitanau	21.270833	86.231111	9
		Masaghati to Masaghati Camp shad	21.325000	86.231389	2
		Kathakata to Chaturisahi	21.273333	86.223889	2
		Raighati to Phuljhar	21.310911	86.335297	4
		Total:-			**40**
5	Similipal South	6nos camp to Sanpokhari Chhak	21°44'54.87"N	86°26'49.04"E	25
		Kulipal W.T to Charichhak Camp	21°43'8.10"N	86°25'49.60"E	8
		Sarabasa Chhak to Bhandhukata Chhak	21°44'7.69"N	86°23'3.94"E	9
		Sanpokhari Chhak to Jamuna Chhak	21°42'41.06"N	86°19'53.59"E	8
		Dove Chhak to Senichaturi	21°47'16.89"N	86°23'30.63"E	14
		Jamuna Chhak to Jamuna Camp	21°42'42.40"N	6°19'54.37"E	8
		Jamuna Chhak to Jampani	21°43'27.18"N	86°21'31.51"E	10
		Hatighar Chhak to Mahanta hana	21°44'11.20"N	86°19'59.40"E	10
		Hatighar chhak to Dhalamatia	21°44'8.88"N	6°21'19.53"E	13
		Gurandi to Sendhakila Chhak	21°46'6.81"N	86°20'45.72"E	13
		Sanpokhari chhak to Sendhakila Chhak	21°44'23.67"N	86°21'57.56"E	14
		Hatisal Chhak to Gourakantha Chhak	21°41'46.08"N	6°23'52.20"E	6
		Gourakantha Chhak to Gunduria Chhak via Tikitali camp	21°41'8.03"N	6°23'48.85"E	8
		Gourakantha chhak to Gunduria chhak via Sarua Camp	21°40'30.52"N	86°25'9.68"E	10
		Rushibasa Chhak to Rushibasa Camp	21°40'10.50"N	6°25'57.10"E	12
		Tiktali Meadow to Meghasani Chhak	21°38'52.69"N	6°23'16.15"E	6
		Baniabasa to 06nos camp	21°45'38.46"N	86°28'45.20"E	6
		Total:-			**180**
6	Similipal North	Karkatbeda - Sadananda A.P Camp	21 35 2.0	086 15 33.0	8
		Karkatbeda - Sadananda A.P Camp	21 35 02.0	086 13 31.0	2
		Sadananda A.P Camp - UBK Core Line	21 35 43	086 12 19.0	7
		Ghodabindha - Sandhaghati	21 35 09.0	086 11 50.0	2
		Kirkichipal - Kaniya Nagari A.P Camp	21 29 33.0	086 14 46.0	8
		Kendumundi - Kandadhenu	21 46 26.0	086 08 37.0	9
		Rangamatia - Jatiani	21 49 48.4	086 07 45.5	7
		Barahkamunda - Kiajhari	21 53 53.2	086 11 25.0	7
		Kalikaprasad - Gurguria	21 51 21.0	086 14 51.0	6
		Gurguria to Kabatghai	21 52 23.0	086 14 28.8	5
		Lanjighasara - Kolha	21 48 16.9	086 18 19.9	8
		Barigaon - Khejuri	21 58 07.1	086 09 06.2	12
		Tulsibani-Badghati	21 57 05.5	086 20 28.3	3
		Machinnala-Hata Chhak	21 18 10.7	086 26 33.6	14
		Barehipani Forest Road	21 53 29.1	086 19 40.4	10
		Bandirabasa Forest Road	21 58 09.2	086 14 58.0	3
		Chahala-Brundaban Forest Road	21 48 20.4	086 17 13.6	8
		Brundaban-Machinenala Forest Road	21 53 08.6	086 14 31.7	3
		Barehipani hata chhak-Bulbul Beat Forest Road	21 50 27.4	086 14 58.5	5
		Bulbul Beat-Fall view Forest Road	21 56 10.0	086 22 11.0	3

