

F. No. 4-1(60)/2023-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger & Elephant Division

B-1 Wing, 7th Floor,
Pt. Deendayal 'Antyodaya' Bhawan,
CGO Complex, Lodhi Road,
New Delhi-110003.
Email: aig3-ntca@nic.in
Tel (EPABX): 011-2436 7837-39

Dated: September 5th, 2023

To,

**The Pay & Accounts Officer,
Ministry of Environment, Forest and Climate Change,
New Delhi.**

Sub: Centrally Sponsored Scheme 'Project Tiger & Elephant' Administrative Approval for funds release to Government of Tamil Nadu, during 2023-24 –1st installment – reg.

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger & Elephant' in (a) Anamalai, (b) Kalakad Mundanthurai, (c) Mudumalai, (d) Sathyamangalam and (e) Srivilliputhur Megamalai Tiger Reserves Tamil Nadu at the cost of **Rs. 4917.7500 (Rupees Four Thousand Nine Hundred Seventeen Lakhs Seventy Five Thousand Only)** as per details given in the table at Annexure.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 655.87919 lakhs (Rupees Six Hundred Fifty Five Lakhs Eighty Seven Thousand Nine Hundred Nineteen Only)** as the 1st installment of Central Share towards the Grants-in-aid to Government of Tamil Nadu during the current financial year 2023-24. The balance amount of the Central Assistance will be released in due course after a review of the progress of expenditure/work is undertaken.

3. The grants-in-aid will be regulated in accordance with the provisions contained in the memorandum of the Centrally Sponsored Project Tiger Scheme. The Grants-in-Aid is also subject to the Chapter 9 of the General Financial Rules 2017, as amended from time to time, read with the Government of India's decision incorporated there-under, and any other guidelines which may be issued in this regard, and in particular to the following conditions:-

- i. All relevant information and documents/certificates as required under GFR 209(I) have been received.
- ii. The pattern of assistance of rules governing such grants-in-aid have received the approval of the Ministry of Finance, as required under Government of India decision No. (1) under DFPR-Rules 20.
- iii. Terms and conditions of the service of the employees employed under the **Project Tiger and Elephant Scheme** are not higher than those applicable to similar categories of employees of Central Government and where it is not in accordance with above, the relaxation of Ministry of Finance have been obtained for such discrepancies as required under GFR 230(12)(I).
- iv. Assets acquired wholly or substantially out of Government Grants shall not be disposed off without obtaining the prior approval of the sanctioning authority of Grants-in-aid.
- v. The **Government of Tamil Nadu** agrees to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by Govt. of India.

बी-१ विंग, सातवां तल, पं. दीनदयाल अंत्योदय भवन, सी.जी.ओ. कॉम्प्लेक्स, लोधी रोड, नई दिल्ली-110003
B-1 Wing, 7th Floor, Pt. Deendayal Antyodaya Bhawan, CGO Complex, Lodhi Road, New Delhi - 110003

HEMANT SINGH
सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
Assistant Inspector General of Forests (Project Tiger & Elephant)
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forests and Climate Change
भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

- vi. The accounts of the **Project Tiger and Elephant Scheme** shall be audited by C&AG or by any person authorized by him on his behalf in accordance with the provisions laid down in Section 14 of the C&AG (DPC) Act, 1971 as amended from time to time.
- vii. The accounts of the **Project Tiger and Elephant Scheme** shall be open for inspection by the sanctioning authority and audit, both by the Comptroller & Auditor General of India under the provision of C&AG (DPC) Act, 1971 and internal audit party by the Principal Accounts Office of the Ministry whenever it is called upon.
- viii. The Utilization Certificate against the earlier funds released under Grants-in-aid have been received and accepted by the competent authority.
- ix. Government of Tamil Nadu in respect of **Project Tiger and Elephant Scheme** may furnish their performance-cum-achievement report on or before 31.03.2024.
- x. **Tiger/Elephant Reserves** will spend Grants-in-aid exclusively in pursuance of the objectives envisaged in rules/memorandum of the Centrally Sponsored Scheme 'Project Tiger & Elephant' and for the purpose it is being sanctioned.
- xi. Grants-in-aid to **Government of Tamil Nadu** is subject to the Economy Instructions issued from time to time by the Ministry of Finance or by the Competent Authority.
- xii. Grants-in-aid shall be utilized before the end of the current financial year 2023-24 and unspent balance, if any, will be refunded by **Government of Tamil Nadu** to the **Govt. of India**.
- xiii. Government of Tamil Nadu in respect of **Project Tiger and Elephant Scheme** will maintain a separate account and will present their annual accounts in the standard format as required under GFR 230(5).
- xiv. Grants-in-aid shall be utilized for **(a) Anamalai, (b) Kalakad Mundanthurai, (c) Mudumalai, (d) Sathyamangalam and (e) Srivilliputhur Megamalai Tiger Reserves Tamil Nadu** strictly as per the Memorandum of Understanding (MOU) between the Ministry of Environment, Forests and Climate Change, acting through the National Tiger Conservation Authority, Field Director **((a) Anamalai, (b) Kalakad Mundanthurai, (c) Mudumalai, (d) Sathyamangalam and (e) Srivilliputhur Megamalai Tiger Reserves Tamil Nadu)** and **Government of Tamil Nadu**.
- xv. Monitorable outcomes on the item of works contained in the sanction letter both in physical and financial terms are required to be furnished in the monthly report regularly. Compliance status on Tripartite Memorandum of Understanding is required before submission of additional or ensuing year's Annual Plan of Operation (APO).
- xvi. The expenditure should be limited to the amount released and in no case should be done in anticipation of further release by the Ministry.
- xvii. The payments of daily wagers should be done through account transfer / account payee Cheques only duly linked with Aadhar Number.
- xviii. It may please be ensured that there is no duplication of nature and items of work being proposed in the same area under the **Centrally Sponsored Scheme of Project Tiger and Elephant** and other Centrally Sponsored Schemes such as Eco-development and IDWH Schemes etc.
- xix. The cost estimates worked out by the Field Director should be based on approved schedule of rates of the State Government, with due approval of the competent authority.
- xx. Approval of the competent authority be obtained and acceptance of UC may be ensured by PD.
- xxi. The expenditure is incurred as per the allocation of funds.
- xxii. Payments are made by bank transfer and no cash payment is to be made.
- xxiii. Funds for POL / maintenance of vehicles would be admissible only for the vehicles purchased from CSS funds.
- xxiv. Funds will not be diverted for any item other than specified herein.
- xxv. Funds to be spent only on items approved in Tiger Conservation Plan (TCP)/CSS Guidelines.
- xxvi. Compensation for loss due to wildlife is to supplement the State Government fund as per the rules of State Government.
- xxvii. GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.
- xxviii. Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- xxix. Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- xxx. In case of employment through contract, copy of PF & ESI contributions of employees shall be obtained wherever applicable.

- xxxi. All measurable outcome of this grant must be mentioned in the sanction order and UC is to be submitted as prescribed in GFR 2017 – Form GFR 12-C.
- xxxii. If the implementing agency does not use the fund for the purpose for which it was given, it has to refund the same with interest.
- xxxiii. There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- xxxiv. The sanction order must mention measurable physical parameters and all measurable parameters are to be adhered to.
- xxxv. The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- xxxvi. All guidelines under the project is to be followed scrupulously.
- xxxvii. The UC with physical progress report and satellite photo with physical deliverable with date and latitude – longitude coordinates before and after completion of work be obtained of each tiger reserve and uploaded on the website of the implementing agency as well as the Ministry for public access.
- xxxviii. The measurable outcome under the project (quantified) in terms of number of tigers/elephants in reserves, eco-tourism in tiger/elephant reserves, %age decrease in man-animal conflict etc., may also be submitted in the progress report.
- xxxix. All labour payments strictly by Direct Benefit Transfer (DBT).
- xl. The guidelines of Project Tiger and Elephant Scheme are followed by **Tiger/Elephant Reserves** and Expenditure Evaluation Report on the expenditure incurred vis-à-vis proposed activities and result achieved may be furnished.

3. As the annual budget of the Scheme is approved by the Central Government, the Government of Tamil Nadu is not required to furnish bond and sureties, in accordance with the Ministry of Finance O.M. No. 14(1)-EII (A)/64 dated 23.06.1965.

4. The terms and conditions of the payment are as under:

(a) The grant is in accordance with the pattern of financial assistance approved by the Ministry of Finance.

(b) The grant sanctioned is subject to the adjustment on the basis of the terms and conditions approving the scheme.

5. No deviation from the approved items of expenditure as enumerated in the annexure shall be made without prior concurrence of the Government of India. The guidelines of National Tiger Conservation Authority should be fully adhered to. The Chief Wildlife Warden and the Principal Chief Conservator of Forests of the State Government should be directed to ensure that the field works are in accordance with the Tiger Conservation Plan and the Annual Plan of Operation by the field inspections from time to time.

6. In accordance with the revised procedure, the Central Accounts Section, Reserve Bank of India, Nagpur, may kindly be advised to pass on credit to the books of the State Government of Tamil Nadu under intimation to this Department.


हेमन्त सिंह / HEMANT SINGH
सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
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7. The expenditure incurred is adjustable to the Demand No. 28 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2023-24:

								(Rs. In Lakhs)
S. No.	(Grant-in-Aid to State Government->Central Assistance/Share) Component	Anamalai	Kalakad Mundanthurai	Mudumalai	Sathyamangalam	Srivilliputhur Megamalai	Project Elephant	Total
1	3601.06.101.02.05.31 (Grant-in-Aid General)	62.58189	54.22620	104.92857	96.25000	69.93140	94.30053	482.21859
2	3601.06.789.02.05.31 (Special Component Plan for Scheduled Castes)	8.94027	7.74660	14.98981	13.75000	9.99020	0.00000	55.41688
3	3601.06.796.02.05.31 (Tribal Area Sub Plan/STC)	17.88054	15.49320	29.97958	27.50000	19.98040	7.41000	118.24372
TOTAL		89.40270	77.46600	149.89796	137.50000	99.90200	101.71053	655.87919

8. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Unique No. 115/IFD/2023 dated 5th September, 2023. Compliance of all the guidelines/instructions regarding release of funds under Centrally Sponsored Schemes (CSS) and monitoring utilization of funds released, Issued by Dept. of Expenditure (Ministry of Finance) vide OM No 1(13)PFMS/FCD/2020 dated 23.03.2021 must be ensured.

Yours faithfully,


(Hemant Singh)

Assistant Inspector General of Forests (PT&E)

Copy to:-

1. The Secretary, Ministry of Environment, Forests and Climate Change, New Delhi.
2. The Secretary (Forests), Govt. of Tamil Nadu. A copy of the detailed sanction letter issued by the State Government in respect of this scheme for 2023-24 may kindly be furnished to this Ministry.
3. The Secretary (Finance), Govt. of Tamil Nadu.
4. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Tamil Nadu.
5. The Field Director(s), (a) Anamalai, (b) Kalakad Mundanthurai, (c) Mudumalai, (d) Sathyamangalam and (e) Srivilliputhur Megamalai Tiger Reserves Tamil Nadu.
6. The Accountant General, Tamil Nadu.
7. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
8. The IGF, PT&E, MoEF&CC, New Delhi
9. The IGF/AIGF, NTCA Regional Office, Nagpur.
10. Forest Finance Division, MoEF&CC, New Delhi.
11. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
12. Guard file/Spare copies.


(Hemant Singh)

Assistant Inspector General of Forests (PT&E)

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सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
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(D) PROJECT TIGER**(Rs. In Lakhs)**

SI No	Tiger Reserves	Non Recurring		Recurring		Total		Grand Total
		Sanction	Sanction	Sanction	Sanction	(Central Sh	Total (State	
		(Central S hare)	(State Sha re)	(Central S hare)	(State Sha re)	are)	Share)	
1	Anamalai	177.42480	118.28320	180.18600	180.18600	357.61080	298.46920	656.08000
2	Kalakad Munda nthurai	145.94400	97.29600	163.92000	163.92000	309.86400	261.21600	571.08000
3	Mudumalai	176.67600	117.78400	422.92500	422.92500	599.60100	540.70900	1140.31000
4	Sathyamangala m	0.00000	0.00000	550.00000	550.00000	550.00000	550.00000	1100.00000
5	Srivilliputhur M egamalai	97.60800	65.07200	302.00000	302.00000	399.60800	367.07200	766.68000
Total						2216.68380	2017.46620	4234.15000


(Rs. In Lakhs)

		Anamalai	Kalakad Mundan- thurai	Mudu- malai	Sathya- mangalam	Srivilli- puthur Megamalai	Project El ephant	Total
Cost APO including State's share	A	656.08000	571.08000	1140.31000	1100.00000	766.68000	683.60000	4917.75000
Center's share in APO	B	357.61080	309.86400	599.60100	550.00000	399.60800	410.16000	2626.84380
1st release @ 25% of Centers share	C = .25*B	89.40270	77.46600	149.90025	137.50000	99.90200	102.54000	656.71095
Less: Unspent balance FY 2022-23	D	0.00000	0.00000	0.00229	0.00000	0.00000	0.82947	0.83176
Adjusted 1st Release	E = C - D	89.40270	77.46600	149.89796	137.50000	99.90200	101.71053	655.87919
Balance to be released 75% of B	F = B - C	268.20810	232.39800	449.70075	412.50000	299.70600	307.62000	1970.13285


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Project Tiger APO for the year 2023-24 - Anamalai Tiger Reserve, Coimbatore

S.No	Item of Work	Para No		Previous Year Details 2022-2023						Current Year APO 2023-24				Justification		
		CSS FT Guidelines	TCP	Location / GPS Coordinates	Physical		Financial		Location / GPS Coordinates	Physical Target	Unit Cost (in Rs)	Amount (Financial Target - Rs. In lakhs)				
					Target	Achieve	Target	Achieve								
I	Anti-Poaching															
1	Providing refilling charges for LPG connection to all 45 Anti Poaching Camps (PoJ division - 24 Nos and Ipr- 21 Nos)	8.8.1.8 / 234			44	0	0.44000					0.00000	LS	LS	0.16127	Committed Expenditure This work has been carried out during 2022-23 for the amount of Rs. 0.16127 lakhs. This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.
II	Strengthening															
1	Maintenance / Construction of staff quarters, family hostels, office improvement, house keeping, buildings, museum															
a	Purchase of cooking utensils for elephant camp in Ulandy Range	9.7.5	4.7.1	10 28 19 30 76 50 38 64"	10 Nos		2.50000					0.00000				
b	Purchase of medicines for camp elephants in Ulandy Range	9.7.5	4.7.1	10 28 19 30 76 50 38 64"	1 S		1.00000					0.00000	LS	LS	1.00000	Committed Expenditure This work has been carried out during 2022-23 for the amount of Rs. 1.00 lakhs. This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.
c	Improvement and Maintenance of Christian Check post			10 21 17 2 77 13 10 5"	1 No		1.00000					0.00000				
d	Improvement and Maintenance of Doly Dog Kennel at Amaravathi Nagar			10 25 57 0 77 15 44 0"	1 No		0.50000					0.00000				
e	Maintenance of Fire Quater Management centre at Chinnar															
f	Maintenance of JA Quarters at Amaravathi								10 31 42 77 22 27"	1 No	20000	0.00000	1 No	20000	0.00000	The Residential buildings are in a damaged condition due to seepage in roof, defects in the pipe line, electrical fittings and septic tank, etc. These require urgent maintenance / repairs to make the buildings fit for occupation by the staff. Hence, this provision is essentially required.
g	Maintenance of Crocodile Farm PG Quarters at Manipatty								10 29 26 4 77 12 32 8"	1 No	20000	0.00000	1 No	20000	0.00000	
h	Maintenance Kallapuram Beat FG & FW Quarters at Amaravathi								10 26 02 5 77 15 43 3"	1 No	40000	0.00000	1 No	25000	0.00000	
i	Maintenance Thelaj East Beat FG & FW Quarters at Amaravathi								10 25 57 2 77 15 42 8"	1 No	25000	0.00000	1 No	25000	0.00000	
2	Welfare of Tribal Residential School and Primary Health Centre at Toppil	16.6.4			4 Nos		9.26400					0.00000	LS	LS	3.89200	Committed Expenditure Wages has been settled to Teachers during 2022-23 for the amount of Rs. 3.892 lakhs. This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.
a	Engaging temporary teachers for Tribal schools for teaching 86 tribal students	16.6.4	4.7.4 / 256							4 Nos	19300 / No	9.26400				The present tribal residential school at Toppil was established during 1951, due to various development measures taken, dropout rate has been considerably reduced. Now the school is strength of 86 students. During the Covid lock down period efforts were taken by deploying teachers to visit the tribal hostels and taught the lessons in their residence itself. The primary section is one of the critical steps in learning process with forms the base of education and its under standing in every child's mind. The tribal residential school will be extending play and learn facilities to enhance the learning of tribal children.
b	Improvement of Primary health centre for the tribal at Toppil especially for tribal settlements and forest staff	16.6.4	4.7.4 / 256	10°28'15.90" 76°50'32.94"	1 No		2.50000					0.00000	LS	LS	0.49600	Committed Expenditure This work has been carried out during 2022-23 for the amount of Rs. 0.4960 lakhs. This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.
				10°28'15.90" 76°50'32.94"						1 No	500000 / No	5.00000				A Government dispensary with an Assistant Surgeon in charge was opened on 08.12.1950 for providing first medical aid to the staff and labour force at Toppil. The dispensary is under the control of the forest department. At present the medical facilities offered by the dispensary are availed by 187 families of tribal from 3 settlements in Ulandy Range (670 people approx) and staff and family (100 people approx) in Ulandy Range. Medicines required for the dispensary are supplied by the District Health Officer, Coimbatore. One separate room for maternity care is available at the dispensary with incubator facility. ECG facility is also available at the dispensary. However, the existing consultation room, maternity care facilities needs to be improved in this primary health centre and hence, it is proposed.
3	Establishing Monitoring system for Tigers Invasive pestivirus and Ecological Status (M-Stripes) monitoring.															
a	Procurement of mobile phone (Android OS - Indian) for M-Stripes for Truppur (10 Nos), for Pollachi (10 Nos) @ Rs. 20000 / Per No	16.2.27	8.4.4 / 164		20 Nos		4.00000					0.00000	20 Nos	20000/No	0.00000	It is planned that 10 Numbers of hand mobile units be purchased for use in the Tiger Reserve's M-Stripes programme based on the compliance with NITCA's advising letter E.No 15-17/2010-NITCA (Vol I), dated February 21, 2018. The mobile sets will be purchased locally at a cost of around Rs.20000 - each set, according to standard procedures and guidelines. Hence it is proposed.
b	Procurement of tranquilizing medicine, animal rescue tools, maintenance of rescue vehicles (Pollachi Division - 6.00 lakhs)	16.2.27	8.4.4/164		15		1.00000					0.00000	15	15	0.21130	Committed Expenditure This work has been carried out during 2022-23 for the amount of Rs. 0.2113 lakhs. This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.
												0.00000	15	15	0.00000	As of now there is no tranquilizing gun available at Anamalai Tiger Reserve. Hence, immobilization instruments and medicines would be procured for the rescue and rehabilitation of wild animals straying outside of the forest region, as well as for emergency response. The money will also be used to keep rescue vehicles in good working order and to have medicines.
c	Procurement of Post-mortem equipments (Truppur-0.50 lakhs, Poll - 2.00 lakhs)	16.2.27	8.4.4/164		15		1.00000					0.00000	15	15	0.00000	To conduct post mortem of all the wild animals as per the standard operation procedure, it is proposed for procurement of post mortem equipments.
d	Procurement of office (M-Stripes) equipments Computer, Printer, UPS, Network infrastructure (WiFi and LAN) etc. for Truppur division (Printer - 1 No)	16.2.28	8.4.4 / 164		1 Nos		1.67000					0.00000	15	15	0.00000	The use of computer and other hardware components to document data for the All India Tiger Estimation and general Wildlife census with M-Stripes software facilities are critically required. Hence proposed.
III	Addressing man animal conflict															
1	Payment of compensation for crop depredation, injury or loss of human life due to attack by wild animals. (Pollachi- 1.00 lakhs, Truppur-1.00 lakhs)	16.4.3	8.1.8.1 / 157		15		2.00000					0.00000	15	15	2.00000	It is essential to ensure timely payment of compensation to the victims of damage caused by wild animals. It's an anticipated expense that can't be avoided. Hence the amount proposed may be allowed.
2	Procurement of traps to catch problematic animals. Procurement Tiger/ leopard Trap Cages, Spacox cages and animal rescue kit and release of the Wild animals which are straying outside the Forest areas of Tiger Reserves.				15		2.00000					0.00000	15	15	1.00000	To mitigate the man animal conflict procurement of rescue kit Tiger / leopard trap cages etc. are very much essential while handling the wildlife. Hence it is proposed.


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Project Tiger APO for the year 2023-24 - Anamalai Tiger Reserve, Coimbatore

