

**SCCL PROJECTS CLUSTER OF RAMAGUNDAM REGION COAL MINES IN ESZ - WILDLIFE MITIGATION MEASURES FOR SIWARAM WILDLIFE SANCTUARY AND SCHEDULE-I SPECIES FOR CHLNNUR
DIVISION OF MANCHERIAL DISTRICT OF KAWAL TIGER RESERVE CIRCLE, NIRMAL FOR PERIOD OF (05) YEARS**

Unit cost & Fin: Rs in

S. No	Works Proposed	Unit	2020-21			2021-22			2022-23			2023-24			2024-25			Total	
			Unit Cost	Phy	Fin	Unit Cost	Phy	Fin	Unit Cost	Phy	Fin	Unit Cost	Phy	Fin	Unit Cost	Phy	Fin	Phy	Fin
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Habitat improvement in forest areas Removal of exotic invasive species & weeds &	Ha	0	0	0.000	0.07	50	3.500	0.077	50	3.850	0.085	50	4.235	0.00	0	0.000	150	11.585
2	1st year Maintenance of area where weed growth is removed during last year	Ha	0	0	0.000	0	0	0.000	0.035	100	3.500	0.039	100	3.850	0.042	50	2.118	250	9.468
3	Enrichment planting with NTFP fruit bearing species including fencing and plant cost	Ha	0	0	0.000	0.22	20	4.400	0.242	25	6.050	0.2662	20	5.324	0.293	15	4.392	80	20.166
4	Raising and Maint of Fodder plots with native grass species duly fenced with chain link of 01 Ha each for the herbivores.	Ha	0.0	0	0.000	2.7	4	10.800	3.01	4	12.040	3.471	4	13.884	0.04	12	0.480	24	37.204
5	Erection of Solar pump with PTs	Nos	5.5	2	11.000	6.05	2	12.100	0	0	0.000	0	0	0.000	0	0	0.000	4	23.100
6	Creation and maintenance of basking platforms and egg laying areas for Crocodiles	Nos	5.0	3	15.000	5.50	3	16.500	2	6	12.000	2	8	16.000	2	8	16.000	28	75.500
7	Providing chain link fence to the basking areas & nesting sites	Nos	6.0	3	18.000	6.60	3	19.800	7.26	2	14.520	0	0	0.000	0	0	0.000	8	52.320
8	Engaging Crocodile trackers and rescue team with 5 members (4 Nos X 12 months X Rs. 0.01 Lakhs per month and 01 Boat driver @ Rs. 0.15 Lakhs PM) for 04 years	Nos	1.32	5	6.600	1.45	5	7.260	1.597	5	7.986	1.757	5	8.785	1.933	5.000	9.663	25	40.294
9	Construction of Watch Tower	Nos	0	0	0.000	10.00	1	10.000	0	0	0.000	0	0	0.000	0	0	0.000	1	10.000
10	Constucion of Antipoaching Camp	Nos	8.0	1	8.000	0.00	0	0.000	0	0	0.000	0	0	0.000	0	0	0.000	1	8.000
11	Protection railing gate near entrance	Km	2	3.5	7.000	0	0	0.000	0	0	0.000	0	0	0.000	0	0	0.000	4	7.000
12	MS railing at caves and chainlink	Ls	0	0	0.000	Ls	Ls	10.000	Ls	Ls	10.000	0	0	0.000	0	0	0.000	0	20.000
13	Construction of Environment Educational Complex & Maintenance	Nos	Ls	30	30.000	2.000	1	2.000	2.20	1	2.200	2.42	1	2.420	2.662	1	2.662	34	39.282
14	Purchase of Binoculars, Telescopes, A.V. equipment and library books and equipment.	Ls	LS	Ls	5.000	LS	Ls	5.000	LS	Ls	3.000	LS	Ls	2.000	0.00	0.00	0.000	LS	15.000
15	Purchase of Camera traps, Memory cards and batteries for monitoring Crocodiles and other wildlife and Maint.	Nos	0.3	60	18.000	0.33	60	19.800	0.363	60	21.780	0.03	180	4.500	0.03	180	4.950	540	69.030
16	Remuneration of Biologist for (4) years @ Rs.20000/-per month	Nos	2.4	1	2.400	2.64	1	2.640	2.904	1	2.904	3.194	1	3.194	3.514	1.000	3.514	5	14.652
17	Rescue operations charges	Ls	LS	Ls	1.000	LS	Ls	1.100	LS	Ls	1.200	LS	Ls	1.400	LS	Ls	1.500	LS	6.200

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			Unit Cost	Phy	Fin	Unit Cost	Phy	Fin	Unit Cost	Phy	Fin	Unit Cost	Phy	Fin	Unit Cost	Phy	Fin	Phy	Fin
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
18	Procurement of rescue vehicle for rescuing crocodiles with all equipments and maint incl POL and driver	Ls	0	0	0.000	LS	Ls	25.000	4.8	1	4.800	5.28	1	5.280	5.808	1	5.808	LS	40.888
19	Procurement of Vehicle for inspections and patrolling and maint incl POL and driver	Ls	0	0	0.000	LS	Ls	18.000	4.8	1	4.800	5.28	1	5.280	5.808	1	5.808	LS	33.888
20	Maintenance and POL charges for patrolling boat	Nos	1	1	1.000	1.1	1	1.100	1.21	1	1.210	1.331	1	1.331	1.4641	1	1.464	5	6.105
21	Compensation for Man- Animal conflicts	Nos	0.15	60	9.000	0.165	60	9.900	0.1815	40	7.260	0.200	30	5.990	0.22	30	6.588	220	38.738
22	Sign boards, caution boards and publicity material for all the villages along the river bank and inside the sanctuary	Ls	LS	Ls	8.000	LS	Ls	4.000	LS	Ls	2.000	LS	Ls	2.000	Ls	1.00	1.000	LS	17.000
23	Visitor amenities	Ls	0	0	0.000	Ls	Ls	10.000	Ls	Ls	10.000	0	0	0.000	0.00	0.00	0.000	LS	20.000
24	Publication of Research & studies of Biodiversity in the sanctuary & Journals	Ls	LS	Ls	2.000	LS	Ls	3.000	LS	Ls	2.000	LS	Ls	2.000	Ls	1.00	1.000	LS	10.000
25	Creation of facilities for rescue and rehabilitation of Schedule -I species from the project area at Kakatiya Zoo Park, Warangal.	Ls	LS	Ls	9.000	LS	Ls	4.000	LS	Ls	4.000	LS	Ls	4.000	LS	Ls	3.000	LS	24.000
26	Training & Exposure visit to P.A. Managers & staff	Ls	LS	Ls	0.000	LS	Ls	3.000	LS	Ls	2.000	0	0	0.000	Ls	1.0	2.000	LS	7.000
27	Administrative Cost.		LS	Ls	6.000	LS	Ls	5.000	LS	Ls	5.000	LS	Ls	5.000	LS	Ls	5.000	LS	26.000
	Total				157.000			207.900			144.100			96.473			76.947		682.420


 Conservator of Forests & Field Director Project Tiger.
 Kawal Tiger Reserve Circle, Nirmal