		Total:-			**130**
7	Balliguda	Guchuka to Dhubulakhaman	N19 54 50.0	E83 39 58.1	7
		Tumudibandha to Guchuka Forest Road	19 54 47.4	83 40 11.4	6
		Kalsapadar to Pidamaha	19 56 51.0	83 44 44.7	5
		Piapdi to Badipanga	N19 43 22.2	E83 40 55.8	6
		Lassery to Badipanga	N19 44 02.6	E83 40 40.9	4
		Dimili to Bilaml via Golampanga	N19 49 52.0	E83 38 01.9	6
		Durgamandir Junction to Badipanga	N19 44 27.4	E83 39 01.6	2
		Total:-			**36**
8	Kalahandi South	Birimuhan to Kutru	N-19 33 06.0	E-82 35 56.0	12
		Total:-			**12**
9	Sunabeda WL	Tanwat Ghati to Haluapali forest road	N20 44 00.0	E82 31 52.8	10
		Barkot to Chereichuan forest road	20 32 29	82 32 33	3
		Datunama to Khadang Forest Road	20 30 15	82 27 13	4
		Babapada to Godhus inspection path	N20 40 13.0	E82 25 57.0	1
		Gadgada to Sunabeda along Barkot-Sunabeda Forest Road	20 31 48	82 29 34	7
		Chereichuan to Bankiam forest road	20 31 53	82 32 14	7
		Bhaosil to Jharlama forest road	N20 39 07.3	E82 25 26.1	5
		Pandripani to Khaliapada inspection path	N20 42 51.0	E82 22 41.0	4
		Jalmodei to Sunabeda Forest Road	20 37 18	82 29 17	12
		Kotrabeda to Deosil Anti-poaching Route	20 34 38	82 24 31	4
		Putkulpada to Haluapali forest road	20 37 15	82 30 17	4
		Badhunbahali to Putkulpada forest road	20 31 1	82 31 36	3
		Dharambahdha to Lodra forest road	N20 43 25.0	E82 25 01.0	6
		Lodra Chhak to Phwari inspection path	N20 40 49.0	E82 26 03.0	6
		Chacharaghati to Sunabeda along Dharambandha to Sunabeda Forest Road	20 33 42	82 25 31	8
		Bankiam to Kholibitar forest road	20 28 56	82 33 12	7
		S.N Pur to Kamarkhach inspection path	N20 33 19.0	E82 20 21.0	2
		Bankiam to Rajna forest road	20 28 55	82 33 04	6
		Golabandh to Maraguda forest road	N20 42 34.0	E82 28 07.6	8
		Junapada to Badiapathar forest road	N20 42 14.0	E82 31 35.0	3
		Total:-			**110**
10	Puri WL	Balukhanda RF	19 49' 35.10"	85 51' 49.59"	9
		Sahan To Muhanamuha	19°56'47.53" 19°56'49.46"	86°18'10.78" 86°18'53.39"	4
		Panichhatra	20°01'28.7"	86°09'05.5"	2
		Total:-			**15**
11	Chilika WL	Karakhola PRF	19/35/17.17	85/06/43.21	7
		Total:-			**7**
12	Mangrove WL	1.Barunei-Dobandhi-3 KM 2.Habalikhati to Ekakula-6 KM 3.Habalikhati Jetty to Nature Camp-2.8 KM 4.Bhandua to Ghat-3 KM 5.Maharabanka to Harihnsa-2 KM 6.Pentha to Chitakhola-0.5 KM 7.Bhitarkanika Jetty to Tentuli-3 KM 8.Temple to Suajore-1 KM 9.Ganjeikhia-3 KM 10.Bhanditutha Mounth to Temple-2 KM 11.Kalibhanjadia-2 KM 12.Dangmal Jetty to Main Gate-4 KM	20°-30'-10" 20°-40'-30.9" 20°-40'-30.2" 20°-38'-29" 20°-35'-14.5" 20°-33'-10.00" 20°-43'-56" 20°-42'-40.7" 20°-42'-36.3" 20°-42'-56" 20°-46'-30.6" 20°-44'-3.61"	86°-45'-8" 86°-59'-32.7" 86°-59'-28.5" 86°-52'-07" 86°-50'-28.6" 86°-47'-51 8" 86°-52'-16" 86°-52'-3.2" 86°-51'-43.5" 86°-52'-56" 86°-55'-29.1" 86°-52'-19.27"	20
		Total:-			**20**
12	Chandaka WL	Tata Mines Ghati to Nuakua	20° 20' 00.36"	85° 37' 45.90"	10
		Distict border to Balimada	20° 21' 30.85"	85° 40' 23.02"	6
		Golagada Chhak to Golagada pond	20° 20' 41.04"	85° 39' 50.80"	1
		Dampada Gate to Balimada Chhaka	20° 23' 06.15"	85° 38' 10.12"	8
		Pithakhia Chhaka to Salabari	20° 21' 50.45"	85° 40' 45.57"	10
		Kanjianala to Bengapani	20° 23' 35.36"	85° 41' 49.35"	6
		Bengapani to Pithakhia	20° 22' 26.50"	85° 40' 45.65"	6
		Okeighati to Bengapani Ghati	20° 22' 23.08"	85° 38' 29.63"	7
		Jaria Dam to Jaria Watch Tower	20° 23' 59.95"	85° 42' 17.23"	2
		Godibari – Mahuriabari – Kumarkhunti	20° 19' 43.00"	85° 43' 58.00"	5
		Chhatian to Kheluachua via Dantaria	20° 20' 54.60"	85° 42' 32.80"	2
		Ambakhali to Kheluachua	20° 21' 24.25"	85° 41' 47.55"	3
		Bharatpur Entry Gate ,Birbasa,Chunkoli, Sunderpur,Andharua, Bharatpur	20º17'15.90"	85º47'23.33"	3
			20º17'20.25"	85º47'23.39"	12
		Karadapalli to Guptapada	20°16'42.7"	85°39'35.5"	3
		Dhadas to Madua	20°16'17.14"	85°38'07.11"	6
		Jhalara to Saurabilla	20°18'59.45"	85°40'23.87"	3
		Jhalara to Deras	20°18'36.60"	85°41'00.21"	8
		Karadapalli to Jhalara	20°17'05.99"	85°38'55.04"	3
		Godabhanga Tangar- Pitagadia-Mahuriabari	20° 21' 46.00"	85° 42' 40.00"	7
		Bualigarh to Naharathali Hilltop Road	20° 21' 49.99"	85° 42' 14.33"	3
		District Boundary to Banra forest road	20° 23' 23.00"	85° 43' 59.93"	4
		Total:-			**118**
13	Bamra WL	Belmunda-Majurdima	21 53 32.46	84 26 51.58	3
		Kantabahal-Dambhuinpada	21 52 35.01	84 29 8.92	3
		Bichhutangar-Kantabahal	21 52 53.27	84 27 69.44	3
		Keseibahal to Betjharan	21 53 25.12	84 26 39.92	6
		Dangapal to Binjipali	21 38 3.13	84 13 16.98	5
		Badrama to Falsabahal	21 32 38.3	84 14 31.32	20
		Nunvet to Badkacha	21 23 56.77	84 17 55	4
		NH-6 to Pathuria	21 28 99.6	84 20 79.7	5
		Sarda to Podadihi	21 28 17.99	84 22 53.65	2
		Argen to Bhutel	21 26 08.60	84 25 18.25	3
		Bhutel to Kadalidihi	21 27 19.85	84 24 00.34	4