Sl.No	Item of Work	Para No		Previous Year Details 2022-2023							Current Year APO 2023-24				Justification
		CSS PT Guidelines	TCP	Location / GPS Coordinates		Physical		Financial			Location / GPS Coordinates	Physical Target	Unit Cost (in Rs)	Amount (Financial Target - Rs In lakhs)	
				Target	Achieve.	Target			Achieve.						
3	In 2021-2022, Constructed 10,000 Sqft. Nature Based Rehabilitation Center for Tiger cub @ Mandiramatam in Mannamboli Range (Total Expenditure for the year 2021-2022 Rs.54,10,668 Lakhs) Providing Tiger Enclosure at Mandiramatam in Mannamboli range (incl. CCTV Cameras, FPI, Water Facilities, Solar Fencing & Alcholic Bleach) 1) CSO No: 11 2021-22 - 2118674 2) CSO No: 12 2021-22 - 1826670 3) CSO No: 13 2021-22 - 682158 4) DSRO No: 248 2021-22 - 447017 5) DSRO No: 249 2021-22 - 356149	16.1.21	9.8.204	15	15	25,00,000		25,00,000		25,00,000		15	15	29,10,668	With the objective to rewild the tiger cub, the enclosure of 10000 sq feet was constructed at Mandiramatam area in Mannamboli range at a total cost of 54.1 Lakhs. In the year 2022-23 under Project Tiger, an amount of Rs. 25 Lakhs has been sanctioned. Remaining amount of Rs. 29,10,668 is proposed for the current year. The tiger cub was an orphaned cub and had been with its mother and had the instinct of hunting and had been fed on small prey. There was a need to shift the animal to a nature-based rewilding centre to enable the animal to gain strength and practice its natural wild instincts like territory marking, raking on the trees, growing, etc. and hunting. A minimum of 50 wild prey has to be hunted during the rewilding process as per the SOP of NITCA and very low human impact has to be seen on the animal. So, the animal has to be exposed to the natural environment and fed with live wild prey in a larger enclosure. Small wild prey needs to be introduced which are smaller and easy to capture and then shall gradually be upgraded to larger prey after evaluating the hunting skills of the animal. This amount has to be reimbursed to the foundation, hence proposed.
4	Provided the Most, medicinal treatments, Dental Surgery and transport expenses of the ANNA, 156 Male Tiger Cub for the year of 2021-22. Rs.18,56,200	16.1.21	9.8.204	15	15	8,00,000		8,00,000		8,00,000		15	15	10,58,200	Medical treatment needs to be given to the animal and supplemented with ment for quite some time till it becomes an expert in capturing live wild prey. Some medicines for deworming and other antibiotics are to be supplemented with ment. The monitoring team should be provided with vehicle facilities for transporting the team members for the purchase of meat and medicines for the visiting veterinarian and for their emergencies. The usage and the vehicle would be used for transporting the animal to smaller facilities and for minor health interventions of the tiger cub. This amount has to be reimbursed to the foundation, hence proposed.
5	Establishment of a herbivore enclosure near Nature Based Rewilding Centre in Anamalai Tiger Reserve, Pollachi Division	16.1.21	9.8.204									15	15	0.00000	With the objective to rewild the tiger cub, the enclosure of 10000 sq feet was constructed at Mandiramatam area in Mannamboli range. The tiger cub was an orphaned cub and had been with its mother and had the instinct of hunting and had been fed on small prey. There was a need to shift the animal to a nature-based rewilding centre to enable the animal to gain strength and practice its natural wild instincts like territory marking, raking on the trees, growing, etc. and hunting. A minimum of 50 wild prey has to be hunted during the rewilding process as per the SOP of NITCA and very low human impact has to be seen on the animal. So, the animal has to be exposed to the natural environment and fed with live wild prey in a larger enclosure. Small wild prey needs to be introduced which are smaller and easy to capture and then shall gradually be upgraded to larger prey after evaluating the hunting skills of the animal. The enclosure needs to be maintained as natural as possible and large enough to replicate the natural environment so that the animal can hone its hunting skills by stalking and capturing the wild prey which would curtail the hunting abilities of the carnivore. It should also have a 'snout' type herbivore capture facility and prey enclosures for the animal to hunt the prey, which is free from human disturbance. Monitoring of the animal should be done 24x7 using surveillance cameras from the nearby monitoring station and the feeding of cat must should be gradually discontinued and made arrangements to feed the animal with wild prey. Similar to the smaller enclosure, the larger nature-based rewilding centre also needs to have a chain link fence surrounded by FPI and a solar fence.
IV Research and field equipment															
1	All India Tiger Estimation Post and Pre monsoon census (2 Nos- Pollachi, 2 Nos- Tiruppur)	16.2.27	9.8.204	4 Nos	4 Nos	1,00,000		0,50,000	0,50,000			4 Nos	25,000/No	1,00,000	According to the NITCA's most recent protocol, Tiger Reserves are required to conduct post- and pre-monsoon censuses on a regular basis. Hence provision may kindly be accorded.
2	Transect lines marking, maintenance and clearing for 53 beats * 2 times / 200 / transect line / 2km (Pov - 32 beats and Tpr - 21 beats)	16.2.27	9.8.204	112 Nos	70 Nos	1,34,400		0,83,700		0,83,700		104 Nos	1200/line	1,24,800	As per the latest protocol of NITCA, All India Tiger Estimation Program Post and Pre monsoon census are periodic duties of Tiger Reserves. Hence provision may kindly be accorded.
3	Buy an all-weather monitor of wild animals	16.1.21	9.8.204	50 Nos		10,00,000						75 Nos	25,000/No	0,00,000	According to the most recent NITCA policy, one pair of camera traps must be deployed in every 2 square kilometres. In order to complete the camera trapping in one stretch, ATR requires 1108 cameras for Phase IV monitoring, monsoon census and human wildlife conflict habitat improvement documentation. At the moment, there are 476 cameras that are operational. As a result, it is planned that 140 camera traps be purchased this year out of the remaining 632. Further all the equipments mentioned here highly required for All India Tiger Estimation. Hence proposed.
4	Purchase of Camera Trap Batteries for grid survey @ Rs. 40 / per no. pollachi Division - 10000 Nos Tiruppur Division - 6000 Nos	16.1.21	9.8.204	16000 Nos		7,20,000				0,00,000		15	15	3,11,760	Committed Expenditure This work has been carried out during 2022-23 for the amount of Rs. 3,11,760 lakhs. This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.
5	Purchase of Camera Trap safety locker @ Rs. 750/- / Per Camera (see Further - 50 Nos. and Tiruppur - 150 Nos)	16.1.21	9.8.204	100 Nos		0,75,000		0,00,000		0,00,000		16000 nos	40/No	6,40,000	Few day-to-day monitoring of wild animals, all the equipments such as batteries, memory card, safety locker, range finder, compass etc. is required and proposed.
6	Labour charges for fixing of Camera Trap for each grid @ 250 Mandays @ Rs. 622.45 / Per day for Pollachi and 245 Mandays @ Rs. 622.45 / Per day for Tiruppur	16.1.21	9.8.204	500 MD		2,46,000		0,00,000		0,00,000		195 Manday	622.45 & 612.45 / MD	3,05,663	
7	Purchase of Memory Card 32 GB @ Rs. 500/- for Pollachi 650 Nos and Tiruppur - 650 Nos - Total - 1300 Nos	16.1.21	9.8.204	1300		6,50,000		0,00,000		0,00,000		1300 Nos	500/No	6,50,000	
8	Purchase of Compaq / Tpr - 10 Nos	16.1.21	9.8.204	20 Nos		0,80,000		0,00,000		0,00,000		10 Nos	4000/No	0,40,000	
9	Procurement of Range Finder @ Rs. 11,000/- / Tpr - 5 Nos	16.1.21	9.8.204	10 Nos		1,10,000		0,00,000		0,00,000		5 Nos	11000/No	0,55,000	
10	Truck Hire @ Rs. 2,000/- / 10 Nos - Tiruppur	16.1.21	9.8.204	34 Nos		0,68,000		0,00,000		0,00,000		25 Nos	2000/No	0,50,000	
11	Purchase of Card reader for Pollachi Division (25 Nos) @ Rs. 2,000/-	16.1.21	9.8.204	25 Nos		0,50,000		0,00,000		0,00,000		10 Nos	20000/No	2,00,000	
12	Purchase of Hrd Drive 5 TB @ Rs. 20,000/- (Tiruppur - 4 Nos, Pol-6 Nos)	16.1.21	9.8.204	8 Nos		1,60,000		0,00,000		0,00,000		10 Nos	20000/No	2,00,000	
13	Purchase of digital Handy Camera Tiruppur - 3 Nos @ Rs. 50,000/-	16.1.21	9.8.204	1 No		0,50,000		0,00,000		0,00,000					
V Staff Expenditure															
1	Conducting study tour for officers & staffs to other Tiger Reserve.			15		1,00,000						15	15	0,00,000	Study tours for appraisal of good practices in other reserves will be given to all kind of staffs working in the Tiger Reserve. Hence it is proposed.
2	Cell phone bill payment for Field Director, Deputy Director, Rangers, Foresters and Crisis Management Cell and land line Phone charge for crime control board at camp office			71 Nos		5,34,000						71 Nos	15	6,34,000	Committed Expenditure This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.
												25 Nos	15	5,52,000	For effective protection, funds are essential to maintain a continuous communication network via cell phones and land lines.


हेमन्त सिंह / HEMANT SINGH
 सहायक वन मलिनिसिक (बायो रिमोडिफिकेशन परियोजना)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

Project Tiger APO for the year 2023-24 - Anamalai Tiger Reserve, Coimbatore

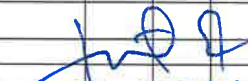
S.No	Item of Work	Para No		Previous Year Details 2021-2023							Current Year APO 2023-24						
		CSS PT Guidelines	T.C.P	Location / GPS Coordinates	Physical		Financial					Location / GPS Coordinates	Physical Target	Unit Cost (In Rs)	Amount (Financial Target - Hs. In lakhs)	Justification	
					Target	Achieve.	Target										
3	Provision of Project Allowance to staff (all categories) of Project Tiger FD Office - 31 Nos. Pollachi Division 160 Nos Tiruppur Division - 80 Nos. Total - 271 Nos	16.8.5	8.8.18 / 236		15		20.92000						0.00000	15	15	17.62915	Committed Expenditure This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.
4	Ration allowance as per the guidelines of CSS PT for Forester, Forest Guard and Forest Watchers permitted by G.O. @ Rs.860/- per person.	16.8.5	8.8.18 / 236		15		17.96000						0.00000	271 Nos	15	22.58400	Committed Expenditure This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.
5	Ration allowance to Anti-poaching Watchers, Pollachi-59 Nos, Tiruppur - 48 Nos Total - 107 Nos.	16.8.5	8.8.18 / 236		120 Nos		36.00000						0.00000	107 Nos	860/no	20.53680	As per National Tiger Conservation Authority letter No 1531/2012/NITCA dt. 05.06.2016, funds are necessary to provide ration allowance to personnel in Sls Ranges for the period April 2023 to March 2024.
51	Restoring eco-tourism																
1	Up-gradation of Rest Houses, dormitory and Trekking shed etc., Pollachi Division																
1	Providing Eco friendly Dust Bins at Monkey falls @ Rs.20,000/-				10 Nos	10 Nos	2.00000	1.80000					1.80000				
2	Improvement of toilet and dress changing room at Monkey falls @ Rs.1,00,000/- (lighting facilities, dress changing toilet and rainfall for electricity, additional room)				7 Nos		3.00000	0.00000					0.00000				
3	Providing Ground level water tank to all the Rest House (Tank Near Forest Rest House)				1 No		10.00000	0.00000					0.00000				
4	Improvement and Renovation existing Medicinal Plant Conservation Authority (MPCA) facilities at Topslip	10.17.3			1 No	1 No	2.00000	2.00000		N 10 28'34"	E 76 50'33"	1 No	500000	0.00000			To facilitate the upcoming tourist people in Anamalai Tiger Reserve. Improvement and Renovation existing MPCA facilities including the building, nursery, garden at Topslip is very much essential. Hence it is proposed.
5	Improvement of Wood House at Ulandy Range				1 No	1 No	1.00000	1.00000									
6	Improvement of Approach pathway to Chital Rest House in Ulandy Range				1 No	1 No	1.00000	1.00000									
7	Improvement of Approach pathway to Hornbill Rest House in Ulandy Range				1 No		1.00000	0.00000									
8	Improvement of Bison Lodge Rest House				1 Nos		2.50000	0.00000									
9	Improvement and Maintenance of Waterfalls trekking shed				1 No		2.00000	0.00000		N 10 28'12"	E 76 50'32"	1 No	250000	2.50000			To facilitate the upcoming tourist people in Anamalai Tiger Reserve. Improvement of Bison Rest House in Ulandy Range is very much essential. Hence it is proposed.
10	Improvement of trainees hostel in Attakatti				1 No		2.00000	0.00000		10 25'22"	76 59'40"	1 No	200000	2.00000			To facilitate the upcoming tourist people in Anamalai Tiger Reserve. Improvement and Maintenance of Waterfalls trekking shed is very much essential. Hence it is proposed.
11	Improvement of trainees mess in Attakatti				1 No		1.00000	0.00000		N 10 44'51.27"	E 076 58'22.28"	1 No	200000	2.00000			Various types of training are provided for Forest Department staff and Forestry students throughout the year. Valparai Plateau is home to the Attakatti training centre. While conducting training programme, accommodation is very essential. Hence it is proposed.
12	Improvement of Ambuliyam Rest House at Pollachi				1 No		2.00000	2.00000									
13	Improvement of bamboo hut at Pollachi				1 No	1 No	1.00000	1.00000									
14	Improvement of Tree Top in Ulandy Range	16.17.3								N 10 28'07"	E 76 50'26"	1 No	500000	5.00000			To facilitate the upcoming tourist people in Anamalai Tiger Reserve. Improvement of bamboo hut is very much essential. Hence it is proposed.
15	Improvement of Eco shop in Ulandy Range				1 No		1.00000	0.00000									
16	Improvement of Reception in Ulandy Range				1 No		1.00000	0.00000									
17	Improvement of Chinnakkal Falls at Chinnakkal in Manamboli Range	16.17.3								N 10°18'08.44"	E 77°01'55.41"	1 No	500000	5.00000			To facilitate the upcoming tourist people in Anamalai Tiger Reserve. Improvement of Chinnakkal Falls at Chinnakkal in Manamboli Range is very much essential. Hence it is proposed.
Tiruppur Division																	
18	Improvement of Chinnar Rest House				1 No	1 No	1.50000	0.60000									
19	Improvement and Maintenance of Keelanavayal Trekking Shed at Amaravathi Range				1 No		2.00000	0.00000									
20	Improvement of Amaravathi Range Rest House																
1	Engaging Eco-sanitary watchmen 13 Nos. for 25 days / month for 12 months (at Rs.542/day - Tiruppur Division, at Rs.636/day - Pollachi Division)		7.3.14 / 82		13 Nos	13 Nos	22.55400	15.16048		10 42'14.88"	77 26'16.23"	1 No	2,00,000	2.00000			To accommodate the tourist in Anamalai Tiger Reserve. Improvement and Maintenance of Amaravathi Rest House is very much essential. Hence it is proposed.
2	Pollachi division - 9 Nos Ulandy Range - 3 Nos Valparai Range - 2 Nos Manamboli Range - 2 Nos							10.68010	4.48038								
3	Engaging Eco-guides 12 Nos. for 25 days / month for 12 months (at Rs.542/day - Tiruppur Division, at Rs.636/day - Pollachi Division)		7.3.39 / 98		12 Nos	12 Nos	21.00600	11.17000	3.36000								
4	Engaging Receptionist on contract basis @ Rs. 17925/- pm Pollachi Division		7.3.6 / 70														
5	Vista-chaurama for free movement of animals and watching for wildlife in the Forest Pollachi Division - 30 Km Sulliamudi Check post - Arappur Division Main Gate - Keelkumbhari Kodikkumbhari - Topslip Tiruppur Division - 26 Km 9/6 Check Post to Chinnar				56 Km		9.10400	0.86000									


हेमन्त सिंग / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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Pollachi Division
 10°30'40.51"
 76°52'43.51"
 10°26'41.49"
 76°50'50"
 10°27'19"
 76°49'49"
 Tiruppur Division
 10°44'9.00"
 77°24'05.80"
 10°55'49.00"

Project Tiger APO for the year 2023-24 - Anamalai Tiger Reserve, Coimbatore

Sl.No	Item of Work	Para No		Previous Year Details 2022-2023							Current Year APO 2023-24			Justification		
		CSS PT Guidelines	TCP	Location / GPS Coordinates	Physical	Financial	Location / GPS Coordinates	Physical Target	Unit Cost (in Rs)	Amount (Financial Target - Rs. In lakhs)						
6	Wildlife Sensitization Awareness Workshop for stakeholders, Local Community, NGOs, planters in the Valparai plateau and others (Pollachi - 1 No and Tir - 2 Nos)	16.17.3	8.6.4 / 195		Target	Actuals	Target					1 Nos	25000/No	0.00000	Stakeholders and the local community must be educated about their responsibility in the conservation of Anamalai Tiger Reserve's bio diversity. Hence workshops will be conducted on awareness of wildlife conservation / eco-tourism by utilizing the funds proposed.	
7	Printing publicity materials like posters, brochure, books and other publications (Pollachi - 2.00 lakhs and Tir - 1.00 lakhs)				15		1,00,000					15	15	0.36000	Committed Expenditure This work has been carried out during 2022-23 for the amount of Rs. 0.36 lakhs. This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.	
8	Workshop - Seminar with Law department for mainstreaming biodiversity awareness. (Rs. 50000 for Pollachi and Rs 50000 for Tirupur)	16.17.3	8.6.4 / 195	1S			1,00,000					1S	1S	0.00000	Stakeholders and the local community must be educated about their responsibility in the conservation of Anamalai Tiger Reserve's bio diversity. Hence publicity materials are very much essential for creating awareness and promoting tourism.	
9	Conducting Wildlife Week celebration, World Forestry Day / Earth Days / Environment Day / Biodiversity Day / summer festival in valparai and etc., (Tiruppur - 0.20 lakhs & Pollachi Division - 0.20 lakhs)	16.17.3	7.3.6 / 70	2 Nos			0.40000					1S	1S	0.00000	Committed Expenditure This work has been carried out during 2022-23 for the amount of Rs. 0.20 lakhs. This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.	
Total Non-Recurring - (Cure Zone)							16,00,000	0.00000	64,98,718	8,94,638	0.00000	0.00000	0.00000	0.00000	337,81,631	
Non-Recurring (Buffer Zone)																
1. Infrastructure																
1	Hardware, software, etc., procurement of office equipments. Laptop, Computer, UPS, FAX etc.,	16.2.28	8.4.4 / 164	1 No			0.50000					1S	1S	0.00000	The current stock of Range office equipment is insufficient to meet the need for documentation of numerous projects. Hence, it is proposed to procure the essential items for Kolumam Range. Hence this may be allowed.	
2	Establishing Monitoring system for Tigers interior protection and Ecological status (M-Stripes) monitoring, Conducting sensitization camps & training to staff / NGO's etc., for population estimation of tiger, its co-predators & prey. @ 15000/- per no. (Kolumam and Vandanarav Range of Tiruppur Division)	16.2.27	8.4.4/173	3 Nos			0.20000					2 Nos	15000/No	0.00000	Every year, the tiger reserve conducts a population estimate of tigers and co-predators. Staff and NGOs involved in the exercise must be taught and kept up to speed on various scientific population estimation approaches. It is planned that camps and training sessions be held for this in the year 2023-2024. Hence proposed.	
3	Procurement of stationery and other equipments for creation of data bank	16.2.27	8.4.4/175	1S			0.10000					1S	1S	0.00000	All activities related to the wildlife census must be documented, which necessitates the use of stationery.	
4	Procurement of Mobile Phone (Android OS for M-ST/PIES) for Kolumam and Vandanarav Range of Tiruppur Division - 10 Nos @ Rs.20,000	16.2.27	8.4.4/175	10 Nos			2,00,000					10 Nos	20000/no	0.00000	It is suggested to purchase ten mobile phones for use in the Tiger Reserve's M-Stripes programme. This is in compliance with MCA's advising letter F.No.15-17/2018-NTCA (V-1) dated February 21, 2018. The mobile sets would be purchased locally at a cost of around Rs.20000/- each set, according to standard procedures and guidelines. It may be allowed.	
2. Addressing man animal conflict																
1	Purchase of Animal Rescue Kit with Accessories	16.1.22	9.8 / 294	2 set			3,81,200					2 set	195600/set	0.00000	Wild animals that stray outside of the forest may occasionally be found dead in water bodies, open pits, and wells, among other places.	
2	Purchase of snare rescue kit with Accessories			2 set			0,66,400					2 set	30680/set	0.00000	Some animals become ill and succumb outside in the woods. They must be rescued as soon as they are discovered.	
3	Purchase of Post-mortem Kit for Buffer Area			2 set			0,55,000					2 set	275000/set	0.00000	The salt licks will be placed in strategic locations across the forest. The salt licks will aid in the restoration of mineral shortages in herbivores such as deer and elephants.	
4	Providing salt licks to the wildlife Kolumam and Vandanarav Range			1S			0.50000					1S	1S	0.00000	To mitigate the man animal conflict procurement of rescue kit / tiger / leopard trap cages etc. are very much essential while handling the wildlife. Hence it is proposed.	
5	Procurement of traps to catch problematic animals (i) Procurement of tranquilizing medicines, animal rescue tools, maintenance of rescue vehicle with rescue equipments etc., (Kolumam Range)											1S	1S	0.00000		
3. Staff Development																
1	Cell phone bill payment for Field Director, Deputy Director, Range Officers											7 Nos	1S		0.00000	For effective protection, funds are essential to maintain a continuous communication network via cell phone.
2	Project allowance as per the guidelines of CSS-PT all employees of staff permitted by GOI, Tiruppur Division - 18 Nos.	16.15	9.7.3 / 292	1S			1,26,000					1S	1S	1,63,473	Committed Expenditure This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.	
3	Project Allowance is given in accordance with the National Tiger Conservation Authority's guidelines.											18 Nos	1S	1,70,400		
4	Project Allowance is given in accordance with the National Tiger Conservation Authority's guidelines.	16.16.1	9.7.3 / 291	11 Nos			1,18,000					1S	1S	0,96,680	Committed Expenditure This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.	
5	Project Allowance is given in accordance with the National Tiger Conservation Authority's guidelines.											16 Nos	860/Pm	1,65,120	As per National Tiger Conservation Authority letter No 1531/2012/NTCA dt. 06.06.2016, funds are necessary to provide ration allowance to personnel in two Ranges for the period April 2023 to March 2024.	
Total (Non-recurring - Buffer Zone)							8,87,600	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	5,39,673	
Non-Recurring - THEER THARANGI AREA OF THEER THIR																
1. Infrastructure																
1	Conducting sensitization camps & training to staff / NGO's etc., for population estimation of tiger, its co-predators & prey (Coimbatore Division @ Rs.10,000/- /Division)			3 Nos			0.30000					1S	1S	0.00000	Every year, the tiger reserve conducts a population estimate of tigers and co-predators. Staff and NGOs involved in the exercise must be trained on various scientific population estimation approaches.	
2	Deployment of Tiger Protection watchers (anti-poaching squad) - CBE Division											12 Nos x12 months	12500 per month / each	18,00,000	This squad is an essential part of anti-poaching operations with an element of surprise. They are deployed in vulnerable locations based on intelligence gathered received.	
3	Supply of field dress and shoes, torch lights and immediate measures - (CBE Division)											12 Nos	Rs. 10000 per each	0.00000	For effective mobilization and safety of anti-poaching squad, uniform sets and shoes are required to be supplied to the squad and to ensure their efficient working conditions.	
4	Conducting tiger monitoring Engaging a Biologist 1 No @ 24250 x 12 months - CBE Division											1 No x 12 months	Rs. 24250 per month / each	0.00000	Monitoring is the most important annual exercise of Protocol of Phase IV. Monitoring has to continue by deploying camera traps.	
5	Consumables etc., Cameras and Batteries, Accessories etc. - CBE Division											1S	1S	0.00000	collecting images from the core zone area, conducting psychosocial surveys, etc. are essential for the conservation of the tiger.	
6	Providing of GPS to field staffs - Coimbatore Division											50 Nos	Rs. 23000	0.00000	GPS are required for the field staff for ascertaining location. Item quantity is available in this division. Hence proposed is for 50 Nos. only.	
7	Providing ration allowance to staff @ 162 x 12 months @ 1000 / Month (CBE Division)											162 / Nos	1000 / No	0.00000	The provision to existing APN APW rativas tracking watchers would be a morale booster for them for efficient working in remote forest areas and taking up effective patrol work. Hence it is may be allowed.	
8	Maintenance of patrolling camp, equipments Providing camouflage dress and gears, Kit, Back sack, torch, Chargers, medical aid kit, Shoes, etc. existing Anti-poaching camp (Kodakalathal Division - 10 Nos, Doddigudi Division - 14 Nos and Panchathala Division - 10 Nos @ 24250 per month)											174 Nos	5000/No	0.00000	Staffs are regularly doing patrolling, interior camping and combing operations in remote forest area. To facilitate these activities and to ensure effective protection, the Anti-poaching watchers have to be equipped with necessary tools and kits. Hence this item is necessary.	
9	Supplying smart phones to each forest beat for implementation M-Stripes monitoring (Coimbatore Division)											50 Nos	20000	0.00000	It is very essential for forest line staff for data collection and monitoring.	


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 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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Project Tiger APO for the year 2023-24 - Anamalai Tiger Reserve, Coimbatore

S.No	Item of Work	Para No		Previous Year Details 2022-2023						Current Year APO 2023-24			Justification		
		CSS Pt Guidelines	FCP	Location / GPS Coordinates	Physical	Financial	Location / GPS Coordinates	Physical Target	Unit Cost (in Rs)	Amount (Financial Target - Rs in lakhs)					
				Target	Achieve	Target									
	Aligar Beal			10.48360 76.99310							10.48360 76.99310				
	Ulanadi Range			10.38288 76.87911							10.38288 76.87911				
	Topsip to Ulanadi Vally Road			10.41782 76.86367							10.41782 76.86367				
	Varagayal to Chinnar			10.41771 76.99207							10.41771 76.99207				
	Parai to Ealaikarai			10.41348 76.86911							10.41348 76.86911				
	Amboli Ram to Mairungamathu Parai			10.49911 76.85110							10.49911 76.85110				
	Karyam Sholai to Fandalarai			10.29291 76.99211							10.29291 76.99211				
	Valamul Range			10.29291 76.99211							10.29291 76.99211				
	Atiakatty to waterfalls			10.29291 76.99211							10.29291 76.99211				
	Thandakuran line to 22HPB			10.29291 76.99211							10.29291 76.99211				
	22HPB to waterfalls (pipe line)			10.29291 76.99211							10.29291 76.99211				
	Kadamparai arch to kadamparai power house			10.24454 77.21144							10.24454 77.21144				
	Manamboli Range			10.24840 76.96500							10.24840 76.96500				
	High forest estate boundary to 8 no kud			10.24840 76.96500							10.24840 76.96500				
	manthry mattam Anti Poaching Watchers Camp to 10 ad. Paim			10.24840 76.96500							10.24840 76.96500				
	Manamboli Range			10.24840 76.96500							10.24840 76.96500				
	Chinnar to Kadavai			10.227194 77.261322							10.227194 77.261322				
	Kadavai to Range border			10.227194 77.261322							10.227194 77.261322				
	Manjampatti to Manuluru			10.227194 77.261322							10.227194 77.261322				
	Thalinjivayal - RF Boundary line			10.227194 77.261322							10.227194 77.261322				
	Manjampatti RF			10.227194 77.261322							10.227194 77.261322				
	Udumalpet Range			10.31136 77.09578							10.31136 77.09578				
	Pothumalai to Chinnar			10.31136 77.09578							10.31136 77.09578				
	Pothumalai to Nallar			10.31136 77.09578							10.31136 77.09578				
	Kulipatti to Madavappu			10.31136 77.09578							10.31136 77.09578				
	Kadambur to Attamarai			10.31136 77.09578							10.31136 77.09578				
	Kulipatti to Kurumalai			10.31136 77.09578							10.31136 77.09578				
	Pornalman Solai to Pochukattamparai			10.31136 77.09578							10.31136 77.09578				
2	Engaging Fire Protection watchers during December 2023 to March 2024 Pollachi Division - 4000 Mandays @ Rs 622.45/ day / 25 Days per month Trappur Division - 2000 Mandays @ Rs. 612.45/ day / 25 Days per month Pollachi Range - 1000 Mandays Ulanadi Range - 1000 Mandays Valparai Range - 1000 Mandays Manamboli Range - 1000 Mandays Udumalpet Range - 1000 Mandays Anaravathy Range - 1000 Mandays			6000 MD		29.34000						6000 MD	4000 / MD @ Rs. 622.45/MD and 2000/MD @ Rs. 612.45	0.00000	Forest fire can cause enormous damage to forest wealth. Fire Protection Watchers are very critical unit to carry out fire protection activities. 6000 mandays will be generated through engaging fire protection watchers for a period of 6 months for detection and controlling of wild fires. This item is necessary to meet out the expenditure towards payment of wages to the fire protection watchers. The local tribal people and also terrain knowing locals who have a fairly good knowledge of the terrain would be employed for this purpose.
3	Additional Fuel, maintenance of vehicles used for anti-poaching activities, fire protection, Highway patrolling interstate meetings etc. Field Director - 3 nos and FPS - 1 no. DD, Pollachi Division - 15 Nos. (4 Ranges) DD, Trappur Division - 4 Nos. (2 Ranges) Fuel charges for 21 Vehicles - 50 lit/ltr @ Rs. 100/ltr Vehicle Maintenance charges for 21 Vehicle @ Rs. 20000/vehicle			21 Nos	15	16.80000	6.90000	0.24000				15	15	4.91028	Committed Expenditure This works has been carried out during 2022-23 for the amount of Rs. 4.91028 lakhs. This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.
4	Fire Watchers December 2023 to May 2024 Pollachi Division - 1200 Mandays @ Rs 622.45/ day / 25 Days per month Trappur Division 1000 Mandays @ Rs. 612.45/ day / 25 Days per month (Pollachi Range, Ulanadi Range, Valparai Range, Manamboli Range, Udumalpet Range and Anaravathy Range)			3000 MD		11.88000						2200 mandays	1200 / MD @ Rs. 622.45/MD and 1000/MD @ Rs. 612.45	13.59390	Forest fire can cause enormous damage to forest wealth. Fire Watchers are very critical unit to carry out fire protection activities. 2200 mandays will be generated through engaging fire watchers for a period of 6 months for detection and controlling of wild fires. This item is essential to meet out the expenditure towards payment of wages to the fire watchers. The local tribal people and also terrain knowing locals who have a fairly good knowledge of the terrain would be employed for this purpose.
5	Fire line clearing at Grest width (Pollachi division) 70 Km @ Rs. 42343/km Pollachi Division Pollachi Range Ulanadi Range			77.50 KM (77.50ppm) 70 Km (Pollachi)		15.12000						70 Km	42343/km	0.00000	Anamalai Tiger Reserve has a large dry deciduous bamboo tract which faces forest fire annually. Precautionary measures such as engaging fire watchers, cutting fire lines, fire line tracing work are very much needed which will help in preventing major fire in bamboo areas and also prevent spread to Sholas. Hence this is proposed.