		Badrama to Bhutel	21 26 29.96	84 18 41.37	15
		Nearest to Baideipith	21 28 95.2	84 14 58.9	3
		Khandakata to Baideipith	21 26 27.64	84 22 27.44	4
		University Spot	21 29 46.21	84 20 7.84	2
		Kutab to Nunvet	21 17 14.1	84 24 14.2	5
		N.H-6 to Podadihi	21 28 58.7	84 21 26.1	2
		Kisinda Barakachha forest Road	21 22 53.69	84 19 30.99	3
		Ballam Khalasuni Forest Road	21 22 53.25	84 19 31.79	6
		Ballam Khalasuni Bamra Bader	21 23 7.3	84 27 16.6	5
		Pandua to dingriduma	21 23 7.3	84 27 16.6	2
		Total:-			**105**
14	Hirakud WL	Khajuria to Patheidurga	21° 37' 44.8"	83° 40' 26.7"	12
		Mendhapali to Khajuria	21° 36' 15.1"	83° 36' 57.5"	10
		Lakhanpur to Chakramal	21° 38' 34.0"	83° 38' 49.8"	8
		Lakhanpur to Khola	21° 33' 48.8"	83° 38' 37.3"	6
		Lakhanpur to By-pass	21° 41' 51.2"	83° 37' 51.0"	7
		Khola to kurumkel	21° 30' 46.9"	83° 45' 43.8"	5
		Pattaguda to Patheidurga	21° 30' 3.8"	83° 42' 10.1"	10
		Chourasimal to Lakhanpur	21° 32' 25.9"	83° 45' 14"	14
		Dhodrokusum to Khajuria	21° 31' 40"	83° 45' 35"	5
		Dhodrokusum to Chourasimal	21° 30' 7"	83° 46' 17"	5
		Total:-			**82**
15	Dy. Dir, NKZP	NKZP	20 23 18 20 23 33	85 48 45 85 48 27	5
		Total:-			**5**
		Grand Total:-			**1000**