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

HEMANT SINGH
 Assistant Inspector General of Forests
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

Project Tiger APO for the year 2023-24 - Anamalai Tiger Reserve, Coimbatore

S.No	Item of Work	Para No		Previous Year Details 2021-2023						Current Year APO 2023-24							
		CSS PT Guidelines	TC P	Location / GPS Coordinates	Physical		Financial				Location / GPS Coordinates	Physical Target	Unit Cost (in Rs)	Amount (Financial Target - Rs. In lakhs)	Justification		
					Target	Achieve.	Target				Achieve.						
	Manamboli Range			10 21 36.67 76 58 29.35													
	Valparai Range			10 21 29.66 76 52 37.57													
	10 25 19 77 03 18" 10 25 5" 77 32" 10 23 26" 77 2 28"																
IV	Improvement and Maintenance of roads / bridges / culverts etc.																
	Pollachi Division																
1	Improvement and Maintenance of Stanging Bridge, Steep Iron Bridge - I & II and old Steel Iron Arch Board at Chinnakkal Falls				1 No		2.00000				0.00000						
2	Improvement of approach road to Kopalai hut, Akkamalai Grasshills, Valparai, Pollachi Division											15	15	0.00000			Location that is an anti poaching camp located in the Akkamalai Grasshills which is part of Grasshills National Park, which is a UNESCO World Heritage site. The location is prone to forest fire, poaching, fire, stone smuggling and suspected illegal movements. The approach path is currently eroded completely and needs to be renovated immediately to ensure better protection by increasing the number of patrolling and inspections.
V	Maintainance wildlife concerns																
1	Wildlife concerns: Monitoring of wild animals. Maintenance of fence enclosure at menthimation for carnivore management for rewilding and self release along with collaring arrangements.				1 No	1 No	5.00000	5.00000			5.00000	1 No	100000	0.00000			One Tiger cub was rescued in Manamboli Range and it was maintained in Tiger Cage, as per the NIC's guideline a dedicated Tiger Enclosure construction is under process. For annual maintenance of enclosure this component is mandatory. And also if situation arises, the tiger might be collared to monitor the movements in the coming year, so a radio collar is also proposed along with the maintenance. Fence provision may kindly be accorded.
2	Engaging Tiger / Elephant / Nilgiri Tiger / LTM trackers - Pollachi, Valparai, Manamboli and Ulandy Ranges @ Rs.636/ (Poy) / Rs.542/ (Tp) per day (Pollachi division - 6 Nos Troup - 4 Nos)	16.10.3	8.8.15.2 - 215, 226		10 Nos.	10 Nos.	14.16000	5.19800	2.22000		7.41800	10 Nos	15	3.50484			Committed Expenditure Wages has been settled during 2022-23 for the amount of Rs. 3,50,484 lakhs. This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.
												10 Nos	6 Nos - Rs. 15900/pm and 4 Nos - Rs. 13550/pm	17.95200			It is necessary to engage the tribal vendors for tracking the Tiger / Elephant / Nilgiri Tiger / Lion Tailed Macaque movement to avoid man-animal conflict by driving them away from human habitation areas and road sides whenever they stray in to the area. These persons have been engaged for the past several years due to which the incidence of poaching and mitigation of human - animal conflict has been substantially reduced in the Tiger Reserve. Hence, provision is required for payment of wages to the persons engaged.
3	Engaging temporary tribal Mazdoors on daily wages for cavity for Department Elephants in Ulandy Range for April 2023 to March 2024 @ Rs.797/day for 25 days for 19 Nos	16.10.3	9.7.6 - 292		19 Nos.	15	41.20000	0.22900			0.22900	19 Nos	15	41.16380			Committed Expenditure Wages has been settled to cavity during 2022-23 for the amount of Rs. 41,163 lakhs. This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.
												19 Nos	19325/pm	45.42900			At present there are 26 Nos of Elephants in the camp. Most of the permanent Cavadies posts are vacant for a long time and temporary cavadies are being engaged for the camps. This work requires special skill unlike other works and only the skilled tribals will be engaged for this job. This item is therefore very essential.
4	Prophylactic measures for cattle in buffer and Tribal Settlement areas and also vaccination for canine distemper to the stray dogs and cats in settlement areas. (Pollachi-50Lakhs Tiruppur - 100 lakhs)	16.10.3	8.8.27 - 249		15		1.00000				0.00000	15	15	0.00000			Several villages abutting the Core area of the Tiger Reserve have large number of cattle which need to be vaccinated periodically in order to prevent the spread of disease to wildlife. Hence it is necessary.
5	Anti depredation Watchers for driving back the wild animals during troop raiding or strayed animals including rescue & rehabilitation of all animals Pollachi- 3600 MD Tiruppur - 1200 MD	16.10.3	8.1.7.3 - 125		4800 MD	3276 MD	28.06800	14.59000	4.48000		19.57000	1200 MD	15	7.00780			Committed Expenditure Wages has been settled to Anti-depredation watchers during 2022-23 for the amount of Rs. 7,00,780 lakhs. This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.
												4800 MD	3600 / MD @ Rs. 636/MD and 1200/MD @ Rs. 542	29.40000			During monsoon and migration time, the elephants commonly move to the patta fields abutting the core area and cause damage to public property and sometime cause loss of human life also. Mitigation strategy will be helpful in keeping wild animals inside RP and away from major outward incidences. Hence in order to mitigate this problem, this provision is required to meet out the expenditure.
VI	Habitat Improvement																
	Wood reclamation	16.3.1	1.2.1.3 - 31		50 Ha (Tiruppur) 50 Ha (Pollachi)		32.96000				0.00000						
	Opening up habitat by removal of fastener camera for improving regeneration of native species and grass growth (Pollachi division - 100 Ha (medium density) and Tiruppur division -100 ha																
	Pollachi Range																
	1. Pathamalai Beat																
	2. Avarayal Beat																
	3. Marakal Beat																
	4. Alivar Beat																
	5. Villavar Beat																
	Manamboli Range																
	6. Toppala Beat																
	7. Chinnar Beat																
	Ulandy Range																
	8. Iyer Patti Beat																
	9. Kavalal Beat																
	10. Attakattu Beat																
	Manamboli Range																
	11. Manamboli Beat																
	12. Puzha Kalai Beat																
	Ulandy Range																
	1. Ealibitu East beat (light)			10 26 31" 76 49 00"													
	2. Kombu West (light)			10 26 31" 76 49 00"													
	3. Vandal (medium)			10 37 01" 77 20 28"													
	4. Kizhambadi (medium)			10 44 78" 77 19 250													
	5. Kullipatti			10 42 5708 77 06 6743													
	6. Karattur			10 42 0783 77 09 0244													


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (वाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

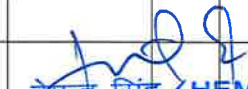
Project Tiger APO for the year 2023-24 - Anamalai Tiger Reserve, Coimbatore

S.No	Item of Work	Para No		Previous Year Details 2021-2023							Current Year APO 2023-24			Justification				
		CSS PI Guidelines	TCP	Latitude / GPS Coordinates	Physical	Financial	Location / GPS Coordinates	Physical Target	Unit Cost (in Rs)	Amount (Financial Target - In Lakhs)								
				Target	Achieve	Target												
7.	Thirumoothi mala			10.431644 77.028705														
9.	Vallakunda puram			10.469173 77.071111														
	Amarayathi Range																	
1.	Manjampatti North (Medium)			10.464459 77.146787														
2.	Manjampatti South (Heavy)			10.487618 77.110275														
3.	Thalajji West			10.27267 77.20322														
4.	Kombu East			10.440261 77.46096														
5.	Moongpalam			10.27878 77.26292														
6.	Amarayathi			10.37956 77.22136														
7.	Moongpalam			10.36953 77.13863														
8.	Amarayathi (Medium)			10.416643 77.273958														
9.	Thalajji West Beat (Heavy)																	
2.	Further maintenance of 2021-22 areas in light jungle growth 50 Ha @ Rs. 1662/- for Pollachi Division					50 Ha		8.43100				0.00000						
	Pollachi Range - 14 Ha																	
	1. Villonie Beat																	
	2. Navamalai Saranam																	
	3. Manjara beat Beat																	
	4. Kanda Range - 12 Ha																	
	1. Topple Beat - Paruthalath																	
	2. Karupoli Buntalath Varavathi III - II																	
	Valmiki Range - 12 Ha																	
	1. Nedankandam Rd - 2																	
	2. Upper Alwar																	
	Manamboli Range - 17 Ha																	
	1. Thekkamozhi																	
	2. Manamboli																	
	1. Udamalpet Range - 12.5 Ha																	
	1. Kombu West																	
	2. Eralthittu East																	
	Amarayathi Range - 12.8 Ha																	
	1. Manamoothi																	
	4. Thalajji																	
3.	Promoting Eco Development activities in Thalajji vaval tribal village of Tirunelveli Division					1 No.		2.00000				0.00000						
4.	Supply of water to the wild animals during pinch period 3 Units/Range @ Rs 6000 / per unit / for 4 months (1. Pollachi Range - 1 No. 2. Ulandi Range - 1 No 3. Valparai Range - 1 No. 4. Manamboli Range - 1 No)										20 Unit x 4 Months	6000	0.00000	Due to erratic South-West and North-East monsoon, acute dry condition is prevailing for a continuous spell compared to previous years. Already there is scarcity of water in the Tiger Reserve. Hence, it is decided to supply water and fill the ponds and water troughs for the benefit of the animals and to supplement water during the dry spell which prevents animal straying out of forests creating conflicts. Hence this item is proposed.				
VIII	Addressing Man Animal Conflict																	
1.	Providing of Meat, medicinal treatments and transport expenses of the Male Tiger Cub.				15	15		20.00000		30.00000			0.00000	A medical facility should be created near the enclosure of the rescued tiger and it requires regular feeding expenses for most till it captures live wild prey. Some medicines for deworming and other antibiotics are also to be supplemented with meat. The monitoring team should be provided with vehicle facilities for transporting the team members for the purchase of meat and medicines, for the visiting veterinarian and for their emergencies. The cage and the vehicle would be used for transporting the animal to smaller facilities and for minor health interventions of the tiger cub. Hence, this item may be sanctioned.				
2.	Conducting sensitization camps & training to staff/NGO's etc., for population estimation of tiger, its co predators & prey (Pollachi Division - 3 No. - Rs. 25000/-)	18.2.27	8.4.4 / 462								1 No.	25000	0.25000	Population estimation of Tiger and Co-predators is being carried out every year in the Tiger Reserve. The staff, NGOs, volunteers and other stakeholders participating in the exercise have to be trained and fully updated in various scientific methods of population estimation. It is proposed to conduct camps and Training sessions during 2023-24. Hence this provision is made.				
3.	Engaging Anti-poaching Watchers in Vulnerable areas. Salary for Existing in Pollachi Division - 30 Nos @ Rs.12500 / PM	16.1.2	8.8.18 / 235								30 Nos.	12500	0.00000	Anti-Poaching Camps have been established in sensitive areas as well in areas in interstate boundaries of the Tiger Reserve and tribal youths have been engaged as Anti-Poaching watchers to man these camps. The deployment of these squads is critical for protection of forests and wildlife. In Anamalai Tiger Reserve 107 Anti-poaching watchers were deployed in various Anti-poaching camps. Some anti-poaching watchers wages have been met from the State fund. The wages for remaining Anti-poaching watchers are proposed in the Project Tiger Scheme. This is very much essential for effective monitoring & patrolling and other protection measures. Hence this provision, this may be allowed.				
4.	Providing camouflage dress and gear, Kit, flask sack, torch, Chargers, medical aid kit, Shoes, etc., existing Anti-poaching camp and new APCs for 207 @ 6000/- unit (Pollachi Division - 59 and Tpr 48 Nos.)	16.2.1.2	8.8.18 / 235								107 Nos.	6000	0.00000	Annual Tiger Reserve has 107 APCs who are regularly doing patrolling, interior camping and combing operations in remote forest area. To facilitate these activities and to ensure effective protection, the Anti-poaching watchers have to be equipped with necessary tools and kits. Hence this item is necessary.				
5.	Establishing and maintenance of patrolling camps, deployment of camp labourers and cost of fuel etc., (1400 MSD @ Rs. 636/- + 8.904 lakhs) fuel (350 x 100 = Rs 0.35 and Rs 0.05 for Oil and Lubricants)		8.8.16.5 / 226								1400 MD	636	0.00000	To prevent poaching incidents in the Tiger Reserve, effective protection measures are taken up to protect the Tiger and its co-predators and other wild animals in the Tiger Reserve. Anti-poaching squads jointly permebrate with regular field staff in vulnerable areas to monitor the movement of anti-social elements and also to monitor the status and abundance of wild animals.				
Total Recurring (Core Zone)									363.92750	0.00000	55.54150	18.11150	0.00000	9.00000	0.00000	78.25550	198.15422	
Recurring (Buffer Zone)																		
1.	Anti-poaching Activities																	
	Legal support for defending court cases, Logistic support to prosecute offenders.				3			0.25000					0.00000		15	15	0.00000	There are Forest and Wildlife offence cases which are under trial in various courts including the Kodakkanal and Palani Judicial Magistrate Courts. For successful and smooth trial of these cases, we had logistic support are proposed for Buffer ranges of Trappu division in Anamalai Tiger Reserve, which is very essential.
2.	Improvement and Maintenance of Anti-poaching Camp shed in Vulnerable areas at Urumankadavu			10.20° 59' 04" 77.31° 16' 54"	1 No.	1 No.		2.00000		2.00000		10.20° 59' 04" 77.32° 17'	1 No.	2,00,000	0.00000		Last year 2 lakhs was sanctioned for the urumankadavu anti-poaching shed. The anti-poaching shed requires further maintenance for about Rs. 2 lakhs is essential.	


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (नाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

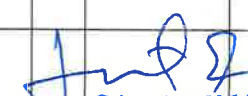
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S.No	Item of Work	Para No		Previous Year Details 2022-2023						Current Year APO 2023-24				Justification	
		CSS PT Guidelines	TC P	Location / GPS Coordinates	Physical	Financial			Location / GPS Coordinates	Physical Target	Unit Cost (in Rs)	Amount (Financial Target - Rs. In Lakhs)			
				Target	Achieve.	Target									
3	Improvement and Maintenance of Anti-poaching Camp sheds in Vulnerable areas at Thulukkampatty									10 20' 99.0"	77 31 16.9"	1 No	2,00,000	0.00000	Anti Poaching Camps have been established in vulnerable areas of the Tiger Reserve and tribal youths have been engaged as Anti Poaching watchers to man these camps. Since the Tiger Reserve has burden with Kerala Forest Division and Wildlife sanctuaries, there is always possibility of movement of poachers from one area to another. To fill the anti-poaching camps, the informed Forest staff take turn duty and stay in the camps leading the team. Efforts will continue to maintain the camp and also equip all camps with a permanent temporary shed weapons, communication devices, night vision binoculars, torch lights, GPS and required jungle gear etc and hence these proposal for improvement of the existing Anti Poaching Camps may be approved.
11	Maintenance of tranquillizing equipments and rescue vehicles, Anti-depredation Watchers for driving back the wild animals during crop raiding or strayed animals including rescue & rehabilitation of all animals @ Rs 483 - Per day - Monday.					4 Nos. / 12 Months		5,79,600						0.00000	
12	Creation of lines and Fire breaks. Annual maintenance of fire lines 30 kms @ Rs 14498 / km of 6 meter width for the year 2023-24. Kolumbam Range - Sambathurai to Vanniambarai; Naganamma Kovil to Sarangatti; Sambathurai to Varavandi; Kutharavoor to Puthuvali; Kutharavoor to Kombuthurai; Mamarathurai to Pulichamma oodai; Varapathal to Navasootthi; Vanniaravu Range - Bera to Panther; Vandaravu Range - 500 MD; Kolumbam Range - 500 MD.			30 kms			4,34,900		0.00000					0.00000	
2	Engaging Fire Protection watchers @ Rs 612 45 / days / 25 Days per month during December 2023 to March 2024 - 1000 Mandays			1000 MD			8,83,000		0.00000			1000 MD	Rs 612.45 / per MD	5.32450	Forest fire can cause enormous damage to forest wealth. Fire Watchers are very critical unit to carry out fire protection activities. 1000 mandays will be generated through engaging fire protection watchers for a period of 4 months for detection and controlling of wild fires. This item is necessary to start out the extraordinary work of fire lines. This item is necessary to start out the extraordinary work of fire lines and also to combat the fire by setting off fire from these fire lines, etc. These fire lines are cleared along the roads, trucking paths, cattle paths so that they will serve these mentioned purposes. Hence this item may be sanctioned.
3	Annual maintenance of fire lines 30 kms @ Rs.18373.50 / km. 6 meter width. 2023-24. Kolumbam Range - 15 kms - Sambharappi to Palaya Kanja kadu-5 km; Naganamma Kovil to Sarangatti - 5km; Vanniambarai to Varavandi; Kutharavoor to Kombuthurai; Pulichamma oodai to Sathavarai - 5km; Varapathal to Navasootthi; Kombuthurai to Satharathupatti - 30km; Vanniaravu Range - 15 kms - Bera to Puthuvali; Kadavur to Kadavur - 10 KM; Kadavur to Thamban Kovil - 5 KM; Poondiikulam to Bera			30 Km			4,34,000		0.00000			30 km	Rs.18373.50 per KM	0.00000	
4	Additional Fuel maintenance of vehicles used for anti-poaching activities, fire protection, highway patrolling interstate meetings etc., Vandaravu Range - 1 No. Kolumbam Range - 1 No			2 Nos. vehicles 50 ltr / Month for 12 months			1,20,000		0.00000			2 Nos. vehicles 50 ltr / Month for 12 months	Rs 100/ltr.	0.00000	The existing ceiling available to the department vehicles is inadequate to permeabulate the entire 15048.972 Ha of Buffer area with rich flora and fauna especially the inaccessible and vulnerable areas. Hence, additional fuel for department vehicles is necessary for conducting anti-poaching activities, fire protection, highway patrolling interstate joint patrolling and for other unforeseen work. Hence this item is necessary.
5	Providing camouflage dress and gears, Kit, Ruck sack, torch, Chargers, medical aid kit, Shoes, Back Bag etc., existing Anti-poaching camp and new Anti Poaching Camps for 8 @ 6000/unit			8 Nos			0,48,000		0.00000			8 Nos	6,000	0.00000	Fireproof Forest Division (Buffer Zone area) has 8 Anti Poaching Watchers who are regularly doing patrolling, interior camping and scouting operations in remote forest area. To facilitate these activities and to ensure effective protection, the Anti-poaching watchers have to be equipped with necessary tools and kits. Hence this item is necessary.
6	Construction of staff quarters, family hostels, office improvement, house levelling, buildings, museum.														
a	Improvement & Maintenance of Koolkal FG & FW Quarters			10 17 13 77 23 47	1 No		0.50000		0.00000			1 No	278000	0.00000	The Residential buildings noted in Column 2 are in a damaged condition due to leakage in roof, defects in the pipe line, electrical fittings and septic tank etc. These require urgent maintenance repairs to make the buildings fit for occupation by the staff. Hence, this provision is essentially required.
b	Improvement & Maintenance of Kutharavoor East Beat FG & FW Quarters			10 23 13 77 23 50	1 No		0.50000		0.00000			1 No	225000	0.00000	
c	Improvement & Maintenance of Kaivalpatty FG & FW Quarters			10 25 45 77 25 37	1 No		0.50000		0.00000			1 No	361000	0.00000	
d	Improvement & Maintenance of Foresters (Pappampatty Section) Quarters, at Kutharavoor			10 23 14 77 23 30	1 No		0.50000		0.00000			1 No	250000	0.00000	
e	Improvement and Maintenance of Forest Quarters at Mattampatti in Polur Beat			10 20 09 77 34 24	1 No		0.50000		0.00000			1 No	250000	0.00000	
				1200 MD	862 MD		6,19,200		4,44,900			300 MD	15	1,547,613	Committed Expenditure: Wages has been settled during 2022-23 for the amount of Rs. 1,547,613 lacs. This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this provision may kindly be allowed.
7	Wildlife concerns Monitoring of wild animals. Engaging Elephant Tiger tracking watcher @ Rs.542 MD											2400 MD	542/MD	13.08000	It is necessary to engage watchers for tracking the Tiger. Elephant movement to avoid man-animal conflict by driving them away from human habitation areas and road sides whenever they stray into the area. These persons have been engaged for the past several years due to which the incidence of poaching and mitigation of Human - Animal Conflict has been substantially reduced in the Tiger Reserve. Hence, provision is required for payment of wages to the persons engaged.


HEMANT SINGH
 सहायक वन महानिरीक्षक (वाच एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

Project Tiger APO for the year 2023-24 - Anamalai Tiger Reserve, Coimbatore

S.No	Item of Work	Para No		Previous Year Details 2022-23								Current Year APO 2023-24						
		CSS PI Guidelines	T.C.P	Location / GPS Coordinates	Physical		Financial				Location / GPS Coordinates	Physical Target	Unit Cost (in Rs)	Amount (Financial Target - Rs. in lakhs)	Justification			
					Target	Achieve.	Target	Achieve.	Target	Achieve.						Target	Achieve.	
8	Engaging Computer operator - 2 Nos (Vandharavu & Kolumam Range) as per district collector rate				2 Nos	2 Nos	4.19000				2.90000			2.90000	2 Nos	LS	1.03850	Committed Expenditure Wages has been settled to Computer operator during 2022-23 for the amount of Rs. 1.0385 lakhs. This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this amount may kindly be allowed.
9	Engaging Driver - 2 Nos (Vandharavu & Kolumam Range) as per district collector rate				2 Nos	2 Nos	3.45000				2.49000			2.49000	2 Nos	LS	0.87006	Committed Expenditure Wages has been settled to Driver during 2022-23 for the amount of Rs. 0.87 lakhs. This is sanctioned for the year 2022-23. But fund not released. As it is a committed expenditure, this amount may kindly be allowed.
10	Engaging Eco sanitary watchers 4 Nos. @ Rs.516/-/day for 25 days / month for 12 months. Kolumam Range - 2 Nos. Vandharavu Range - 2 Nos.				4 Nos		6.19200							0.00000				
11	Phase IV - Monitoring																	
1	Maintenance of Tiger Safari, interpretation and awareness centres under the exhibitment of co-ecotourism projects				1000 MD		4.83000							0.00000	1000 MD	612.45/MD	0.00000	Forest fire can cause enormous damage to forest wealth. Fire Watchers are very critical unit to carry out fire protection activities.
2	Prophylactic immunisation of cattle in the fringe villages at 2 Camps @ Rs. 0.25				LS		0.50000							0.00000	2 Nos	25000/No	0.00000	Several villages abutting the buffer area of the Tiger Reserve have large number of cattle which need to be vaccinated periodically in order to prevent the spread of diseases to wildlife. Hence it is proposed.
3	Conducting wildlife Week Celebration, world heritage day, etc. in (Buffer area of Area of Anamalai Tiger Reserve) @ Rs. 0.125 per No				2 Nos		0.20000							0.00000	2 Nos	12500/No	0.00000	Wildlife Week, World Environment Day, and other significant days are commemorated by putting on events in partnership with local NGOs, villagers, and educational institutions. The funds will be utilised to organize these awareness-building programmes.
4	Supply of water to the wild animals during pinch period 5 Units / Range @ Rs 6000 / per unit / for 4 months Kolumam Range - 1 No														5 Nos / 4 months	6,000	0.00000	Due to erratic South-West and North-East monsoon, acute dry condition is prevailing for a continuous spell compared to previous years. Already there is scarcity of water in the buffer area of Tiger Reserve. Hence, it has been decided to supply water and fill the ponds and water troughs for the benefit of the animals and to supplement water during the dry spell which prevents animal straying out of forests creating conflicts. Hence this item is proposed.
1	Eight Day Protocol for All India Tiger Estimation (Phase I Data Collection) 2 Km Transect Clearing and Marking Starting Point, 400M, 800M, 1200M, 1600M, 2000M Ending Points. Conducting training programme @ 20,000/-/Range				2 Nos.		0.40000							0.00000	2 Nos.	20000/No	0.00000	According to the NICAA's most recent protocol, Tiger Reserves required to conduct post- and pre-monsoon census on a regular basis. Hence provision may kindly be accorded.
2	Clearing transect lines 13 x 2 Kms (26 KM) @ Rs.1200/per Km				26 km		0.32000							0.00000	26 km	1200 / km	0.00000	
3	Paint marking the sampling points and transect line @ Rs. 150 / transect				13 Nos		0.02000							0.00000	13 No's	150 / no	0.00000	
4	Food provision for 8 Days protocol census-expresses for Volunteers				15		0.31200							0.00000	15	LS	0.00000	
5	Printing of Census Data Book form as a year @ Rs. 150/-				26 books		0.02000							0.00000	26 books	150/book	0.00000	
Total Reserve for Buffer Zone							0.00000							0.00000				
Reserve - TIGER BEARING MEASUREMENTS TIGER RESERVE							0.00000	11.81900	0.00000	0.00000	0.00000	0.00000	11.81900					
1	Eight Day Protocol for All India Tiger Estimation (Phase I Data Collection) 2 Km Transect Clearing and Marking Starting Point, 400M, 800M, 1200M, 1600M, 2000M Ending Points (Clearing transect lines including paint marking these sampling points, Procurement of memory card, Hard Disk, camera trap batteries, Card Reader, Compass, Range finder, Printing of Census Data Book and etc.,						5.00000							0.00000	15	LS	0.00000	For day-to-day monitoring of wild animals, all the equipments such as batteries, memory card, safety locker, range finder, compass etc are required and proposed.
2	Engaging fire watchers for 4 months (Dec-23 to March-2024) (Dindigul division - 1000 Mandays) Kannavadi Range - 400 MD Odianchaturam Range - 300 MD Batlagundi Range - 300 MD													5.00000	1000 MD	500 / MD		Thandakudi beat, Manhar beat and Kannavadi beat are High Fire Vulnerable beats of Dindigul Forest Division. Forest fire can cause enormous damage to forest wealth. Fire Watchers are very critical unit to carry out fire protection activities. 1000 mandays will be generated through engaging fire watchers for a period of 4 months for detection and controlling of wild fires. This item is necessary to meet out the expenditure towards payment of wages to the fire watchers. The terrain knowing locals who have a fairly good knowledge of the terrain would be employed for this purpose.
3	Engaging Elephant trackers in vulnerable areas in Odianchaturam, Batlagundi and Kannavadi range (dindigul division - 1500 mandays @ Rs. 500 - Rs. 7.50 lakhs and Kodaikalal division - 500 Mandays - Rs. 612.45 - Rs. 3.06225)													0.00000	2000 Mandays	2500 MD @ Rs. 500 / MD and 500 MD @ Rs. 612.45/MD		It is necessary to engage watchers for tracking the Elephant movement to avoid man-animal conflict by driving them away from human habitation areas and road sides whenever they stray in to the area. These persons have been engaged for the past several years who are to which the incidence of poaching and mitigation of Human - Animal Conflict has been substantially reduced in the Tiger Reserve. Hence, provision is required for payment of wages to the persons concerned.
1	Supply of water to the wild animals during pinch period of 4 months 3 units / Range @ Rs. 6000/Unit. Dindigul Division - 3Range Rs. 2.16 lakhs and Kodaikalal division - 3 Ranges - Rs. 2.16 lakhs and Coimbatore Division - 7 Ranges - 5.04 lakhs														3 Unit / 4 months / 13 Ranges	LS	0.00000	Due to erratic South-West and North-East monsoon, acute dry condition is prevailing for a continuous spell compared to previous years. Already there is scarcity of water in these areas. Hence, it is decided to supply water and fill the ponds and water troughs for the benefit of the animals and to supplement water during the dry spell which prevents animal straying out of forests creating conflicts. Hence this item is proposed.
1	Engaging wireless operators for managing wireless stations - 1 No. At Rs.15311/- Per month. Kodaikalal Division - Rs 612.45/day X 25 Days (Kodaikalal Division)														1 No	15311/pm	0.00000	There is an organized wireless network functioning in Kodaikalal Forest Division. To ensure efficient functioning of the wireless stations, it is proposed to employ wireless operators on daily wages basis. Hence this item is proposed.


हेमन्त सिंह / HEMANT SINGH
 सहायक एवं महाविरोधक (चर एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

Project Tiger APO for the year 2023-24 - Anamalai Tiger Reserve, Coimbatore

S.No	Item of Work	Para No		Previous Year Details 2022-2023							Current Year APO 2023-24			Justification																	
		CSS FT Guidelines	TCP	Location / GPS Coordinates	Physical		Financial					Location / GPS Coordinates	Physical Target		Unit Cost (in Rs)	Amount (Financial Target - Rs. In lakhs)															
					Target	Achieve.	Target											Achieve.													
2	Annual maintenance of fire lines of (3 meter width) 30 kms. @ Rs. 9186.75 / km (15 Mandays / km @ Rs. 612.45/perday) (Kodakanal Division) Fluh India to Gangannarai -6km Pinnacled to Kodakanal - 30 km Pachaluru to combathurai -8km				Target	Achieve.	Target											30 kms	Rs.9186.75/ km.	0.00000	Existing fire lines must be maintained annually to prevent and control the fire and also to combat the fire by cutting off fire from those fire lines, etc. These fire lines are cleared along the roads, trekking paths, wildlife paths so that they will serve these mentioned purposes. Hence this item may be sanctioned.										
3	Fire Watchers @ Rs.612.45 / Man-days for 4 month from December 2023 to March 2024 - 1000 Man-days - Kodakal Division Poombarai Range - 250 MD Manavaran Range - 250 MD Palani Range - 250 MD Bejjam Range - 250 MD																	1000 Man-days	612.45/MD	0.12450	Forest fire can cause enormous damage to forest wealth. Fire Watchers are very critical unit to carry out fire prevention activities. 1000 mandays will be generated through engaging fire watchers for a period of 4 months for detection and controlling of wild fires. This item is necessary to meet out the expenditure towards payment of wages to the fire watchers. The local tribal people and also former learning locals who have a fairly good knowledge of the terrain would be employed for this purpose.										
4	Engaging anti poaching watchers in vulnerable areas - Kodakanal Division																	# Not	12500/No	0.00000	Anti-poaching camps have been established in Tiger bearing outside areas for better management to driving problematic animals while entering into core lands.										
IV Human-wildlife conflict																															
1	Engaging Anti degradation watchers in address Human wildlife conflict areas (Dindigul Division - 4500 MD @ Rs. 500 - Rs. 22.50 lakhs and Kodakanal Division - 1000 MD @ Rs. 612.45/MD - 6.12450 lakhs and Coimbatore Division - 2000 MD @ Rs. 612.45/MD - Rs. 12.449 lakhs)																	5500 Mandays	4500/MD @ Rs. 500/MD, 1000 MD @ Rs. 612.45/MD and 2000 MD @ Rs. 612.45/MD	0.00000	The human wildlife conflict in Dindigul, Kodakanal and Coimbatore divisions are very high due to migrating elephants which cause degradation in village farmlands adjoining forest boundaries. Hence, local youth will be engaged to drive back the animals into the forest in AFS throughout the year in these Divisions. Hence this item may be sanctioned.										
V Addressing man-animal conflict																															
1	Driving back conflict animals into appropriate places @ Rs.612.45/- per day (Kodakanal division)																	500 Man-days	612.45/MD	3.06225	Wild animals stray out of forest area to nearby habitations in search of water, food etc.. They need to be driven back into the forest area to prevent Human Wildlife Conflict. For this the services of local people/tribes who are well versed with the track and can track animal movement will be utilized. Hence this is proposed.										
2	Immediate measures for Anti degradation activities in Coimbatore Division																	15	15	0.00000	Wild animals stray out of forest area to nearby habitations in search of water, food etc.. They need to be driven back into the forest area to prevent Human Wildlife Conflict. For this the services of local people/tribes who are well versed with the track and can track animal movement will be utilized. Hence this is proposed.										
Total Reversing (Tiger Bearing Areas Outside Tiger reserve)							5.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000				11.18675										
Total Reversing Core Zone + Buffer Zone + Tiger Bearing Areas							568.37700	0.00000	19.91100	35.15660	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000				243.04280							
Total Non Reversing + Reversing							654.00000																663.36584								


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

को-ऑर्डिनेटर, परियोजना
 वन विभाग, कोयंबटोर
 कोयंबटोर, महाराष्ट्र
 435 001

**CENTRALLY SPONSORED SCHEME-PROJECT TIGER - ANNUAL PLAN OF OPERATION FOR THE YEAR-2023-24
KALAKAD MUNDANTHURAI TIGER RESERVE**

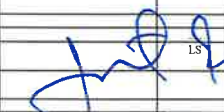
S.N	Items	Para No. CSS PT Guidelines	ICP No	Location	Previous year (2022-23)				Current year Proposal (2023-24)				Justification	Rs. Lakhs
					Physical		Financial		Location or GPS co-ordinates	Physical	Financial			
					Target	Achieve ment	Target	Achieve ment			Unit Rate	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
A Non recurring Core														
1 Core Area: Establishing and maintenance of existing patrolling camps/chooks and deployment of camp														
A1	Supply of rations to front line staff staying in remote locations	16.16.1	1.7		Ls	-	15.00	0	Kalayam, Ambasamudram, Mundanthurai, Papanasam, Kalakad, Upper Kodayar, Thirukurugudi	93 Nos	860 x 12 Months	10.000	Ration allowance is proposed as per STCA Ref. No. 12-7/2010 dated 31.07.2014 & Ref. No. 15-31/2012 dated 06.06.2014. This ration allowance is applicable to Forest, Forest Guards and below working on regular payrolls at field level in Tiger Reserves @ Rs. 860/- per month.	
		16.16.1	1.7						Kalayam, Ambasamudram, Mundanthurai, Papanasam, Kalakad, Upper Kodayar, Thirukurugudi			9.000	Committed liabilities 2022-23: Payment has to be made.	
A2	New LPG Connection for APW shed in Kalakad & Ambai Division	16.16.1	1.4		26nos.	-	0.250	0	Kalakad	4 Nos	0.125/No	1	New APW shed was constructed in core areas under state schemes during 2022-23. Hence new LPG connection required for the staff canteen in the shed.	
A3	Refilling charges for LPG connections provided to all APW Camps in Kalakad & Ambai	16.16.1	1.4		18 Nos.	Ls	3.600	1.000	Kalakad & Ambai	16 Nos	2000 - 12 months	3.840	LPG refilling will ensure continuous availability of gas which reduces the fuel wood collection for cooking in Anti-poaching camps present in Tiger reserve core area.	
A4	Engaging Eco-Maids/Daily wages for Thalayani and Nambikoil Eco Tourism sites in Kalakad Division	16.17.1	8.2		8 Nos.	8 Nos.	12.000	11.000	Kalakad	10Nos	12500 x 12 months	0.00	Thalayani and Nambikoil for two ETMC man power is highly necessary to maintain the site with hygiene and litter free. Hence extra man power engaged to maintain the eco tourism sites.	
A5	Construction of Forest Guard cum Forest Watcher Combined Quarters in Kalakad Division	16.2.1.3	2.5		1No	1No	15.00	14.295	Kalakad			1	Committed liabilities 2019-20: Payment has to be made.	
A6	Construction of Range office building in Thirukurugudi Range	16.2.1.3	2.5		1No	1No	15.00	14.470	Kalakad			1	Committed liabilities 2019-20: Payment has to be made.	
A7	Construction of Forest Range Officer quarters at Kalakad Range	16.2.1.3	2.5		1No	1No	15.00	11.775	Kalakad			3	Committed liabilities 2019-20: Payment has to be made.	
A8	Construction of check dams for arresting soil erosion and water storage during peak summer in water sources	16.2.1.3	2.5		1No	1No	3.00	2.250	Kalakad			1	Committed liabilities 2019-20: Payment has to be made.	
A9	Engaging Eco-Maids/Daily wages for Thalayani and Nambikoil Eco Tourism sites in Kalakad Division	16.17.1	8.2						Kalakad	8Nos	12500x 1 month	1.00	Committed liabilities 2022-23: Payment has to be made.	
A10	Procurement of field gear, night vision device, field dress, boots, etc. to APW's/Protection guard in Kalakad Division	16.1.15	1.2						Kalakad	45Nos	0.06	2.70	Committed liabilities 2022-23: Payment has to be made.	
A11	Maintenance of Nambikoil Wood House in Thirukurugudi Range of Kalakad Division	16.2.1	1.4						N 08 43 765 , E 077 52 277	1No	2.50	2.50	Committed liabilities 2022-23: Payment has to be made.	
A12	Conducting study habbits meetings and workshops	16.8.5	6.2											
A13	Providing Nature camps and Trekking Programme (Conducting awareness programmes, nature camps, etc. for eco-tourism & conservation awareness activities like wildlife week, global tiger day, etc in Kalakad Division)	16.10.5	8.2						Kalakad	2Nos	1.00	1.00	Committed liabilities 2022-23: Payment has to be made.	
									Kalakad	4Nos	1.00	1.00	Committed liabilities 2022-23: Payment has to be made.	
A14	Engaging temporary tractor driver on monthly wages for Special Patrolling & Protection drive for Kalakad Division	16.1.2	2.43						Kalakad	1No	0	0.15	Committed liabilities 2022-23: Payment has to be made.	
A15	Procurement of Tractor with tanker for providing drinking water and facilities to the wild animals by filling existing water trough during summer season	16.1.19	2	Mundanthurai					Ambai	1 Nos	15.00	0.00	Tractor is essential for transport of water to water relation structures, to reduce the water scarcity for wildlife during summer and also it will be useful during summer season to transport water to control the fire in the core area.	
Sub Total							18.60	17.000					32.04	
2 Core Area: Procurement of field gear, night vision device etc.,														
A16	Procurement of field gear, night vision device, field dress, boots, etc. to APW's/Protection guard in Kalakad Division	16.1.15	1.2		110 Nos.	-	6.60	0	Ambai & Kalakad	110	0.1/No	0.00		
A17	Procurement and supply of field gear, night vision device, boots, etc. to all front line staff in Kalakad Division	16.1.21	1.2		110 Nos.	-	6.60	0	Ambai & Kalakad	110	0.1/No	0.00		
A18	Supply of field kit - Providing bags, sprayer shells, rain coats, etc. to all front line staff and APW's of Core area in Kalakad Division	16.1.15	1.2		110 Nos.	-	5.50	0	Ambai & Kalakad	110	0.05/No	0.00		
A19	Supply of torch batteries - Procuring rechargeable torches for all front line staff in Kalakad Division/Supply of torch batteries - Procuring rechargeable torches for all front line staff	16.1.15	1.2		110 Nos.	-	3.30	0	Kalakad	30	0.05/No	0.00	Anti-poaching watchers and front line staff work in remote areas with adverse environmental conditions. Uniforms and other field gears are very much vital for field personnel. (2022-23 & 2023-24)	
A20	Procurement of GPS for all beats of Ambasamudram Division, KMTR	16.7.1	2.2	AB Ranges					Ambai	34 Nos	0.12/No	0.00		
A21	Purchase of Binoculars in Kalakad Division	16.1.15	1.2						Kalakad	2	0	0.30		
A22	Additional fuel to vehicles used for anti-poaching activities, fire protection, Highway patrolling etc.	16.1.8	2.43		15 nos	8 nos	5.4000	2.7253	KMTR	15 Nos	0.3/No	0.00	Fuel charges for patrolling vehicles is very much necessary to carry out regular patrolling duties as the forest road inside the sanctuary is around 100 km and the Buffer zone boundary is around 100 km.	
A23	Maintenance of vehicles of DD & FROs used for patrolling and anti-poaching activities etc. Additional maintenance of vehicles of DD & FROs used for patrolling and anti-poaching activities etc.	16.1.20	2.43		15 nos	9 nos	2.5460	1.5964	All Ranges	15 Nos	0.2/No	0.00	The vehicles running in hilly terrain require additional maintenance. Hence maintenance expenditure is essential.	
Sub Total							22.00	0.000					0.00	
3 Core Area: Creation of fire lines and fire breaks														
A24	Maintenance of Fire line of 3 m width for prevention of extending fire to adjacent areas in KMTR	16.2.15	2.42		200 Km	69 Km	30.3760	10.4859	Papanasam-50km Mundanthurai 50 km Kadayanam km (Annexure I)	Ambai 40 km 30	Ambai-50 Kms Kalakad -40 km	0.11	9.90	It is essential to maintain fire lines as the precautionary method to prevent spread of fire in large dry deciduous tracts in Core areas of KMTR.
A25	Clearing of Tiger Reserve's Sanctuary inter-state boundary at 6 m width in	16.2.15	2.42		135 Km			0	Kalakad	30 Kms	0.106/ per KM	3.18	KMTR shares 56 kms of Inter State boundary with the State of Kerala. Hence clearly demarcated boundary is highly essential.	
A26	Maintenance to Fire Watch Tower in Mundanthurai Range	16.2.15	2.44	Pathumalai Ekar					N 8-65502 E 77-33476	1 No	5/No	0.00	The existing Fire Watch Tower needs maintenance as it is essential for monitoring the movement of people during fire season and Aadi Anuvashi festival as it is adjoining to the Saranathi Ayyanar Temple.	
4 Core Area: Maintenance of Anti Poaching Camps														
A 27	Improvement and up gradation of Anti Poaching Camps in Kadayanam Range of Ambasamudram Division	16.2.1	1		1				1) Korakkannal Koll AP shed 2) Thoniyar AP shed 3) Thazhamboo	2 Nos	5/No	0.00	Providing kitchen, rest room, solar fan, solar lighting and other basic camp facilities for Anti Poaching activities.	
A 28	Maintenance of existing anti-poaching camps in Ambasamudram Range	16.2.1	1		1				1) Elamichiyal 2) Core point AP shed 3) Kottilloor	3 Nos	3/No	0.00	Anti-poaching camps located in strategic locations of the Tiger Reserve where APW's used to stay have to be maintained for safe and secure stay.	
Sub Total													13.08	
5 Core Area: Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring.														

हेमन्त सिंह / HEMANT SINGH
सहायक वन महानिरीक्षक (बाघ एवं हाथी-परियोजना)
Assistant Inspector General of Forests (Project Tiger & Elephant)
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forests and Climate Change
भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

CENTRALLY SPONSORED SCHEME-PROJECT TIGER - ANNUAL PLAN OF OPERATION FOR THE YEAR-2023-24
KALAKAD MUNDANTHURAI TIGER RESERVE

Rs. Lakhs

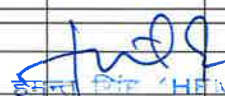
S/N	Items	Para No. CNS PT Guidelines	TCT No	Location	Previous year (2022-23)				Current year Proposal (2023-24)				Justification	
					Physical		Financial		Location or GPS co-ordinates	Physical	Financial			
					Target	Achieve ment	Target	Achieve ment			Unit Rate	Total		
A29	Establishing M-Stripes monitoring - Procurement of M-Stripes mobile and Power bank in Kalakad Division	16.2.27	2.16							Nil	10	0	2.50	In KMTR, M-Stripes is being implemented since the start of 2019. At present android handsets are being used. Since the Tiger Reserve has undulated/undulated topography, accessing remote camps and patrolling in the interior forests takes 2 to 3 days. Data download could be carried out once in a fortnight as a result the handsets are overloaded. Hence more number of handsets are required as back up to avoid data overloading and will facilitate in timely data download without any back log.
A30	Documentation works of Kalakad Division	16.2.4	2.6.2							Kalakad	LS	1.00	1.00	The works executed as per sanction will be documented in bound volume.
4 Core Area: Procurement of Computer and accessories for patrolling activities														
A31	Procurement of Colour printer for FD office	16.1.21	2.6.6		1.0	1.5	2.000	0.500		FD office	LS	LS	0.000	Colour printer is essential for the office activities and photo documentation.
A32	Purchase of computer and other accessories for Range office	16.1.23	2.6.6		-	-	-	-		Amhai Range & Pannasam Range	2 Nos	0.5/No	0.00	Computer is essential for the office activities of the concerned Ranges.
A33	Purchase of Printer, Scanner and other computer accessories in Range Office.	16.1.23	2.6.6		-	-	-	-		Amhai Range	1 Nos	0.25/No	0.00	Maintenance of Office records is essential for the day to day office activity of the concerned Range.
A34	Annual Maintenance of Computer and accessories in the DD office.	16.2.21	2.6.6		-	-	-	-		FD office and amhai	LS	LS	0.00	Proper functioning of Computers & other equipments in DD office is necessary to carry out digital documentation and for every day office activities.
A35	CCTV Camera for Forest Range Office in Ambasamudram range	16.2.21	1							N R 70344 E 77.45768	1	0.30	0.00	Mandatory for monitoring of public movement in and around Forest Range office campus.
A36	Maintenance of CCTV camera at Menimular Forest Checkpost in Ambasamudram range	16.2.21	1							N R 644818 E 7.423658	1	0.30	0.00	Mandatory for monitoring of public movement in and around Menimular Forest Checkpost for protection activity.
Sub Total														
6 Core Area: Procurement of Hardware														
A37	Procurement of Field kits (Knife, Tap, Arival etc) to the all anti-poaching Watchers Protection Mazdoors	16.1.15	2.2							Nil	20	0.03	1.50	Procurement of field kits (Arival, knife, measuring Tap etc) to be using the camp field by the Anti poaching watchmen in Kalakad division
Sub Total														
7 Core Area: Creation of crop protection structures (Solar Power Fence, Chain-Link Fence, Nylon rope)														
A38	Improvement and maintenance of Solar powered fence to control Wildlife within reserve and prevent crop rids/ damage for all ranges of Kalakad Division	16.4.3	4.2		5 Km		5.000	0		Sivapuram RI Line Starting Point : N 8 31'6.19", E 77.30'19.9" End Point : N 8 34'38.5, E 77.30'829" Koluthumalai Starting Point : N 8 61'28.41", E 77.55'75.71" End Point : N 8 61'90.88", E 77.52'44.79"	3Kms	2km	6.00	In Thirukurugudi and Kalakad Range of Kalakad division, the solar power fence is working properly. The solar power fence has to be maintained on monthly basis and also under growth has to be removed from the fence. The annual maintenance and monitoring is very much essential.
Sub Total														
8 Core Area: Procurement of traps to catch problematic animals.														
A39	Procurement of trapping cages, monkey traps, devices to control and drive back the strayed animals, driving back the crop raiding elephants, rescue of wild animals, rehabilitation & Postmortem charges etc in Kalakad Division	16.4.1.3	4.3		1No	2.00	1No	2.00		KMTR	LS	LS	2.00	Driving back the strayed animals, crop raiding elephants, rescue of wild animals, post mortem of wild animals are very common.
Sub Total														
9 Core Area: Habitat improvement measures.														
A40	Maintenance and Desilting of natural water holes/ Percolation Pond Check dams	16.2.16	3.1							Thalayanni Check Dam N 8.526646° 77.503204° Nalam chuluthan odai N 8.525798 1:77.499756	2 Nos	3/No	6.00	Due to heavy rain, fall during last year the Check dam was heavily damaged.
A41	Improvement and Desilting of Percolation pond Alandiyr haat in Pannasam Range - 3 Nos. Kadayam -1 No.	16.2.16	3		1) Alandiyr haat 2) Thiruppaniya puram 3) Manal poruluban 4) Kovakkannathar koil haat		KMIL			N 8.698733 E 77.38822 N 8.691438 E 77.37071 N 8.67901 E 77.400544 N 8.661325 E 077.32693	4 Nos.	3/No	12.00	The existing percolation ponds are damaged with leakage of side walls. Such rickda percolation ponds needs to be minimized for water retention during summer season.
A42	Maintenance of water Trough in Thirukurugudi Range of Kalakad Division	16.2.16	3							Thirukurugudi Range - Vellover haat I Santhi Trough I N 08.24.43", E 0770 33'25" 2 N 08024'40", E 0770 33'23"	2Nos	2.00	4.00	To avoid wild animals to enter in the agricultural field for water the establishment this structure is essential.
A43	Maintenance of water Trough with solar motor in Kalakad and Thirukurugudi Range of Kalakad Division	16.2.16	3							Thirukurugudi Range - Vellover haat I Solar Water Trough N 08024'36", E 0770 33'1" N 08024'37", E 0770 33'2	2Nos	2/No	4.00	To avoid wild animals to enter in the agricultural field for water and feed the maintenance of these structures are essential.
A44	Maintenance of Snacee type water trough in Kadayam range	16.2.16	3		Amhai haat - RI cam No. 195 & 214		KMIL			Kalakad haat - Muthalimpar 8.52910 E 77.484874 N 8.736808 E 77.357222 N 8.74920 E 77.35799N	1Nos	2/No	2.00	The existing Snacee type water troughs are damaged. The Water trough needs to be maintained for water retention during summer season.
Sub Total														
10 Core Area: Study tours for appraisal of good practices in other reserves.														
A45	Conducting study tour to the firelines, field and office staff for exposure to good practices in other Tiger Reserves.	16.8.5	6.2		1.0	1.5	1.000	0		KMTR	LS	LS	1.50	It is essential to expose staff to the best practices in other Tiger Reserves for encouragement and improvement in the overall working system.
A46	Conducting stake holders meetings and workshops	16.8.5	6.2		2 nos		1.000	0		KMTR	LS	LS	2.00	NGOs and local institutions working towards conservation will be engaged to make liaison with the public residing in and around the Tiger Reserve on various issues like conflict management, consultative meetings, workshops etc.
A47	International and National level days, awareness programme, World Tiger day, Awareness Mini Miniten, Wildlife week Awareness, World Environmental Day, World Forestry Day etc.		4		1.0	1.5	1.000	0.500		AMHAI & EDO	10	0.25	2.50	To make people aware about wildlife conservation, importance, lesser known species importance, school level sensitisation, competition, quiz etc.
Sub Total														
11 Core Area: Provision of Project Allowance to staff (all categories) of Project Tiger (providing project)														
A48	Project allowance to staff as per the guidelines of Government of India	16	7.1		LS	LS	18.500	0.00		KMTR	LS	LS	15.00	As per guidelines of NTCA project allowance is paid to all permanent staff as per the rates specified.
A49	Project allowance to staff as per the guidelines of Government of India									KMTR	LS	LS	14.00	Payment pending for the year 2022-23
Sub Total														
14 Core Area: Wildlife Conservation Awareness														
A50	Providing signages in the Tiger Reserve area of Kalakad Division	16					0.000			Thalayanni Area N 8.519653° E 77.509558° and Nambikoval Area N 8.437650° E 77.522770° Sungalathi N 8.534111 E 77.45028	10 Nos	0.5/No	5.00	There are very few signages boards in this Tiger Reserve. It is proposed to display signages boards in KMTR roads, near Rest Houses, Dormitories, etc., to create awareness among the tourists.