Annexure-III-LXXI

Anti-poaching Barrack

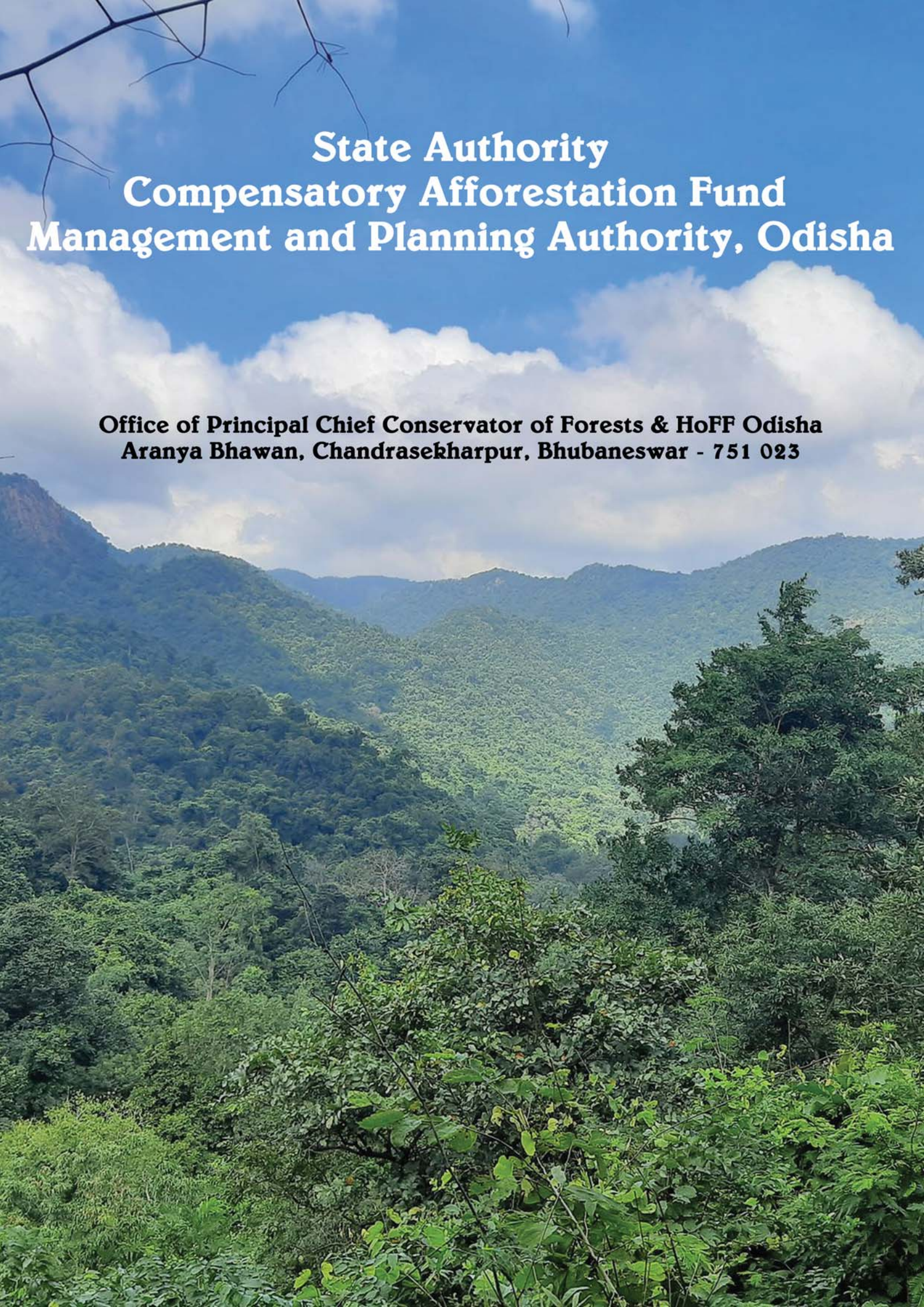
SL. No.	Name of the Division	Location	Geo-coordinates		Unit (In No.)
			Latitude	Longitude	
1	**2**	**3**	**4**	**5**	**9**
1	Athgarh	Sundhuni	20 30 47	85 9 57	1
2	Rairangpur	Bisoi	22.167447	86.426381	1
3	Keonjhar WL	Sagadapata	21.24777778	85.9175	1
4	Similipal North	Jashipur	21 56 47.8	086 04 13.9	1
5	Ghumsur North	Kupati	N 20 08 20.0	E 84 30 56.0	1
6	Boudh	Madhapur	N 20 26 58.9	E 84 30 19.3	1
7	Khordha	Ranpur	20-03-28.31	85-20-30.84	1
8	Nayagarh	Gamishree	20.270048°	84.739312	1
9	Hirakud WL	Khola	21° 39' 24.37"	83° 38' 41.93"	1
10	Bamra WL	Badbahal	21 45 10.8	84 36 26.3	1
Total:-					**10**

Annexure-III-LXXII

Floating Jetty

Sl. No.	Name of the Division	Location	Geo-coordinates		Unit (In Km.)
			Latitude	Longitude	
1	**2**	**3**	**4**	**5**	**9**
1	Mangrove WL	Hukitola	20°-40'-5008"	86°-788.481'	1
2	Malkangiri	Malkangiri	18.352279	81.893968	1
3	Keonjhar (WL)	Hadagarh Zero Point	21.29458333	86.29746111	1
4	Jharsuguda	Belpahar	N- 21-59-47.7	E-83-50-34.10	1
Total:-					**4**

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