 Assistant Director of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

**CENTRALLY SPONSORED SCHEME-PROJECT TIGER - ANNUAL PLAN OF OPERATION FOR THE YEAR 2022-24
KALAKAD MUNDANTHURAI TIGER RESERVE**

Rs. Lakhs


S.N	Item	Para No. CSS PT Guidelines	TCP No	Location	Previous year (2022-23)				Current year Proposed (2023-24)				Justification
					Physical		Financial		Location or GPS co-ordinates	Physical	Financial		
					Target	Achievement	Target	Achievement			Unit Rate	Total	
Non-Recurring											196.19		
Tiger bearing Divisions - Non-Recurring													
Addressing Man-Animal Conflict													
E1	Conducting awareness camps in fringe villages	16.6.3	2					Tiruchudi	12 Nos	Rs.15000/Nos		1.80	Regular awareness camps must be conducted in forest fringe villages about Man-Animal Conflicts.
Capturing, Problematic and aberrant Wild animals													
E2	Purchase of cages for trapping problematic larger omnivores	16.4.1.3	4.3					Tiruchudi	1 No	-		2.00	Nella Wildlife sanctuaries is a linear sanctuary over a length of 125 Km in eastern sides covering the path leads. Larger omnivores like panthers are entering the habitations adjoining the forest areas. It has to be relocated into the forest. To trap the animals cages have to be purchased. One cage for essential.
E3	Driving back of wild animals to forests entering agriculture lands/field of monsoonal animals into forests.							Tiruchudi	1S	-		2.00	Eastern side of the sanctuaries is surrounded by paddy fields. During submonsoon season the elephants are causing nearby agricultural lands and damaging agricultural crops. Drive back into forests Crockers, and search lights are very essential.
Monitoring of Wild Animals													
E4	Purchase of Camera Traps							Tiruchudi	15 Nos	25000/Nos		3.750	The Camera traps along with memory card must be purchased and installed in the vulnerable areas to monitor the omnivores like panther and Tiger and other wild animals. It is also helpful during wildlife estimation.
E5	Annual Wildlife Population estimation							Tiruchudi & Kanniyakumari	1S	1S		2.000	For knowing the population of wild animal, the training and census is essential.
E6	Buses and motor car for Camera trap							Kanniyakumari	1S	1S		0.500	
E7	Periodical training to frontline staffs on Mstrip softwares and wildlife population estimation training.							Tiruchudi	4 Nos	25000/Nos		1.000	Mstrip software is very essential for data entry and analysis the wildlife.
E8	Improvement and maintenance of solar powered fence							Kanniyakumari	2 Km	2 KM		2	
E9	Procurement of trapping cages, monkey traps, devices in control and drive back the strayed animals, driving back the crop raiding elephants, rescue of wild animals, rehabilitation & Post-mortem charges etc				10 Nos.	5 Nos.	2000	0.913	All ranges in Kanniyakumari Divisions	3 Nos.	0.5/No	1.500	The current scenarios of human-wildlife negative interface is the highlight in all areas in the vicinity of protected area. Monkey menace and crop raiding is the major issue.
E10	Procurement of snake rescue kits for education							Kanniyakumari	10 Nos.	0.2 No		2	
E11	Engaging Anti depredation Watchers in strategic Human wildlife conflict locations in the buffer area							Kanniyakumari	10 Nos.	Rs.12500/ month		15.000	This work was sanctioned in the APO for the year 2022-2023. Work was commenced and completed during 2022-23
E12	Procurement of camera traps in Human-Wildlife conflict locations								10 Nos.	Rs.12500/ month		15.000	These anti depredation involve to be stationed for patrolling in the Human wildlife conflict areas and connected landscapes. They also engaged for keeping watch over hunting private areas.
E13	Awareness creation to local villagers on wildlife behaviour	16.17.3						Kanniyakumari	10 Nos	0.25/No		2.500	There are 25 Tiger grids in Kanniyakumari Wildlife Sanctuary which in buffer area to KATR. Camera traps are essential for conducting tiger estimation and monitoring Human - Wildlife conflicts.
E14	Capture and translocation of strayed wild animals back into the forest							Kanniyakumari W.T.S	2 Nos	0.5/No		2.000	This item is highly essential to create the awareness among local villagers and staff.
E15	Capture and translocation of strayed wild animals back into the forest							Kanniyakumari W.T.S	1 No	0.5/No		0.000	Provision is made in this APO which may please be sanctioned.
Tiger bearing total											53.050		
Non-Recurring Core + Buffer total											243.24		
RECURRING - CORE													
1 Core Area: Deployment of anti-poaching squads.													
C1	Remuneration wages for Anti-poaching watchers / Protection Mandoor Protection Watchers - Kalakad-75.00 lakhs,ambai-65 lakhs	16.11.1	1.1		100 Nos.		150.0	10.3585	KATR	100 Nos.	0.125/No	141.25	Anti-poaching watchers / Protection Mandoors are the back bones in Forest protection. These anti-poaching watchers / Protection Mandoors are engaged in core area of KATR at present. Without them daily patrolling and forest protection would have become very difficult. Wages enhanced to Rs. 12500 per month in G.O.FS.No.309/E &F (FR2-11) Dept. dated 04.09.2019.
Sub Total											141.25		
2 Core Area: Deployment of camp labourers for patrolling.													
C2	Maintenance of existing patrolling camps, deployment of camp labourers for patrolling including monsoon patrolling, etc.	16.1.3	1.1						6Nos	0.5/No		3.00	To during the monsoon session the camping off and other inconvenience faced by the patrolling staff for that this item of work essential.
C3	Maintenance of existing anti-poaching camp shed includes repairing works in Kalakad Division	16.1.4	1.1		1No	0	1.00	0	GPS Co-ords Shed N 8 36 29.5", E 77 29 47.6" Valluor Semiyar Patham GPS: 8.23010, 77.30492; Chinnamangudi Shed E 8.472547, N 77.487990 Muthukutavai N 8.29	5Nos	0.5/No	2.50	Anti-poaching camps located in strategic locations of the Tiger Reserve where APWs usual to stay have to be maintained every year for safe and secure stay since halting in open areas is not feasible due to Wild animal movement.
Sub Total											5.50		
3 Core Area: Legal support for defending court cases													
C4	Legal support for defending cases in the court	16.1.13	1.5		1S	1S	1.500	0.800	Ambai Kalakad	1S	1S	3.00	To meet out the expenses and to win the cases in various courts, this amount is essential
C5	Logistics to prosecute the offenders	16.1.18	1.5		1S	1S	2.000	1.000	Ambai Kalakad	1S	1S	1.50	For the logistic support to important court cases and wildlife crime investigation it is proposed.
C6	Hiring charges for vehicles used in investigation	16.1.18	1.5		1S	1S	1.00	1.00	Ambai Kalakad	1S	1S	0.50	During important court cases and wildlife crime investigation, private vehicles are being used for transportation of staff and the accused.
Sub Total											5.00		
4 Core Area: Maintenance of office equipment.													
C7	Cost of office stationeries and other essential items in FD/ED/DD offices	16.1.23	2.6.1		1S	1S	2.000	0.900	KATR	1S	1S	0.60	Stationery items are very much essential for office work with large number of files during in place.
C8	Cost of office stationeries and other essential items in Kalakad Division	16.1.23	2.6.1						Nil	1S	1S	0.60	2022-23 allotment works. Stationeries were purchased from Co-operative store. LOC is availed.
C9	Fuel for Generator in Deputy director office in Kalakad Division.	16.1.23	2.6.3		1S	1S	0.75	0.59	KATR	1S	1S	0.60	Fuel for generators is a very much essential commodity for uninterrupted office running since there are heavy load shedding scenarios during summer months. Also Deputy Director Kalakad office. Range office and staff quarters are located in interior.
C10	Maintenance of Generator Deputy director office in Kalakad Division	16.1.23	2.6.5		1S	1S	0.600	0.298	KATR	1S	1S	0.00	Machinery like generators installed in the Offices of the Field Director and Deputy Director, Kalakad divisions require periodical maintenance.
C11	Maintenance of existing search lights, torches and batteries	16.1.6.6	1.4		1S	1S	0.50	0.20	KATR	1S	0.50	0.00	Search lights, torches and rechargeable batteries are to be regularly maintained for their proper functioning and usage.
C12	Maintenance of existing anti-poaching camp shed includes repairing works in Kalakad Division	16.1.23	2.6.1		1No	1No	1.00	0.00		1No	1No	1.00	2022-23 allotment works. 100% of work completed. LOC is availed for payment to the contractor.
C13	Engaging computer operators	16.2.23	2.6.2		6 Nos.	6 Nos.	11.52	6.720		8	0.18 x12m	17.28	It is essential to engage computer operators on monthly wages basis in all ranges for data entry and for digital documentation of official administration. Since, there are no sanctioned posts, it is proposed to engage them on temporary basis.
C14	Engaging data entry operators	16.2.23	2.6.2		6 Nos.	6 Nos.	11.52	6.1888	FD Office and Kalakad	7	0.18 x12m	4.44	Committed liabilities 2022-23. Payment has to be made.
C15	Engaging data entry operators	16.2.23	2.6.2		6 Nos.	6 Nos.	11.52	6.1888	KATR	7	0.18 x12m	15.12	The information received in FD & DD's office needs a qualified data entry operator with additional qualifications on GIS or MIS for data analysis from the field and preparation of quality maps on offence, fire, satellite imagery processing and classification works & GIS mapping works.
C16	Engaging wireless technician on contract basis for Kalakad division for 12 months	16.1.8. 2.4.3	2.4.3		1No	1No	1.92	1.76	FD Office and Kalakad	1	0.18/No	3.20	Committed liabilities 2022-23. Payment has to be made.
C17	Engaging wireless technician on contract basis for Kalakad division for 12 months	16.1.8. 2.4.3	2.4.3		1No	1No	1.92	1.76	Nil	1	0.18/No	2.16	It is essential to engage 1 wireless technician, for monitoring wireless network all through for better protection.


HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

**CENTRALLY SPONSORED SCHEME-PROJECT TIGER - ANNUAL PLAN OF OPERATION FOR THE YEAR-2023-24
KALAKAD MUNDANTHURAJ TIGER RESERVE**

Rs. Lakhs


S.N	Items	Para No. CSS PT Guidelines	TCP No	Location	Previous year (2022-23)				Current year Proposal (2023-24)				Justification	
					Physical		Financial		Location of GPS co-ordinates	Physical	Financial			
					Target	Achieve ment	Target	Achieve ment			Unit Rate	Total		
C18	Engaging Wireless technician on contract basis for Kalakad division	16.1.8/2.4.3	2.4.3							KKD 2022-23	1No	0.18/No	0.18	Committed liabilities 2022-23: Engaged Wireless Technician upto March 2023. But wages paid upto Feb-2023. LOC involved.
C19	Engaging fire protection muzzdoor for 6 months (April to June and January to March) in Kalakad Division	16.2.15	3.1		35 Nos	11Nos	26.25	9.375		KKD 2022-23	13Nos	12500/ Month	1.875	Committed liabilities 2022-23: Engaged Fire Protection Muzzdoors for 6 months upto March 2023. But 5 months wages paid. Remaining 1 month wages to be paid. LOC involved.
C20	Procurement of batteries memory card for existing camera trap for Ambusamudram Division	16.10.3	2	Amhai Division	1.S	1.S	2.00	0.00		AMBAI	1.S	1.50	2.70	Pre monsoon and post monsoon camera are carried out in Amhai Division of KMTR for the months of January and October. There are 240 grids, for which camera traps are deployed every year for the Wildlife Population Census, which is a part of phase I and phase IV monitoring activities of the Tiger Reserve. (2022-23 & 2023-24)
C21	Annual wildlife population estimation in all Ranges. phase I	16.10.3	5		1.S	1.S	2.50	1.00		AMBAI	1.S	2.00	3.55	Wildlife population estimation (Tiger and co- predators, prey species) is the prime parameter for the effective management and/or phase I activity. (2022-23 & 2023-24)
Sub Total														52.13
7 Core Area: Maintenance of wireless tower:														
C22	Procurement of wireless equipments, spare parts & repairs, licence renewal fee for wireless frequency, maintenance of Walkie Talkie of Kalakad & Amhai	16.1.8	2.6.6		1.S	0	1.000	0.000		Amhai & Kalakad	1.S	4.00	4.00	Wireless equipment plays the vital role in forest protection through communication. Hence the spare parts of wireless equipments are very much essential.
C23	Broad band charges	16.2.23	2.6.6		10 Nos	1 No	1.200	0.039		KMTR	-	0.12 / year	0.60	In KMTR, the range offices does not have proper internet connectivity for better communication.
C24	Mobile phone allowance charges for field staff and monitoring officers	16.2.23	2.6.6		12 Nos	2 Nos	1.440	0.170		Amhai & Kalakad	-	0.12 / year	0.60	It is encouraging and motivating to provide an allowance for mobile charges of Rs. 1000 month to field staff and monitoring officers and this will lead to better communication and effective protection.
C25	Maintenance of office equipments in D D offices	16.1.23	2.6.6							Amhai & Kalakad	1.S	1.S	0.00	Equipments like photocopiers, fax machines, mobile handsets, computers, uninterrupted power supply units, batteries, solar lights, oil engines etc., have already been procured under various plan schemes in earlier years. Maintenance of this equipment is necessarily required to avoid additional expenditure for the procurement of new equipment.
C26	Provision for I-Satellite phone charges to DD office, DD offices Kalakad and Ambusamudram Divisions										1.S	1.S	1.00	It is essential for mobile communication for conducting camp in the sensitive areas of Reserved forest. Payment pending to BSNL for more than one year.
Sub Total														6.72
8 Core Area: Rewards to Informers:														
C27	Rewards to all category of Staff and Secret Service Expenditure for intelligence gathering in Kalakad Division	16.1.17	1.2		1.S	1.S	0.30	0.20		KMTR	1.S	1.50	1.50	Encouragement to staff by providing rewards helping in effective detection of offences and in intelligence gathering. Hence this provision may be approved.
Sub Total														1.50
9 Core Area: Maintenance of FDD/DD Office														
C28	Improvement of Deputy Director Office in Kalakad Division	16.2.1.3	2.1							8 71266 77.455882	1	3.00	0.00	The improvement of Deputy Director and wildlife warden office is essential in Kalakad Division.
C29	Improvement & repairs to DD Bungalow	16.2.1.3	2.1		1No	1No	5.00	3.75			1No	1.25 No	1.25	Committed liabilities 2019-20. Payment has to be made.
C30	Maintenance of fair weather road from Kalakad to Senarabbari				1.S	1.S	10.00	7.50			1No	2.5 No	2.50	Committed liabilities 2019-20. Payment has to be made.
C31	Maintenance and renovation of Eco Development Office - 1 Nos @ Rs.2.00 Lacs.	16.2.1.1	2.1.3							N 08 693791 E 77.737084	1	2.00	0.00	Additional facilities for conduct training to EDCs members, EDC chairmans and SIGC women members, renovation of FDO office is must.
C32	Maintenance and renovation of Eco Development Officer Quarters - 1 Nos@ Rs 5.00 Lacs	16.2.1.5	2.1.3							N 08 719880 E 77.745931	1	3.00	0.00	For Annual Maintenance of Electrical, Plumbing works, Toilet Facility, drinking water facilities, sanitation, drainage, renovation is must since the building are old. Hence it may be sanctioned.
C33	providing Compound wall for Deputy Director Wildlife Warden Office at Ambusamudram	16.2.1.3	2.1	Amhai Division	*	*	*	*		N 8.71552 E 77.45618	1.S	-	0.00	It is Proposed to construct compound wall around the DD office at Ambusamudram. Since office is located between two main roads bifurcating the office building, it is necessary for peaceful working and safety of the DD office staff. This amount may be sanctioned since it is a priority work for the division office.
C33	Maintenance of Deputy Director Wildlife Warden Office at Ambusamudram	16.2.1.3	2.1	Amhai Division	*	*	*	*		N 8.71552 E 77.45618	1.S	-	0.00	The DD office building of Amhai Division was constructed during 2009-10 and it needs periodical maintenance such as painting, colour washing, electrical, plumbing, sanitary works, toilet maintenance, etc.. Hence this work may be given priority.
Sub Total														3.75
6 Core Area: Anti degradation activities in Amhai Division														
C35	Procurement of animal repellent for anti degradation activities			Amhai Division	*	*	*	*			1.S	*	0.00	Animal repellent is used for anti degradation activities and to prevent crop damage by wild boar in agricultural fields. Hence this provision.
C36	Feeding and doctory charges for sniffer dog in Amhai Division	16.4.11	2	Papanasam Range	*	*	*	*			1.S	*	3.00	Sniffer dog, Nex is used for anti degradation activities and in detection of wildlife offences in KMTR Circle. Hence this provision.
Sub Total														3.00
10 Core Area: Maintenance of DD Office														
C37	Improvement of Range office, Thirukurugudi Range in Kalakad Division	16.2.1.3	2.1.2	GPS						N 8.411499° E 77.558073°	1No	2No	0.00	Providing Wouthering course: Replacing of Tiles work, Electrical and Plumbing work is essential.
C38	Improvement of Eco Range Office Thirukurugudi Range in Kalakad Division	16.2.1.3	2.1.3	N 08 41058 E 77.55078						N 8.411499° E 77.558073°	1No	2No	0.00	Providing Monkey Net, Repair Motor pump CCTV Camera and electrical work.
C39	Improvement of (Nandakavil) Checkpost of Thirukurugudi Range in Kalakad Division									N 8.437650° E 77.522770°	1No	2No	0.00	It is very essential to improvement of Deputy Director camp office.
C40	Improvement of Deputy Director camp office compound wall in Kalakad Division	16.2.1.3	2.1							N 8.514905° E 77.530532°	1No	3No	0.00	
C41	Maintenance and renovation of Assistant Wildlife Warden Offices of Eco Development Division -	16.2.1.3	2.1	2.1.3						AWLW Office-Ambusamudram Eco Range N 08.678829 E 77.549512; AWLW Office-Papanasam Eco Range-N 08 714983 E 77.374112	2	2.00	0.00	For Annual Maintenance of Electrical, Plumbing works, Toilet Facility, drinking water facilities, sanitation, drainage, renovation is must since the building are old. Hence it may be sanctioned.
C42	Maintenance of Forest Range Officer Quarters and Forest Officer Quarters - 04 Nos	16.2.1		2.1.1						D Forest Range Officer Quarters - Ambusamudram Eco Range, KMTR - 1 No @ Rs. 277.549517; Forest Officer Quarters - Ambusamudram Eco Range - 1 No @ Rs. 277.549517; Forest Officer Quarters - Thirukurugudi Eco Range, KMTR - 1 No @ Rs. 277.558185; Forest Officer Quarters - Thirukurugudi Eco Range - 1 No @ Rs. 277.558185	1	3.00	0.00	For Annual Maintenance of Electrical, Plumbing works, Toilet Facility, drinking water facilities, sanitation, drainage, renovation is must since the building are old. Hence it may be sanctioned.


Assistant Inspector General of Forests
पर्यावरण, वन एवं जलवायु परिवर्तन
Ministry of Environment, Forests and Climate Change
भारत सरकार, नई दिल्ली / Govt. of India

**CENTRALLY SPONSORED SCHEME-PROJECT TIGER - ANNUAL PLAN OF OPERATION FOR THE YEAR-2023-24
KALAKAD MUNDANTHURI TIGER RESERVE**

Rs. Lakhs

S.N	Items	Para No. CNS PT Guidelines	TCP No	Location	Previous year (2022-23)				Current year Proposed (2023-24)				Justification		
					Physical		Financial		Location or GPS co-ordinates	Physical	Financial				
					Target	Achieve ment	Target	Achieve ment			Unit Rate	Total			
11	Core Area: Maintenance of fire watch tower.														
C43	Engaging mauloes for fire fighting operations in all Ranges in Kalakad Division Engaging mauloes for fire fighting operations in all Ranges in Kalakad Division	16.2.15	3.1		720 Mds	720 Mds	3.60	3.60	Nil	1500 Mauloes	Rs. 500		7.50	It is essential to mobilize local people for extinguishing fire in evolutions large patch of forest to minimize fire burnt areas and to prevent the spread of fire before it reaches the containment window. ...	
C44	Engaging fire protection mauloes for 6 months (April to June and January to March)-5 Nos. range in Kalakad Division	16.2.15	3.1		15 Nos	15Nos	11.25	9.37 (Rs. 1.88 lakhs LOC avoided)	Nil	15	12500 /Month		11.25	The custom slope of KMFTR is very much fire prone and engaging fire watchers are very much necessary for early detection of forest fires and for constant monitoring of fire prone areas during fire seasons. ...	
Sub Total													18.75		
12	Core Area: Maintenance of Forest Guard Quarters														
Improvement & repairs to Forest Guard & Watcher combined quarters in Kalakad Division.															
C45	Maintenance of Combined Quarters at Undakarai beat in Kalakad Range	16.2.1.3	2.1.1						N 8 513332° E:77.529674°	1No	3/No		0.00	Periodical maintenance has to be done	
C46	Maintenance of Combined Quarters at Kalakad beat in Kalakad Range	16.2.1.3	2.1.1						N 8 513332° E:77.529674°	1No	3/No		0.00	Periodical maintenance has to be done	
C47	Maintenance of Tea Driver Quarters in Kalakad Range	16.2.1.3	2.1.1						N 8 513332° E:77.529674°	1No	3/No		0.00	Periodical maintenance has to be done	
C48	Maintenance of Tea Range Officer Quarters in Kalakad Range	16.2.1.3	2.1.1						N 8 513332° E:77.529674°	1No	3/No		0.00	Periodical maintenance has to be done	
C49	Maintenance of Office Assistant Quarters in Kalakad Range	16.2.1.3	2.1.1						N 8 513332° E:77.529674°	1No	3/No		0.00	Periodical maintenance has to be done	
C50	Maintenance of Deputy Director office vehicle Driver Quarters	16.2.1.3	2.1.1						N 8 513332° E:77.529674°	1No	3/No		0.00	Periodical maintenance has to be done	
C51	Maintenance of Tea Range Guard with Driving license quarters at Kalakad Range in Kalakad divisions	16.2.1.3	2.1.1						N 8 513332° E:77.529674°	1No	3/No		0.00	Periodical maintenance has to be done	
C52	Improvement & repairs to combined Forest Guard & Watcher quarters at Parumparamba beat at Thirukurugudi Range of Kalakad Division	16.2.1.3	2.1.1						N 8 411499° E: 77.558073°	1No	3/No		0.00	Periodical maintenance has to be done	
C53	Improvement & repairs in combined Forest Guard & Watcher quarters at Vidloor beat at Thirukurugudi Range in Kalakad Division	16.2.1.3	2.1.1						N 8 411499° E: 77.558073°	1No	3/No		0.00	Periodical maintenance has to be done	
C54	Improvement & repairs in combined Forest Guard & Watcher quarters at Thirukurugudi beat at Thirukurugudi Range in Kalakad Division	16.2.1.3	2.1.1						N 8 411499° E: 77.558073°	1No	3/No		0.00	Periodical maintenance has to be done	
C55	Improvement & repairs to combined Forest Guard & Watcher quarters at Nimbikool beat at Thirukurugudi Range in Kalakad Division	16.2.1.3	2.1.1						N 8 411499° E: 77.558073°	1No	3/No		0.00	Periodical maintenance has to be done	
C56	Maintenance of existing Forest Inspection Bungalow Thirukurugudi Range in Kalakad divisions	16.1.7.3	2.1.1						N 8 411499° E:77.529674°	1No	3/No		0.00	Periodical maintenance has to be done	
C57	Improvement & repairs to Deputy Director Bungalow in Kalakad divisions	16.2.1.3 + 2.1.2	2.1.1						N 8 515040° E: 77.530219°	1No	3/No		0.00	Periodical maintenance has to be done	
C58	Improvement & repairs to ID Bungalow	16.2.1.3	2.1.1						NR 43811 E077.444945	1s	3.00		0.00	Periodical maintenance has to be done	
C59	Maintenance & repairs to Forest Guard & Watcher combined quarters in Ambai Range.	16.2.1.3	2.1.1	Ambai Range					N 8 56823 E 77.41738	6 Nos.	3/No		0.00	Periodical maintenance has to be done	
C60	Maintenance of Kadayan Range office complex at Sivassalem	16.2.1.3	2.1.1	Kadayan Range					N 8 778692 E 77.34574	1 No.	4.5/No		0.00	Periodical maintenance has to be done	
C61	Maintenance of Forest quarters in Papanasani Range.	16.2.1.3	2.1.1	Papanasani Range					N 8 71509 E 77.3744	1 No.	1/No		0.00	Periodical maintenance has to be done	
C62	Maintenance of staff quarters in Mundanthuri Range.	16.2.1.3	2.1.1	Mundanthuri Range					Ambayara II	10 Nos.	0.30		0.00	Periodical maintenance has to be done	
Sub Total													0.00		
16	Core Area: Maintenance of road network.														
C63	Maintenance of Trunking path 3 m width in Kalakad Division	16.2.3	2.2.2		50 Km		4.000		Kalakad	30 kms	0.08 KM		0.00	Periodical maintenance has to be done	
C64	Maintenance of existing old coupe roads and patrol roads in core area of the Tiger Reserve in Kalakad Division	16.2.3	2.2.1		40 Km		3.000		Kalakad Range Starting Point : N 8 51 914° E: 77 50 802° End Point : N 8 50 130° E:77-50 851°	3 Kms	1 KM		0.00	Periodical maintenance has to be done	
C65	Maintenance of existing road from Kalakad to Sengalathri in Kalakad Division	16.2.3	2.2.2		30 Km		2.500		N 8 52	7Km	1s		0.00	Periodical maintenance has to be done	
Sub Total													0.00		
C66	Maintenance of Trekking path 3 m width	16.2.3	2.2.2	Papanasani & Mundanthuri Range	50 Km		4.000		Ambai	30 Km.	0.08KM		0.00	Periodical maintenance has to be done	
C67	Maintenance of existing old coupe roads and patrol roads in core area of the Tiger Reserve in Mundanthuri & Kadayan Range	16.2.3	2.2.1	Servar - Valayar - 18.11 km Kadama nathi - Thalandi - 3.2 km	40 Km		3.000		1) N 8 72948 E 77 228383 2) N 08 5883 E 077 306242	21.51 km	0.1/KM		0.00	In Ambai Division of KMFTR about 100 km of coupe road was laid during the British period for plantation activities. Since then the coupe roads were not maintained regularly. The proposed roads are of priority since it shares the interstate boundary with State of Kerala.	
Core Area: Monitoring of wild animals.															
C68	Engaging biologist and Ecologist	16.10.3	5.1		2 nos. x 12 m	2 nos. x 3m	9.600	2.400	Nil		2 Nos.	Rs. 0.42x 12 months		10.08	The prime objective of a Tiger Reserve is to monitor and maintain a viable Tiger source population with its co-producers and a healthy prey base. To carry out Wildlife population estimation and for monitoring the data collected in the field and to prepare final technical reports, 2 biologists have been engaged through the Tiger Conservation Foundation. Inadequacy in fund flow and less income at the Foundation leads to lack of fund for remuneration Hence it is proposed to pay them through the scheme
C69	Engaging biologist and Ecologist														
C70	Procurement of batteries, memory card for existing camera trap for Kalakad	16.10.3	21.6		1s		2.000	0.000	Ambai & kalakad	2 Nos.	LS	Rs. 0.40x 9 months		7.20	Committed liabilities 2022-23. Payment has to be made.
C71	Procurement of New Camera Traps	16.10.3	2160						Ambai & kalakad	25 Nos	0.25/Nos			6.25	The adverse climatic conditions of the Tiger Reserve has high impact on the battery life of cameras deployed in the field.
C72	Annual wildlife population estimation in all Ranges of Kalakad Division	16.10.3	5.1		LS	LS	2.500	1.000	Ambai & kalakad	LS	LS			3.000	Already NTCA given instructions to cover more areas under camera traps in Kalakad division. Hence purchase of new camera trap highly essential.
C73	Clearing of transect lines in Ambai Division	16.10.3	5.1		105 Km	105 Km	5.000	5.000	Ambai	58 Km	0.05/KM		0.00	Wildlife population estimation (Tiger and co-producers, prey species) is the prime parameter for effective management and protection in a Tiger Reserve.	
C74	Clearing of transect lines in Kalakad Division	16.10.3	5.1						Kalakad	60 km	0.05/KM		0.00	There are 29 transects in Ambai division of KMFTR. Each transect is of 2 km, which is approved by NTCA. Hence, during the pre monsoon and post monsoon census these transects have to be maintained. Hence this provision.	
C75	Provision charges for safe disposal of carcass of larger mammals	16.10.3	4.2						Ambai & kalakad	LS	2.000		0.00	Permanent transects are a mandate in wildlife population estimation especially in Tiger Reserves. In almost all the beats have existing transects which requires clearing especially in the areas with eucalyptus road breaks since the growth of the species are rapid and covers the transect.	
Sub Total													32.78		
C76	Research and monitoring Reassessment and digital documentation of endemic plants of Kalakad Mundanthuri Tiger Reserve	16.7.1	9.1						Nil	LS	0.50		0.00	Kalakad Mundanthuri Tiger Reserve is one of the important "Biodiversity Hotspot" known for endemism. The reassessment of flora especially endemic is very much essential to explore the current status.	
18	Core Area: Capacity building and training.														


HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

CENTRALLY SPONSORED SCHEME-PROJECT TIGER - ANNUAL PLAN OF OPERATION FOR THE YEAR-2023-24
KALAKAD MUNDANTHURAI TIGER RESERVE


Rs. Lakhs

S.N	Items	Para No. CSS/PT Guidelines	TCP No	Location	Previous year (2022-23)				Current year Proposal (2023-24)				Justification
					Physical		Financial		Location or GPS co-ordinates	Physical	Financial		
					Target	Achievement	Target	Achievement			Unit Rate	Total	
16	Maintenance of existing webportal (https://berfp.org/BCRI/JP/) and SIRAM mobile app of KATR Eco Development Division - digital Documentation of 263 EDCs Data Records				1.0	1.0	1.0	0.0	KATR	1	1.50	1.50	Digital documentation of 263 EDCs had been done this year (https://berfp.org/BCRI/JP/) Eco Development Division website and Siram mobile app to KATR Eco Development Division Volunteers files for yearly maintenance provision is essential.
17	Awareness Campaign through NGO to VFC/EDCs Villages - for conservation of the Biodiversity during the summumh lysmar Temple Aadi Amavasyai Festival								KATR	20	0.10	2.00	Awareness Campaign to Villages through NGO by Street Play-Drains awareness Dance and Issuing the pamphlets and awareness Handouts to preventing the usage of plastic Bags,SoapSampoos and polluting products, bringing own fuel wood LPG, Soft Parking vehicles inside the Forest Areas etc During the summumh lysmar Temple Aadi Amavasyai Festival. This yearly Awareness Campaign is essential.
Sub Total											14.15		
RECURRING - BUFFER Total											17.60		
RECURRING CORE + BUFFER											298.335		
TIGER BEARING DIVISIONS											0.000		
Tiger Bearing Divisions - Recurring													
Anti-Poaching operations													
F1	Engaging Anti-Depredation monitor Watchers			8 Nos.	8 Nos.	12.00	3.00		Tirunelveli	8 Nos	Rs 12500 per month Nos	9.0000	Committed liabilities 2022-23: Payment has to be made
									Tirunelveli	8 Nos	Rs 12500 per month Nos	12.0000	The western boundary of the Nellai Wildlife sanctuary is covered by Wildlife Sanctuary of Kerala state. The interstate boundary is over a length is about 110 Km. The Anti-Poaching watchers will work round the clock, and the forest protection will be very much improved. 5 Nos of watchers for each range will be engaged.
F2	Supply of field bar and shoes for field staffs and APW's								Tirunelveli	1.S		0.0000	It is essential for the supply of field bar and shoes
Habitat Improvement Measures													
F3	Engaging Fire Protection Watchers for 4 Months								Tirunelveli	8 Nos	12500/ month	4.0000	Fire watchers must be engaged during fire season for 4 months to watch and ward the area. It will prevent spreading of fire.
F4	Legal support for defending cases in the court	16.1.13	1.5		1.S	1.S	0.500	0.000	Kanniyakumari & Tirunelveli	1.S	1.S	0.0000	For the legal support in important court cases, wildlife crime investigation, in certain instances, Hence this provision
F5	Logistics to prosecute the offenders.	16.1.18	1.6						Kanniyakumari & Tirunelveli	1.S	1.S	0.0000	For the logistics support in important court cases, wildlife crime investigation, in certain instances.
F6	Annual Wildlife Population estimation				1.S	1.S	3.000	0.4925	Kanniyakumari & Tirunelveli	1.S	1.S	3.0000	Wildlife population estimation (Tiger and co-predators, prey species) is the prime parameter for the effective management.
F7	Specialized training in the field of M-STIPES, GPS and anti-poaching operations and jurisprudence and wildlife offences.	16.8.1	5.3						Kanniyakumari	1.S	1.S	0.5000	Periodical training on GPS, M-STIPES and anti-poaching operation is very much essential for current update.
F8	Conducting training to frontline staff on wildlife ecology, conflict management and other current issues in the field	16.8.1	5.3						Kanniyakumari	1.S	1.S	0.5000	It is essential to update the knowledge of field staff to the current scenario for management effectiveness on different subjects.
F9	Conducting sensitization and training camps to the staffs NGOs and volunteers in the field of wild animal population estimation	16.8.1	5.3						Kanniyakumari	1.S	1.S	0.5000	Sensitization program is very much essential to promote knowledge on wildlife population estimation and management.
Tiger bearing Total											39.5000		
RECURRING - CORE & BUFFER TOTAL											327.835		
Grand Total											571.080		


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi


ANNUAL PLAN OF OPERATION UNDER PROJECT TIGER SCHEME - MUDMALAI TIGER RESERVE UDHAGANBALAM FOR THE YEAR 2023-24

S. No.	Item of works	Para No.	TC P	Previous Year Details (2022-23)				Current year proposal (2023-24)					Justification
				Location / GPS co-ordinates	Physical	Financial		Location / GPS co-ordinates	Physical target	Unit cost in lakhs	(Rs.)	Amount (Financial Target)	
		CSS-PT Guide lines			Target	Ach.	Target	Ach.					
					6	7	8	9	10	11	12	13	14
I. NON-BEATING CORE													
ANTI-POACHING ACTIVITIES													
1	Construction of Anti-poaching camp buildings	16.1 (ii)	7.2.2.2	N 11 57476 E 76.49113 (Hospura)	1 No	---	20.00	0.00	---	---	---	---	---
2	Strengthening of Anti-poaching camp	16.1 (iii)	10.3.1	Gauro Hat camp N 11 60521 E 76.50734	1 No	---	7.00	0.00	1) Adulpukuty APC N11 58202 E 76.45539 2) Choonakothi APC N11 559086 E 76.517947 3) Kakkannallab APC N11 60423 E 76.60924	1 No 1 No 1 No	7.00 7.00 5.00	7.00 17.00	The existing camp shed is in damaged in condition. This item was approved in the previous APO but could not be done due to the non receipt of fund hence this year it is included. There are 18 Anti-poaching camps available in core area. Out of this 3 camps are to be strengthened with advanced facilities with cooking and sanitation apart from regular maintenance including minor repair works.
3	Purchase of First aid kit	16.1 (iii)	7.2.2.2	---	17 No	---	0.85	---	MTR -Core	19 No's	0.025	0.48	There are 18 anti-poaching camps in the core area. Anti-poaching watchers and Forest staff stay in 18 anti-poaching camps in 24x7 basis and monitoring the wildlife and forests there. So, this first aid kit is a must in every camp.
4	Deployment of Tiger Protection Force Squad	16.1 (ii)	7.2.2.2	---	1 squad @ 6 No per month for 12 months	---	9.00	---	MTR -Core	1 squad @ 6 No per month for 12 months	As per Govt. approved rate for Anti-Poaching watchers Rs 12500 per month	9.00	This wing operates around the clock on regular operation and special task force operations in collaboration with the Anti-Poaching Cell. The team not only conducts raids around the village and town areas but also ensures that rescued wildlife is rehabilitated as soon as possible.
5	Legal support for dependant court cases including legal fees and other miscellaneous charges	16.1 (viii)	7.2.2.2	MTR-CORE	LS	---	1.00	---	---	---	---	---	---
6	Procurement of field gear	16.1 (iv)	7.2.2.2	MTR-CORE	96 No	96 No	4.80	4.80000	MTR -Core	90 No's (75+15)	0.055	4.95	There are totally 75 Anti Poaching watchers and 15 Anti Depredation watchers engaged in the division for effective patrolling. For safety of these watchers the field gears such as uniform sets and shoes are required to be supplied for ensuring their efficient working conditions.
II. STRENGTHENING OF INFRASTRUCTURE WITHIN TIGER RESERVES													
1	Improvement & maintenance of existing extension office building for converting as Office Building for Field Director near Tiger Post, Govy	16.2 (i)	7.2.2.7	MTR-CORE	1 No	---	30.0	---	Udhagai	1 No	30.00	0.00	The Field Director of the Mudmalai Tiger Reserve does not have an office building of its own. The office is currently being operated in a very old building owned by the Cinchona Department. Also, in the rainy season there is a lot of leakage in this building. So, the Forest Extension building near Tiger Post, owned by Forest Department is proposed to be altered as Field Director's office. This item was approved in the APO previous year and could not be done due to the non receipt of fund.
2	Procurement of All Terrain vehicle for Deputy Director (Cider Post), Udhagai	16.2 (viii)	10.4	MTR-CORE	1 No	---	14.00	---	MTR -Core	1 No	15.00	15.00	One new vehicle to be bought to Deputy Director, Core division. This item was approved in the APO previous year and could not be purchased due to the non receipt of fund.
3	Procurement of utility vehicle fitted with equipments useful to extinguish the wild fires	16.2 (viii)	10.4	MTR-CORE	1 No	---	15.00	---	---	---	---	---	---
4	Construction of Frontline staff quarters	16.2 (i)	7.2.1.7	MTR-CORE	---	---	---	---	Forest Guard cum Forest watcher quarters at Balar beta beat - N.11.53422, E.76.52486	1 No	24.00	0.00	Additional 08 huts were erected in core division and beat staffs have also been filled up. Hence one designated quarter is proposed this year.
5	Procurement of GPS (Etrex- 30) and Accessories	16.2 (vi)	10.3.1	MTR-CORE	5 Nos	5 Nos	1.00	1.00000	MTR-CORE	5 Nos	0.25	1.25	For wildlife population estimation and M-Stripe patrolling, GPS are essentially required.
6	Procurement of Rainy finders	16.2 (vi)	8.4	MTR-CORE	10 Nos	---	2.00	---	---	---	---	---	---
7	Procurement of Compass	16.2 (vi)	8.4	MTR-CORE	10 Nos	---	0.80	---	---	---	---	---	---
8	Procurement of Binocular	16.2 (vi)	8.4	MTR-CORE	10 No	10 No	1.25	1.24900	MTR-CORE	10 Nos	0.10	1.00	Binoculars are required for the field staff for patrolling and conducting census operation.
9	Procurement of Camera traps	16.2 (v)	7.2.2.4	MTR-CORE	15 No	4 No	3.75	0.85000	MTR-CORE	18 Nos	0.25	4.50	This Tiger reserve (Core) currently has a 300 camera traps. However, during the All-India Tiger estimation, these cameras are also used in adjoining tiger bearing territorial divisions. Some cameras are broken by elephants and other animals during population estimation. So, it becomes necessary to buy camera traps.
10	Procurement of Android Mobiles for M-Stripe Patrolling	16.2 (vii)	7.2.2.2	MTR-CORE	10 Nos	10 Nos	1.50	1.50000	---	---	---	---	---
11	Procurement of Fox lights	16.4	8.4	MTR-CORE	10 Nos	---	2.00	---	---	---	---	---	---
12	Procurement of Xerox machines	16.7	8.4	MTR-CORE	2 Nos	---	2.50	---	MTR-CORE	2 Nos	1.25	2.50	The new online payroll system through Integrated Financial and Human Resource Management (IHRMS) implemented by TN treasury Department. Hence now it is proposed. This item was approved in the APO previous year and could not be purchased due to the non receipt of fund.
13	Procurement of laser colour printers	16.7	8.4	MTR-CORE	2 Nos	---	1.50	---	MTR-CORE	2 Nos	0.75	1.50	To document the scheme works, submitting the reports to higher officials and NTFCA office, it is needed. This item was approved in the APO previous year and could not be purchased due to the non receipt of fund.
14	Procurement of Computers	16.2 (v) & 16.7	7.2.1.7	MTR-CORE	4 Nos	---	4.00	---	MTR-CORE	2 No	1.50	3.00	The new online payroll system through Integrated Financial and Human Resource Management (IHRMS) implemented by TN treasury Department For this requiring the high configuration computer systems. Further it will support for tiger monitoring works. This item was approved in the APO previous year and could not be purchased due to the non receipt of fund.
III. ADDRESSING MAN-ANIMAL CONFLICT													


HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

ANNUAL PLAN OF OPERATION UNDER PROJECT TIGER SCHEME - MUDUMALAI TIGER RESERVE UDHAMANDALAM FOR THE YEAR 2023-24

S. No.	Item of works	Para No.	Previous Year Details (2022-23)				Current year proposal (2023-24)					Justification		
			CSS-PT Guide lines	TCP	Location / GPS co-ordinates	Physical		Financial		Location / GPS co-ordinates	Physical target		Unit cost (in lakhs)	Amount (Financial Target)
						Target	Ach.	Target	Ach.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	Payment of compensation for crop depreciation, injury or loss of human life due to wild animals	16.4.1 (i)	7.2.2.3	MTR-CORE	1 S	---	2.00	---	---	---	---	---		
2	Procurement of Trap cages to capture problematic animals	16.4.1. (iii)	7.2.2.3	MTR-CORE	1 No	---	3.00	---	MTR-CORE	1 No	3.00	3.00	In Mudumalai tiger reserve, tigers and leopards from time to time come out of the forest and enter to nearby villages. Sometimes it is an incident that these animals come out often. In such a time a situation develops in order to capture these animals. In that situation, cages are needed essentially to capture the dangerous or problematic animals. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.	
3	Purchase of Post Mortem Kits and expenses for Post-mortem activities	16.4.1. (iv)	7.2.1.6	MTR-CORE	1 S	---	2.00	---	MTR-CORE	1 S	1 S	2.00	Wildlife in the Mudumalai Tiger Reserve and the adjoining tiger-bearing areas of the Nilgiris and Gudalur forest divisions, mainly elephants and Indian Gurus, sometimes die naturally in the jungle or out of the forest areas. In such a situation the post mortem kits are required for the autopsy. It is very much needed. And funding is also needed to do the autopsy. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.	
IV RESEARCH AND REGULAR PHASE IV TIGER MONITORING														
1	Conducting Tiger Phase IV monitoring & Engaging Senior Biologist	16.7.1	9.2	MTR-CORE	1 S	1 S	10.00	8.29734	MTR-CORE	1 No x 12 months	Rs.35000 pm (as per GOI, MOEF, Office memorandum no 38/1/2017-RE Dated, 24.07.2019).	4.20		
2	Conducting Tiger Phase IV monitoring & Engaging Data entry operator	16.7.1	9.2	MTR-CORE	1 No x 12 months				MTR-CORE	1 No x 12 months	Rs. 21925 pm (As per District Collector's rate approved)	2.63		
3	Conducting Tiger Phase IV monitoring Engaging GIS Analyst 1 No @31000 x 12 months: 2.894	16.7.1	9.2	MTR-CORE	1 No x 12 months				MTR-CORE	1 No x 12 months	Rs. 31000 pm (as per GOI, MOEF, Office memorandum no 38/1/2017-RE Dated, 24.07.2019)	3.72	Monitoring is the most important annual exercise of Project of Phase IV. Monitoring has to continue by deploying camera traps, collecting images from the entire core area, conducting prey-base survey (both pre-monsoon and post-monsoon) and analyzing data.	
4	Conducting Tiger Phase IV monitoring & 8 dry protocol exercise during Pre-monsoon & Post monsoon periods.	16.7.1	9.2	MTR-CORE	1 S				MTR-CORE	1 S	1 S	2.00		
5	Purchase of software for effective monitoring and documentation	16.7.1	8.1	MTR-CORE	1 S				MTR-CORE	1 S	2.00	2.00		
6	Purchase of hardware for effective monitoring and documentation	16.7.1	8.1	MTR-CORE	1 S				MTR-CORE	1 S	2.00	2.00		
7	Research and development programmes and various aspects of conservation of reserve	16.7.1	8.1	MTR-CORE	1 S		2.00		MTR-CORE	1 S	2.00	2.00		
V STAFF WELFARE ACTIVITIES														
1	Provision of Torches, Medical kit, Uniform, min coat, hunter shoes etc. for regular staff	16.16	8.5	MTR-CORE	160 nos @ Rs.4000/-	160 nos @ Rs.4000/-	6.40	6.40000	MTR-CORE	50	0.05	2.50	This provision to the regular staff (As per sanctioned strength) would be a morale-booster for them for efficient working in remote forest area and taking-up effective patrol work. Items like Torches, Medical kit, etc., will be provided.	
2	Providing ration allowance to Field staff	16.16	8.5	MTR-CORE	Rs.860 per month for 140 Nos for 12 months	Rs.860 per month for 101 Nos for 11 months	14.450	9.68110		101 Nos for 1 month	Rs.860 per month per person	1.03	As per Govt. of India Ministry of Environment Forest and Climate change (NTCA) notification No.15-31/2012-NTCA, dt.06-06-2014 (NTCA Ref.No.12-7/2010, dt.31-07-2014) ration allowance is sanctioned to Forester, Forest Guards and below, working on regular patrols at field level in Tiger Reserves @ Rs.860/- per month. This item was approved in the APO previous year and achievement could not be made for the month of March 2023 due to the non receipt of fund.	
										156 Nos for 12 months	Rs.860 per month per person	16.10	This amount for this financial year, 2023-24. (staff details enclosed in the Annexure)	
VI PROVISION OF PROJECT ALLOWANCE TO STAFF (ALL CATEGORIES)														
1	Project allowance as per the guidelines of CSS-PT pay for all employees of staff permitted by GOI	16.15	8.5	MTR-CORE	Total sanction 221 On roll 167	157 Nos for 10 months.	15.900	10.28516	MTR-CORE	160 Nos nos x 2 months	1 S	2.198	Project allowance to the officers and staff (As per sanctioned strength) from 1.4.2007 at the approved rate by NICA. This item was approved in the APO previous year and achievement could not be made for the month of February and March 2023 due to the non receipt of fund and the amount is proposed as per the actuals.	
										234 nos x 12 months	1 S	19.22	This amount for this financial year, 2023-24. (staff details enclosed in the Annexure)	
TOTAL NON-RECURRING - CORE							176.800	44.953						
NON-RECURRING-BUFFER														
1 ANTI POACHING ACTIVITIES														
1	Construction of Anti-poaching camp buildings including Strengthening by digging new Elephant Proof Traps & by providing solar power fence	16.1 (iii)	7.2.2.1	N11-4678 E76-9726	1 No	---	20.00	---	N11-48091 E76-99174	1 No.	20	20.00	There are 19 anti-poaching camps in the Buffer area. No anti-poaching camps is available in the area of Kadushola. This place is located at a great distance from Madingudi (HeadQtrs). New camp must be built here to monitor the poaching activities. In addition, the kitchen, solar facilities, EPT around the camp and other additional facilities are required for the camps should be provided. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.	


HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

ANNUAL PLAN OF OPERATION UNDER PROJECT TIGER SCHEME - MUDUMALAI TIGER RESERVE UDHAGAMANBALAM FOR THE YEAR 2023-24													
S. No.	Item of works	Para No.	TCP	Previous Year Details (2022-23)				Current year proposal (2023-24)				Justification	
				Location / GPS co-ordinates	Physical		Financial	Location / GPS co-ordinates	Physical target	Unit cost in lakhs (Rs.)	Amount (Financial Target)		
				Target	Ach.	Target	Ach.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14
2	Providing new RCC structure to prevent entry of Elephants into AP Camps	16.1 (iii)	7.2.2.4	--	--	--	0.00	--	1) Adikombai - 40 Mtrs 2) Bison Camp - 70 Mtrs 3) Jagal Kadavu - 20 Mtrs 4) U Road camp - 20 mtrs	150 mtrs	Rs. 10500/- mtrs	15.70	Elephants often breach the Barriers and enter the Anti-Poaching Camps and cause damage to camp building and also the AP watchers. Hence this structure is proposed to prevent the entry of Elephants in to AP Camps.
3	Laying of new wheel track to anti-poaching camp roads.	16.2.ii	10.7	--	--	--	--	--	1)Thangumambada to Tulukampatti AP Camp. 2) Siriyur to Boobhipatti AP Camp.	1.50 kms	Rs.15.00 lakhs per km	0.00	The road leading to Anti-poaching camps are often rocky and inaccessible during the Rainy season. Hence it is proposed to lay Wheel track so that the camp can be accessed by vehicles year round.
4	Deployment of Tiger Protection Force Squad	16.1 (ii)	7.2.2.1	MASINAGUDI DIVISION	2 squad 12 Nos per month *12 months	2 squad 12 Nos per month *12 months	18.00	14.39768	MASINAGUDI DIVISION	2 squad 12 Nos.2 Months (Feb-March 2023)	Rs. 488.25/Day Rs. 12206.25 per month each	2.91	This wing operates around the clock on rescue operation and special task force operations in collaboration with the Anti-Poaching Cell. The team not only conducts raids around the village and town areas but also ensures that rescued wildlife is rehabilitated as soon as possible. This item was approved in the 2022-2023. But due to non-receipt of 2nd installment the pending wages for the month of February and March 2023 could not be paid.
									MASINAGUDI DIVISION	2 squad 12 Nos per month *12 months	Rs. 12500 per month each	18.00	This amount for this financial year, 2023-24.
5	Supply / Procurement of field gear for 111 Nos of various Watchers (75 APWS, 15 ADWS, 12 Tiger squad watchers & 6 Nos of Highway patrol Squad)	16.1 (iv)	7.2.2.1	MASINAGUDI DIVISION	96 Nos.	---	4.80	---	MASINAGUDI DIVISION	108 Nos	Rs. 5500 per person	5.94	There are 111 Nos of various watchers are engaged in this division as per sanction accorded by the project last year for effective patrolling. For safety of these watchers the field gears such as uniform sets and shoes are required to be supplied for ensuring their efficient working conditions. Hence proposed. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.
6	Providing kitchen shed for Kooturupatti AP camp in Masinagudi Range	---	---	---	---	---	---	---	1) Kooturupatti N11.59053 E076.62769	1 No.	3.50 Lakh	3.50	Kitchen shed is essential as this camp does not have a kitchen and the existing temporary bamboo made kitchen shed is often damaged by elephants.
7	Strengthening of anti-poaching camp by providing toilet facilities	16.2	7.2.2.1	---	---	---	---	---	1. Jagalbandava AP Camp N11.57394 - 76.70586 2. Thulukampatty AP Camp 3. Asuvaramattam 4. Anikkal	4 No.	Rs 2.25 each	9.00	The following AP Camps do not have proper toilet facilities. Hence 4 such camps are proposed for 2023-24.
8	Providing water facilities to U-road Anti-poaching camp	---	---	---	---	---	---	---	N11.58276 E076.68034	1 Nos	2.50 Lakh	2.50	This camp does not have the Drinking Water facility. Hence it is proposed.
II STRENGTHENING OF INFRASTRUCTURE WITHIN TIGER RESERVES													
1	Purchase of all terrain vehicle for providing water in water troughs to wild animals during summer period	16.2. (viii)	7.2.1.8	MASINAGUDI DIVISION	1 No.	---	14.00	---	MASINAGUDI DIVISION	1 No.	14.00	14.00	During summer season to provide drinking water to wild animals, this vehicle is needed. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.
2	Procurement of GPS (E-trex 10 model) and Accessories	16.2.(vi)	7.2.2.1	MASINAGUDI DIVISION	15 Nos.	15 Nos.	1.80	1.75000	MASINAGUDI DIVISION	20 Nos	Rs 0.13/- per No.	2.60	For wildlife population estimation and M-Stripe patrolling, GPS are essentially required.
3	Procurement of Camera traps	16.2 (v)	7.2.2.5	MASINAGUDI DIVISION	15 Nos	---	3.00/00	---	MASINAGUDI DIVISION	20 Nos	Rs.0.25/- per No.	5.00	This Tiger reserve (BUFFER) currently has a 270 camera traps. However, during the AP-India Tiger estimation, these cameras are also used in adjoining tiger bearing territorial divisions. Some cameras are broken by elephants and other animals during population estimation. So, it becomes necessary to buy camera traps. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund. This year additional 5 GPS are included.
4	Procurement of Computers	16.2 (v) & 16.7	7.2.1.8	MASINAGUDI DIVISION	1 No.	---	1.00	---	---	---	---	---	---
5	Procurement of laser colour printer	16.7	11	---	---	---	0.75	---	MASINAGUDI DIVISION	1 No.	Rs.0.75 lakhs per no	0.75	To document the scheme works, submitting the reports to higher officials and NICA office, it is needed. This item was approved in the APO previous year and could not be purchased due to the non receipt of fund.
6	Procurement of Android Mobiles for M-Stripe Patrolling	16.2 (vii)	7.2.2.1	MASINAGUDI DIVISION	5 Nos	---	0.75	---	MASINAGUDI DIVISION	10 Nos	Rs 0.20/- per No.	2.00	Currently downloading software related to M-Stripes patrolling requires upgraded Android cell phones. This is essential part of daily anti-poaching patrol and also will be helpful in Tiger estimates in nearby tiger bearing divisions. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.
7	Purchase of 'Enfield' Hindustan all terrain motor cycles for highway patrolling.	16.2. (viii)	7.2.2.1	MASINAGUDI DIVISION	3 Nos	---	1.30	---	---	---	---	---	---


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

ANNUAL PLAN OF OPERATION UNDER PROJECT TIGER SCHEME - MIDUMALAI TIGER RESERVE UDHAGAMANDALAM FOR THE YEAR 2023-24

S. No.	Item of works	Para No.	Previous Year Details (2022-23)						Current year proposal (2023-24)					Justification	
			CSS-PT Code lines	T.C.P	Location / GPS co-ordinates	Physical		Financial		Location / GPS co-ordinates	Physical target	Unit cost in lakhs	(Rs.)		Amount (Financial Target)
						Target	Ach	Target	Ach						
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
II	Construction of Watch Tower for monitoring wild fire and other illegal activities inside Tiger Reserve	16.2 (iv)	13.4	Vengalath N11.56551 E76.61214	1 No.	-	15.00	-	Vengalath N11.56551 E76.61214	1 No.	15.00	15.00	The Midumalai Tiger Reserve is bordering with the state of Karnataka and Kerala. Large numbers of wildfires enter the Midumalai Tiger Reserve every year, mainly during the summer months from Karnataka and Kerala. So, if this fire watch tower is constructed at this location it will be conducive to monitoring wildfires. Here no anti-poaching camps are there. So, it will serve both purposes. Hence this funding is requested. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.		
III	ADDRESSING MAN-ANIMAL CONFLICT														
1	Payment of compensation for crop depredation, injury or loss of human life due to wild animals	16.4.1 (i)	7.2.2.4	MASINAGUDI DIVISION	LS	-	3.00	-	-	-	-	-			
2	Purchase of Post Mortem Kits and expenses for Post-mortem activities	16.4.1. (iv)	7.2.2.4	MASINAGUDI DIVISION	LS	-	1.50	-	MASINAGUDI DIVISION	LS	LS	1.50	Wildlife in the Midumalai Tiger Reserve and the adjoining tiger-bearing areas of the Nilgiris forest division, mainly elephants and Indian Gaur, sometimes die naturally in the jungle or out of the forest areas. In such a situation the post mortem kits are required for the autopsies. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.		
3	Translocation of problematic wild animals including purchase of tranquilizing gun	16.4 (iv)	7.2.2.4	MASINAGUDI DIVISION	LS	-	2.00	-	MASINAGUDI DIVISION	LS	LS	5.00	Wildlife occasionally leaves the forest and infiltrates nearby villages and agricultural lands causing damages. Many times, such animals are sent back into the wild by our staff. But a few of them come out of the wild again and again and sometimes stay in the villages. Then more damage is done by that wildlife. People are also demanding to catch those wild animals. When a situation arises where the animal has to be caught, this tranquilization gun and medicines are absolutely needed at such a moment. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund. This year additional amount has been proposed.		
4	Procurement of rescue operation kits and accessories for treating wild animals	16.4.1. (iii)	7.2.2.4	MASINAGUDI DIVISION	LS	-	2.00	-	-	-	-	-			
IV	RESEARCH AND REGULAR PHASE IV TIGER MONITORING														
1	Conducting Tiger Phase IV Monitoring i. Data Entry Operator	16.7	7.2.2.5	MASINAGUDI DIVISION	LS	LS	6.00	4.9392	MASINAGUDI DIVISION	1 No.	Rs.21925 pm (As per District Collectorate rate approved)	2.63	Monitoring is the most important animal exercise of Protocol of Phase IV. Monitoring has to continue by deploying camera traps, collecting images from the entire core area, conducting prey-bait surveys (both pre-monsoon and post-monsoon) and analyzing data.		
	ii.8-day protocol exercise Pre-monsoon and Post monsoon periods									LS	LS	4.30			
2	Consumables i.e Camera trap batteries and accessories, etc	16.7	7.2.2.5	MASINAGUDI DIVISION	-	-	-	0	MASINAGUDI DIVISION	LS	LS	2.00	This item is essential for deployment of Camera traps.		
3	Conducting study / survey of Striped Hyena in MTR, Masinagudi division	16.7	11.1	MASINAGUDI DIVISION	LS	-	1.50	-	MASINAGUDI DIVISION	LS	LS	1.50	Hyena population is considerable number in Masinagudi division of Midumalai Tiger Reserve. Its population has declined or extinct elsewhere. But there is no research on how much of this population is there and what its current status is. So this research is very necessary. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.		
4	Conducting study / Survey of endemic fishes and Mahaseet in MTR Masinagudi Division	16.7	11.1	MASINAGUDI DIVISION	LS	-	1.50	-	MASINAGUDI DIVISION	LS	LS	1.50	The Midumalai Tiger Reserve is home to a variety of rare fish species found in the waters of the Moyar river and its tributaries. But there is not a good research on this fish species. So it is very necessary. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.		
5	Conducting Study on Rejuvenation of Kotharallah into Perennial river	16.7	11.1	MASINAGUDI DIVISION	LS	-	1.00	-	MASINAGUDI DIVISION	LS	LS	1.00	Kotharallah was once a perennial river which was not only acting as a source of water for the animals in the park but also had many species of riverine ecosystem that existed could not be found now. Hence this study is proposed to bring out an action plan to revive the river system. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.		
V	STAFF WELFARE ACTIVITIES														
1	Provision of Torches, Medical kit, Uniform, rain coat, hooter shoes etc. for regular field (Front line staff)	16.16	11.4	MASINAGUDI DIVISION	79 Nos.	-	3.16	-	MASINAGUDI DIVISION	111 Nos	Rs 5000 per each	5.55	This provision to the regular staff would be a morale-booster for them for efficient working in remote forest area and taking up effective patrol work. Items like Torches, Medical kit, etc. will be provided. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.		
2	Providing ration allowance to staff	16.16	11.4	MASINAGUDI DIVISION	79 Nos for 12 months	79 Nos for 12 months	8.25	4.16240	MASINAGUDI DIVISION	19 Nos for 3 months	Rs 850 per month per person	1.30	As per Govt. of India Ministry of Environment Forest and Climate change (NITCA) notification No.15- 11/2012-NITCA, dt.06-06-2014 (NITCA - Ref.No.12-7/2014, dt.31-07-2014) provision allowance is sanctioned to Forester, Forest Guards and below working on regular patrols at field level in Tiger Reserves @ Rs.850/- per month. This item was approved in the APO previous year and achievement could not be made for the month of March 2023 due to the non receipt of fund.		

(Handwritten Signature)


हेमन्त सिंह HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

ANNUAL PLAN OF OPERATION UNDER PROJECT TIGER SCHEME - MIDUMALAI TIGER RESERVE, UDHAGAMANDALAM FOR THE YEAR 2023-24														
S. No.	Item of works	Para No.	T.C.P	Previous Year Details (2022-23)				Current year proposal (2023-24)				Justification		
				Location / GPS co-ordinates	Physical	Financial	Location / GPS co-ordinates	Physical target	Unit cost in lakhs	Rs.	Amount (Financial Target)			
					Target	Act	Target	Act						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
									MASINAGUDI DIVISION	77 Nos for 12 months	Rs 860 per month per person	7.95	This amount for this financial year, 2023-24. (staff details enclosed in the Annexure)	
3	Conducting medical camp for staff (Permanent and temporary) of Mudumalai Tiger Reserve.	16.16	11.4	MASINAGUDI DIVISION	200 personnel	---	2.00	---	MASINAGUDI DIVISION	200 personnel	1.5	1.00	The field staff of tiger reserves serves in remote and difficult areas, often subjected to endemic diseases. Hence it is necessary to conduct medical camp for the staff. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.	
VI SAFEGUARDS AND RETOFTITING MEASURES IN THE INTEREST OF WILDLIFE/ CONSERVATION														
	Provision of speed breaks in the highways passing through the tiger reserve	16.11	7.2.1.8		60 mtrs @	---	1.20	---						
VII PROVISION OF PROJECT ALLOWANCE TO STAFF (ALL CATEGORIES)														
	Project allowance as per the guidelines of CSS-PT pay for all employees of staff permitted by GOI.	16.15	11.4	MASINAGUDI DIVISION	113 Personnel	---	9.55	5.42800	MASINAGUDI DIVISION	80 Personnel x 2 Months (Feb & March 2023)	1.5	1.15	As per Govt. of India Ministry of Environment Forest and Climate change (NICA) notification No.15- 31/2012-NICA, dt.06-06-2014 (NICA Ref.No.12-7/2010, dt.31-07-2014) ration allowance is sanctioned to Forester, Forest guards and below, working on regular patrols at field level in Tiger Reserves @ Rs.860/- per month This item was approved in the APO previous year and achievement could not be made for the month of March 2023 due to the non receipt of fund.	
									MASINAGUDI DIVISION	111 Personnel	1.5	9.41	This amount for this financial year, 2023-24. (staff details enclosed in the Annexure)	
TOTAL NON RECURRING - BUFFER							123.06	30.67						162.69
GRAND TOTAL NON RECURRING							299.96	74.74						294.46
RECURRING CORE														
I ANTI POACHING ACTIVITIES:														
1	Engaging Anti-Poaching Watchers	16.1	10.3.1	MTR-CORE	75 No x12 months	58No x 9 months	112.50	59.97490	MTR-CORE	58No x 3 months	Rs 12006 per month	22.17	The task of anti-poaching watchers is essential to protect the tigers and other related species. There are 18 Anti poaching camps in CORE area. Anti-poaching watchers will stay there and patrol forest areas. It is therefore necessary to wage these anti-poaching watchers to carry out protection works. This item was approved in the APO previous year and achievement could not be made from January to March 2023 due to the non receipt of fund.	
									MTR-CORE	75 Nos x 12 months	As per Govt. approved rate for Anti-Poaching watchers Rs 12500 per month	112.50	This amount for this financial year, 2023-24.	
2	Supply of Ration to Anti-Poaching camps	16.1	10.5						MTR-CORE	18 camps	Rs. 20000/- per camp	43.20	To provide the ration to AP camps, this item is needed.	
3	Engaging Eco watchers 1. Kargudi Range -3 Nos 2. Theppadi Range -2 Nos	16.1	10.3.1						MTR-CORE	5 Nos x 12 months	As per Govt. approved rate for Anti-Poaching watchers Rs 12500 per month	7.50	Since there is 15 Km of National Highway Roads are running through the Core area of Mudumalai Tiger Reserve. Visitors passing through National Highways are liberating many plastic wastes inside the reserve. Hence These Eco Sanitary watchers are required to clean and collect the plastic wastes.	
4	Equipping anti-poaching camps by providing Ruck socks, powerful torches, chargers, cuts, kitchen utilities etc.	16.2	10.5	MTR-CORE	17 camps		1.700		MTR-CORE	18 camps	0.15	2.70	Anti-poaching watchers and staff also stay in the camp for five to five days and carry out protection work. Therefore, these necessary equipments and supplies should be provided in these camps. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.	
II STRENGTHENING OF INFRASTRUCTURE WITHIN TIGER RESERVE														
1	Improvement and maintenance of staff Qrs.	16.2.1	7.2.1.7		8Nos		34.000		1) Forester quarters at Kargudi Socion N.11.572097 76.556549 2) Forester quarters at Mukkatty - N.11.56132 E.076.38433 3) Forest Guard and Forest watcher quarters at Imperialfish boat 4) FG and FW quarters at Nellikottai boat - N.11.56106 E.076.38460 5) Forester quarters at Doddakatty boat - N.11.580223 E.076.581504	5 Nos	1) 2.00 2) 3.00 3) 5.00 4) 3.00 5) 3.00	16.00	Presently these 5 staff quarters are to be repaired since damaged in condition. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund. However this year new works have been proposed on priority.	


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

ANNUAL PLAN OF OPERATION UNDER PROJECT TIGER SCHEME - MUDUMALAI TIGER RESERVE UDHAGAMANDALAM FOR THE YEAR 2023-24

S. No.	Item of works	Para No.	TCP	Previous Year Details (2022-23)				Current year proposal (2023-24)					Justification
				Location / GPS co-ordinates	Physical	Financial	Location / GPS co-ordinates	Physical target	Unit (cost in lakhs) (Rs.)	Amount (Financial Target)			
				Target	Act	Target	Act						
2	Improvement and maintenance of non-residential buildings	16.2.i	7.2.2.7	N 11.570413 E. 76.544777 N 11.56189 E. 76.38385 N 11.58917 E. 76.41374 N 11.580397 E. 76.582619 N 11.57967 E. 76.58100	3Nos	20.000		Phase IV monitoring centre - N11.580398 E076.582670	1 No	5.00	5.00	Improvement of Phase IV monitoring centre is essential. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund. However this year only one building is proposed out of 5 on priority.	
								Kakkanelah check post building - N11.619748 E076.590188	1 No	5.00	5.00	This check post is located in Kamotika border area and to be improved.	
3	Maintenance of fair-weather roads leading to anti-poaching camps.	16.2.ii	7.2.2.7	MTR-CORE	2km	30.000		MTR-CORE	1 S	---	---		
4	Maintenance of vehicles, Jeeps including lubricants.	16.2.iii	10.5	MTR-CORE	LS	2.00	0.00000	MTR-CORE	1 S	1.5	2.00	This component is needed for 2023-24 to keep vehicles in good shape and condition for efficient transport.	
5	Cost of office stationary in the office of field director, deputy director and range offices	16.2.iii	7.2.1.7	MTR-CORE	LS	3.00	0.71738	MTR-CORE	1 S	1.5	3.50	This amount is proposed during 2023-24 for stationary in offices of the Field Director (Rs. 1.50 lakhs) and Deputy Director and Forest Range Offices (Rs. 2.00 lakhs).	
6	Maintenance of office equipments like computers, Xerox machine, printer, UPS and other equipments.	16.2	7.2.1.7	MTR-CORE	LS	4.00	0.00000	MTR-CORE	1 S	1.5	3.50	The computer, Xerox machine, printer, UPS and various other electronic equipments in the office will only work so well if they are repaired every year. So these funds are needed to repair that occur on the above equipments. Field Director Rs. 1.50 lakhs and Deputy Director and Forest Range Offices Rs. 2.00 lakhs.	
7	Engaging computer operators.	16.2	7.2.1.7	MTR-CORE	9No.x12 months	7No.x10 months	19.210	12.31500	MTR-CORE	7Nos.x2 months	2 Nos @ Rs.20525/- each for head office and 5 Nos @ Rs.16420/- each for Range office	2.463	This item was approved in the APO previous year and achievement could not be made for the month of February and March 2023 due to the non receipt of fund.
									9 Nos.x12 months	Rs.21925 pm (As per District Collectorate rate approved) for Field Director & Deputy Director offices. Rs.16420/- each for Range office	20.38	Since the system of office work depends on Computers, Computer operators are required for entry of data on day in day activities including monitoring office correspondence, including pay bills and bill payment of Treasury mode, filing online APO, online monitoring of Forest guidelines and other online works etc., due to acute dearth of permanent office staff in the following offices during 2023-24. 1) CF & FD Office - 2 Nos. 2) DD Office - 2 Nos. 3) Mudumalai Range - 1 No. 4) Mukerthi Range - 1 No. 5) Kargudi Range - 1 No. 6) Thappakadu Range - 1 No. 7) Nellikottai Range - 1 No. 8) Training Centre - 1 No. Total 9 Nos.	
8	Annual maintenance of fire line in fire vulnerable locations and along roadsides for avoiding further spread of wild fire to a width of 6 meters.	16.2.iii	10.4	Kargudi Range (69.00km) N11.58251 E. 076.571919 N 11.57450 E076.54522 N 11.57686 E076.56903 Thoppakadu Range (46.00km) N 11.59673 E. 076.58661 N 11.60325 E076.59649 N 11.61078 E076.58245 N 11.61243 E076.56672 N 11.60950 E076.57574 Mudumalai Range (43.00km) Nellikottai Range (33.00km)	190.00 km	190.00 km	27.83		1)Kargudi Range (69.00km) N 11.53494, 76.52566, 11.60669, 76.50934, 11.54764, 76.55240, 11.53747, 76.55334, 11.55500, 76.51513, 11.57343, 76.54146, 11.57541, 76.52521, 11.57930, 76.53283, 11.56516, 76.54319, 11.55434, 76.55681, 11.57294, 76.53955, 11.55434, 76.55681, 11.54674, 76.52728, 11.53863, 76.53649, 11.53176, 76.53056, 11.56556, 76.50216, 11.53468, 76.52496, 11.57232, 76.55675, 11.58003, 76.58252, 11.57293, 76.55687, 11.60673, 076.58170, 11.56582, 076.50182 2)Thoppakadu Range (46.00km) N11.613206, E076.565600 N11.609164, E076.537836 N11.608363, E076.510882 N11.637923, E076.523919 N11.671374, E076.510906 N11.669963, E076.476564 N11.638132, E076.541935 N11.602639, E076.593320 N11.584019, E076.588311 N11.606021, E076.613455 3)Mudumalai Range (43.00km)	190.00 km	Rs.18853.50 per km as per FSR approved for 2023-24	35.822	The Mudumalai Tiger Reserve is home to a large number of exotic woods such as Lantana and Papilionaria. These woods dry up mainly during summer and are the main cause of large forest fires. This fire must be prevented. Otherwise the fire is likely to spread throughout the forest. Different types of roads pass through this division. Therefore, existing fire lines on both sides of the road can be maintained to a width of 6m to prevent the spread of wildfires from one place to another and to prevent further damage to wildlife habitat.


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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S. No.	Item of works	Para No.	TCP	Previous Year Details (2022-23)				Current year proposal (2023-24)				Justification	
				Location / GPS co-ordinates	Physical	Ach	Financial	Location / GPS co-ordinates	Physical target	Unit cost (Rs. In lacs)	Amount (Financial Target)		
				Target	Ach	Target	Ach						
9	Annual maintenance of fire line along the interstate border to a width of 15 meters	16.2.v)	10.4	Mudumalai Range (8.00km) N11.67743, E076.44223 N11.61663, E076.47086 N11.61199, E076.51548 N11.63890, E076.52286 N11.65314, E076.51334 N 11.606893, E76.509147 Thappakadu (30.00km) N 11.59747, E076.58484 N 11.68527, E076.51108 N 11.60805, E76.51090 Nalakkottai-12km N11.61684, E076.44078 N11.58006, E076.44265 N 11.63531, E076.43395	55 Kms	---	16.11	---	1)Mudumalai Range (8.00km) N11.67743, E076.44223 N11.61663, E076.47086 N11.61199, E076.51548 N11.63890, E076.52286 N11.65314, E076.51334 N 11.606893, E76.509147 2)Thappakadu (30.00km) N 11.608176, E076.616114 N 11.610457, E076.597850 N 11.613509, E76.583839 N11.642818, E076.560413 N11.704855, E076.512208 3)Nalakkottai (12km) N11.63510, E076.43441, N11.62962 E076.38361, N11.61153 E76.38361, N11.59245 E076.35808	50 Kms	Rs.40811.54 per km as per FSR approved for 2023-24	20.406	The Budjpur Tiger Reserve, the Nagarhole Tiger Reserve and the Wayanad Sanctuary are located in the northern part of the Mudumalai Tiger Reserve. Like in Mudumalai Tiger Reserve, the exotic woods such as Lantana and Eupatorium are also abundant in these protected areas. These woods dry up mainly during summers and are a major cause of forest fires. In previous years, wildfires usually erupted in these protected areas and then entered the Mudumalai Tiger Reserve. This fire must be prevented. Otherwise the fire is likely to spread throughout the forest of Mudumalai tiger reserve. The interstate border of this division is 50 km. Maintaining the existing firebreak lines up to 15 meters wide in this border area can prevent the spread of wildfires from Karnataka and Kerala into the Mudumalai and prevent damage to wildlife habitat.
10	Engaging fire watchers 40 numbers for 4 months.	16.2.vi)	10.4	MTR-CORE	40 Nos/4 months	0.00	19.53	0.00000	MTR-CORE	40 Nos x 4 months = 160 Nos	As per Govt. approved rate for Anti-Poaching watchers Rs 12500 per month	20.00	Maintaining fire prevention lines can prevent the spread of wildfires from one place to another. However, if the fire is noticed immediately after the breaks out, the fire can be prevented from spreading further into the forest. For this, we can get information as soon as a wildfire occurs by camping and hiring firefighters or fire watchers in key areas where wildfires occur. Based on this information, the fire can be prevented from spreading further into the forest immediately.
11	upkeep of the fire control room includes provisions of water, communication charges, energy food etc including wages	16.2.vii)	10.4	MTR-CORE	LS	LS	2.00	1.21672	MTR-CORE	LS	LS	2.00	The control room has been set up at the Mudumalai Tiger Reserve to prevent wildfires during the summer months. During the summer, our staff and Fire Watchers stay here 24 * 7 hours a day to report any wildfires occur to the range offices. Therefore this control room needs to be maintained every year.
12	Additional fuel for the vehicles during the fire season.	16.2.viii)	10.5	MTR-CORE	LS	---	2.00	---	MTR-CORE	LS	LS	2.00	According to current costing, only 70 litres of diesel is provided per month per vehicle. 70 litres of diesel is not enough when using these vehicles in the task of controlling wildfires mainly during summers. So extra fuel is definitely needed every year.
13	Maintenance of wireless equipments such as base sets, Walkie-Talkie batteries, antenna etc	16.2.viii)	7.2.2.2	MTR-CORE	LS	---	2.000	---	MTR-CORE	LS	LS	3.00	Wireless maintenance task is important every year in Tiger Reserve
14	Provision of LPG gas for Elephant camps	16.2.viii)	7.2.1.6	MTR-CORE	720 Cylinders	632 Cylinders	11.25	11.25000	MTR-CORE	70 Cylinders/month (12month)	0.018	15.12	There are 28 captive elephants in the elephant camp at the Mudumalai Tiger Reserve. Funding is provided for the food materials to these 28 elephants. But the gas cylinders needed to cook those foods. On an average 70 LPG cylinders (commercial) would be consumed per month.
15	Repair of Kunkki elephant transport Lorry/Truck	16.2.viii)	7.2.1.6	MTR-CORE	1 No.	---	5.00	0.00000	MTR-CORE	1 No.	6.50	6.50	The Mudumalai Tiger Reserve has 28 captive elephants. A truck/lorry was purchased to transport these Kunkki elephants to prevent human-elephant conflicts in other forest division areas and is currently in a state of disrepair. So, funds are needed to repair that truck. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.
III HABITAT IMPROVEMENT & WATER DEVELOPMENT													
1	Fresh removal of invasive species like Lantana camara, Eupatorium, etc (Heavy growth)	16.3	7.2.2.1						Ganchut to Mandamoola 10 Ha. N11.60822, E076.50649 N11.60413, E076.48139 Naeralla 10ha 11.681918, 76.513616 11.684391, 76.510026, 11.681422 76.512342 4) Pambatti Vayal-10Ha N11.596574, E076.396926	40 Ha	100 mandays x 628.45 = Rs 62845/- as per FSR approved for 2023-24	25.138	The Mudumalai Tiger Reserve is home to a wide variety of invasive alien species like Lantana (exotic woods). Thus, it is very difficult to get grasses for wildlife in those areas especially for herbivores. This is currently one of the reasons why wildlife often leaves the forest. Hence, action should be taken to remove these exotic woods from there. This will be very helpful in future to improve the wildlife habitats.
2	Fresh removal of invasive species like Lantana camara, Eupatorium etc (Medium growth)	16.3	7.2.2.1	Nalakkottai Range N 11.607614, E76.422797 Thappakadu Range N 11.623336 E 76.526609 Kargudi Range N 11.537702 E 76.547610 Mudumalai Range N 11.61620 E 76.45346	50Ha	---	16.84	0.00000					



हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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S. No.	Item of works	Para No.	TCP	Previous Year Details (2022-23)				Current year proposal (2023-24)				Justification		
				CSS-PT Guide lines	Location / GPS co-ordinates	Physical		Financial		Location / GPS co-ordinates	Physical target		Unit cost in lakhs (Rs)	Amount (Financial Target)
						Target	Ach	Target	Ach					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
3	Maintenance of Vayals for restoring grasslands and augmentation of water etc. by fresh removal of Exotic weeds (light growth)	16.3	7.2.2.1		3011a		5.13	0.00000	1. Theppakudi Range - Nellimarum - 5Ha Nellimarum 5 ha 11.678813 76.488951 11.680163 76.489326 11.679127 76.489499 2. Mudumalai Range - Modagal - 51Ha Modagal vyal N 11.621136 E 076.513895 N 11.62197 E 076.51418 3. Kargudi Range - Ombettu - 51Ha 11.578013 76.526634 11.577883 76.524244 4. Nalakottai Range - Vellarankottai - 5Ha N 11.610127. E 076.413742	20 11a	47.60 mandays x 628.45 = Rs 29914.22/- as per FSR approved for 2023-24	5.983	Minor vayals are found within the core area of Mudumalai Tiger Reserve. The water in these vayals is stagnant throughout the year. This water is the main source of drinking water for the wildlife during the summer. But at present the vayals and its surroundings are overgrown with alien weeds such as Lantana and Eupatorium. So by maintaining these vayals every year we can increase the water holding capacity in the vayals. Vayals are also very important to be maintained for the welfare of wildlife to provide fodder resources.	
4	Maintenance (3rd year) of habitat by continuous removal/working of exotic weeds including removing rampant and new recruits like Lantana etc.	16.3	7.2.1.6	Kargudi Range N 11.58251 E 076.571919 N 11.57450 E 076.54522 N 11.57686 E 076.54993 Theppakudi Range N 11.59673 E 076.58661 N 11.60325 E 076.59649 N 11.60878 E 076.58245 N 11.61243 E 076.56672 N 11.60950 E 076.57574	8011a		9.35	0.00000						
5	Improvement of water holes by minor repairs etc.	10.3	7.2.2.1	Ganchutai N.11.60864 E 76.51021 Ombettu N 11.57635 E 76.37017 Narathi N 11.61906 E 76.46237 C.3 N 11.55804 E 76.54984	4Nos		4.00	0.00000	1. Theppakudi Range - 2 No's 1) Bongaru vyal N 11.681739 E 76.513445 2) Marjinkadam kulam N 11.632807 E 76.559116 2. Kargudi Range - 4 No's Kallalath palam N 11.582660 E 76.571486 C-17 kulam N 11.601427 E 76.525186 C-11 Kulm N 11.58179 E 76.56646	6Nos	0.30	1.80	The proposed works during 2023-24 are the major check dams which cater the drinking water to wildlife throughout the year. Hence to increase the storage capacity and to maintain water supply during pinch period minor repairs is very essential in these locations.	
6	Restoration of natural water holes.	16.3	7.2.2.1	Ponnungiri road N.11.58861 E 76.57328 E N.11.59927 E 76.57133 E Mudumalai road N.11.58793 E 76.56364 E	3Nos	0.00	3.00	0.00000	1) Theppakudi Range - Circle Road N 11.664561 E 076.394889 2) Kargudi Range - Ponnungiri 11.598089 76.575422 3) Nelnokottai Range - Minnara camp N 11.60940 E 076.41386	3 Nos	1.00	3.00	These water holes provide water to wildlife especially during monsoon and post monsoon period. However, they get dry during summer season. It is proposed to restore these surface type water holes with providing trough to the existing alignment so that water can be filled in the trough for the use of wildlife during pinch period.	
IV ADDRESSING MAN-ANIMAL CONFLICT														
1	Procurement of Tranquilization equipment and medicines	16.4	7.2.2.2	MTR-CORE	LS		3.00	0.00000	MTR-CORE	LS	3.00	3.00	Tranquilizing equipments, including medicines is <i>non qua non</i> for management of departmental elephants and also intruding wild animals. Hence this component is essential.	
2	Engaging anti-depredation watchers to drive wild animals from Agri land.	16.4	7.2.2.4	MTR-CORE	15 Nos x 12months	14Nos* x 9months	22.5	14.47096	MTR-CORE	14Nos* x 3 months	Rs 12206/- per month (As per FSR approved for 2022-23)	4.76	The southern boundary of the Mudumalai Tiger Reserve core division is located along the villages of the Gudalur territorial Forest Division. From time-to-time elephants, tigers and leopards from the Mudumalai Tiger Reserve infiltrate in to these villages and cause damage to humans. These ADW watchers are very important to prevent this damage and drive the animal back to forest. This item was approved in the APO (previous year and achievement could not be made for the months Jan-Mar of 2023 due to the non receipt of fund.	
										15 Nos	As per Govt. approved rate for Anti-Poaching watchers Rs 12500 per month	22.50	This amount for this financial year, 2023-24.	

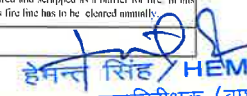

HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
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S. No.	Item of works	Para No.	TC ¹	Previous Year Details (2022-23)				Current year proposal (2023-24)				Justification	
				Location / GPS co-ordinates	Physical	Financial		Location / GPS co-ordinates	Physical target	Unit cost in lakhs (Rs)	Amount (Financial Target)		
		CSS-PT Guide lines		Target	Ach	Target	Ach						
				6	7	8	9	10	11	12	13	14	
1	Provisions for water supply to the water troughs/water holes during the pinch period.	9.3	7.2.2.1	---	---	---	---	MTR-CORE	125	0.016	2.00	The water becomes scarce for the wildlife during pinch period. Therefore to enter wildlife water is supplied by transporting and filling in water troughs or ponds created for the purpose through department tractor and this in turn ensure mitigation of Human Animal conflicts. Hence the proposal.	
V FOSTERING ECO-TOURISM IN TIGER RESERVE													
1	Maintenance of awareness boards, Publicity materials in tourism zone.	16.17	11.4	MTR-CORE	LS	---	---	MTR-CORE	LS	LS	2.00	The National Highway, State Highway and Village Roads run through the Mudumalai Tiger Reserve. Awareness boards have been set up at various places. This should be maintained every year. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.	
3	Study tour/ field exposure for field office staff etc to Tiger Reserves/areas	16.21	11.4	MTR-CORE	---	---	---	MTR-CORE	LS	LS	3.00	Needed to absorb new initiatives and practices in other tiger reserves for further development of the reserve by visiting different Tiger Reserves outside the State.	
4	Workshop for field staff on recent circulars/ guidelines	16.21	11.4	MTR-CORE	---	---	---	MTR-CORE	LS	LS	1.00	The amount required for giving training to the field staffs regarding recent circulars/ guidelines.	
5	Conducting health camps for field staff	16.21	11.4	MTR-CORE	---	---	---	MTR-CORE	LS	LS	0.25	It is essential to conduct this medical camps and give first treatment to field staffs.	
6	Creation of tourists waiting area in Theppakkadu	16.21	11.4	MTR-CORE	---	---	---	MTR-CORE	LS	LS	1.11	During the holidays tourist crowd will be heavy. To control the crowd, waiting area is essential. Hence the work is proposed.	
7	Maintenance of existing Interpretation Centre at Theppakkad	16.21	11.4	MTR-CORE	1 No.	---	---	---	---	---	---	---	
TOTAL RECURRING - CORE						392.95	99.94496			476.30			
RECURRING-BUFFER													
I ANTI-POACHING ACTIVITIES													
1	Establishment of highway patrolling squads to protect the wild animals from road accidents	16.1	7.2.2.1	MASINAGUDI DIVISION	2 squads for 12 months	2 squads for 11 months	9.60	7.07181	MASINAGUDI DIVISION	2 squads for 2 months @ 3 persons per squad (Feb & March 2023)	Rs.39546 per squad per month	1.582	These important roads namely Thorappalli to Kallhatti and two roads from this main road go to Singara and Movar villages. There are more habitations along these road sides. Vehicles from Karnataka and Kerala also use this main road to reach Ooty pass through these roads. This squad is required to monitor vehicles on these roads properly and thereby prevent any accidents to wildlife on these roads. This item was approved in the 2022-2023. But due to non-receipt of 2nd installment the pending wages could not be paid. Hence this amount is proposed.
									MASINAGUDI DIVISION	2 squads for 12 months @ 3 persons per squad	As per Govt. approved rate for Anti-Poaching watchers Rs. 12500 per month @ Rs.37500 per squad per month.	9.00	This amount for this financial year, 2023-24.
2	Engaging Anti-Poaching Watchers	16.1	7.2.2.1	MASINAGUDI DIVISION	65 Nos x 12 months	65 Nos x 11 months	97.50	75.68626	MASINAGUDI DIVISION	65 Nos x 1 month	Rs. 488.25/Day Rs. 12206 per month each.	7.94	The task of anti-poaching watchers is essential to protect the tigers and other related species. There are 21 Anti-poaching camps in Buffer area. Anti-poaching watchers will stay there and patrol forest areas. It is therefore necessary to wage these anti-poaching watchers to carry out protection works. This item was approved in the 2022-2023. But due to non-receipt of 2nd installment the pending wages could not be paid for March 2023. Hence this amount is proposed.
									MASINAGUDI DIVISION	75 Nos x 2 months	As per Govt. approved rate for Anti-Poaching watchers Rs. 12500 per month	112.50	This amount for this financial year, 2023-24.
3	Equipping anti-poaching camps by providing Ruck sacks, power drill benches, chargers, cots, kitchen utilities etc.	16.2	7.2.2.1	MASINAGUDI DIVISION	Rs. 10000 per camp	---	2.00	---	MASINAGUDI DIVISION	21	Rs. 12000 per camp	2.52	All the Anti-Poaching camps have to be equipped with Camp cots, chargers, etc. This will increase and intensify the patrolling and monitoring system. Hence proposed. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.
II STRENGTHENING OF INFRASTRUCTURE WITHIN TIGER RESERVES													
1	Annual maintenance of anti-poaching camp buildings including minor repairs	16.2	7.2.2.1	11.58276, 76.69034, 11.57205, 76.57566, 11.59053, 76.62769, 11.55797, 76.96105, 11.55981, 76.86276, 11.50786, 76.69858, 11.54154, 76.64454, 11.55627, 76.60814, 11.53924, 7.57469, 11.57301, 76.70586	10 No.	---	7.50	---	11.58276, 76.69034, 11.57205, 76.57566, 11.59053, 76.62769, 11.55797, 76.96105, 11.55981, 76.86276, 11.50786, 76.69858, 11.54154, 76.64454, 11.55627, 76.60814, 11.53924, 7.57469, 11.57301, 76.70586	10 No.	LS	10.00	To maintain the anti-poaching Camp buildings for its durability and clean environment annual maintenance such as white washing, colour washing and minor repairs are essential. 10 camps are proposed during 2023-24. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
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ANNUAL PLAN OF OPERATION UNDER PROJECT TIGER SCHEME - MUDUMALAI TIGER RESERVE, UDHAMAMANDALAM FOR THE YEAR 2023-24

S. No.	Item of works	Para No.	TCT	Previous Year Details (2022-23)				Current year proposal (2023-24)				Justification	
				Location / GPS co-ordinates		Physical	Financial	Location / GPS co-ordinates		Physical target	Unit cost in lakhs (Rs.)		Amount (Financial Target)
				Target	Ach.	Target	Ach.	Target	Ach.	Target	Ach.		
5	6	7	8	9	10	11	12	13	14				
2	Strengthening anti-poaching camp with toilet and kitchen shed etc.	16.2	7.2.2.1	1.N 11.57294 E:076.83466 2.N 11.57301 E:076.70586 3.11.61334, 76.74816	4 No.	--	9.00	--	--	--	--	--	
3	Strengthening anti-poaching camps by providing water pumping facilities.	16.2	7.2.2.1	1. Jngalikadavu AP Camp 11.57301 76.70586 2. Boothipatti AP Camp 11.54223 76.83295	2 Nos.	--	12.00	--	1. Jngalikadavu AP Camp 11.57301 76.70586 2. Boothipatti AP Camp 11.54223 76.83295	2 Nos.	1.5	3.00	The following AP Camps having bore well are not functional and hence reworking the bore well or digging new bore well and providing solar powered pumping system will ensure water facility in that camp which in turn will improve effective functioning of AP watchers in Protection. Hence 2 such camps are proposed for 2023-24. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.
4	Strengthening of watch tower for monitoring the wild fire and other illegal activities	16.2. iv	13.4	1.11.51332, 76.78055, 2.11.55123, 76.89902	2 No.	--	4.00	--	Medanadu 11.51023 76.936051	1 No.	Rs 2.00 each	2.00	The watch towers established for monitoring for fire and other illegal activities have to be maintained appropriately for continuous effective operation. The works such as painting of structures, including minor repairs, maintenance of EPT and other equipment, accessories etc. are to be done in the existing watch towers. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.
5	Maintenance of fair-weather roads leading to anti-poaching camps.	16.2. ii	10.7	11.561457, 76.875578	6 Km	--	15.00	--					
6	Replacement of existing chain gates with Barriercus	16.2. ii	10.7	Asuvaramattam Road 11.55573 76.74786 Thangani Road 11.537831 76.783551 Thengumarahada 11.45173 76.93623 Chithrampatti 11.55977 92934	4 No.	--	1.12	--	Asuvaramattam Road 11.55573 76.74786 Thangani Road 11.537831 76.783551 Thengumarahada 11.45173 76.93623 Chithrampatti 11.55977 92934 Viboothimalai	5 No.	Rs 35000 each	1.75	This amount is proposed for providing chain gates or barricade gates with locking facilities in prominent roads where Tourists or public may enter knowingly or unknowingly. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.
7	Maintenance of vehicles, Jeeps including lubricants	16.2. viii	7.2.1.8	MASINAGUDI DIVISION	1.S	1.S	3.00	0.78362	MASINAGUDI DIVISION	1.S	1.S	3.00	This provision for 2023-24 is given for better upkeep of the vehicles used for patrolling & protection works. The regular maintenance funds are not sufficient for the enormous usage of these vehicles which are always to be in good conditions for using in emergency.
8	Cost of office stationery in the office of deputy director and range offices.	16.2. ix	7.2.1.8	MASINAGUDI DIVISION	1.S	1.S	1.00	0.00281	MASINAGUDI DIVISION	1.S	1.S	1.00	Additional office stationeries are required in the DD Office and all Range Offices for preparation of returns, reports, plans, etc. to be sent to the NTC/A and other Higher Officials. Hence this provision for 2023-24.
9	Maintenance of office equipments like computers, Xerox machine, printer, UPS and other equipments.	16.2	7.2.1.8	MASINAGUDI DIVISION	1.S	--	2.00	--	MASINAGUDI DIVISION	1.S	1.S	1.00	The amount proposed for 2023-24 is required for purchase of the additional office equipments like Computer, Xerox Machine, Printer, UPS, providing Solar panels as alternate energy and other equipments etc. the maintenance cost will be raised little higher. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.
10	Engaging computer operators.	16.2	7.2.1.8	MASINAGUDI DIVISION	8 No x 12 months	8 No x 11 months	16.25	9.97025	MASINAGUDI DIVISION	8 No x 2 months (Feb & March 2023)	1 New @ Rs.20525/- each for Deputy Director office and 7 Nos. @ Rs.16420/- each for Range office	2.54	This item was approved in the 2022-2023. But due to non-receipt of 2nd installment the pending wages could not be paid for the month of February and March 2023. Hence this amount is proposed.
									MASINAGUDI DIVISION	8 No x 2 months	Rs.21925 pm (As per District Collector's memo approved) for Deputy Director office. Rs.16420/- each for Range office	16.42	Since the system of office work depends on Computers, Computer operators are required for entry of data on day to day activities including monitoring, office correspondence, including pay bills and bill payment of Treasury needs, filing online APO online monitoring of Forest guidelines and other online works etc. due to acute dearth of permanent office staff in the following offices during 2023-24. 1) DD Office - 1 Nos 2) RANGE OFFICES: 7 Nos Total 8 Nos
11	Annual maintenance of fire line in fire vulnerable locations and along roadides for avoiding further spread of wild fire to a width of 6 meters.	16.2. viii	13.4	GPS (?)	400 Kms	--	58.59	--	MASINAGUDI DIVISION	380 Kms	Rs 18853.50/- per Km	71.61	Maintenance of fire lines is an essential work to avoid spread of fires in existing fire lines. The existing network of fire lines at a width of minimum 6 mts. will be cleared and straggled as a barrier for fire. In this Division a length of 400 kms fire line has to be cleared annually.
12	Creation of new fire lines along the Nilgiris division boundary.	16.2. viii	13.4	--	100 Kms	--	14.65	--					

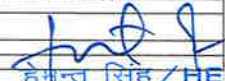

हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

ANNUAL PLAN OF OPERATION UNDER PROJECT TIGER SCHEME - MUDUMALAI TIGER RESERVE, UDHAGAMANDALAM FOR THE YEAR 2023-24

S. No.	Item of works	Para No.	TCP	Previous Year Details (2022-23)				Current year proposal (2023-24)				Justification		
				Location / GPS co-ordinates	Physical		Financial		Location / GPS co-ordinates	Physical target	Unit cost (in lakhs)		Rs.	Amount (Financial Target)
					Target	Ach	Target	Ach						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
13	Engaging fire watchers 60 numbers for 4 months.	16.2 vi	15.4	MASINAGUDI DIVISION	60 Nos 4 months - 240 Nos	—	29.29	—	MASINAGUDI DIVISION	60 Nos 4 months -240 Nos	As per Govt. approved rate for Anti-Poaching watchers Rs.12500 per month	30.00	Engaging Fire Protection Watchers for 4 months @ 15 Nos. each in all Ranges will be very effective for controlling fire incidents held in this Division and that would be controlled by engaging local labour. Hence, to control the fire and prevent the damages, it is essential to engage sufficient fire watchers.	
14	Additional fuel for the vehicles during the fire season.	16.2 vii	7.2.1.8	MASINAGUDI DIVISION	LS	LS	-4.00	0.73275	MASINAGUDI DIVISION	LS	LS	3.00	According to current ceiling only 70 litres of diesel is provided per month per vehicle. 70 litres of diesel is not enough when using these vehicles in the task of controlling wildfires mainly during summers. So extra fuel is definitely needed every year.	
15	Cost of fuel & oil for Highway patrolling vehicles (Entire of Himalayan Motor cycles)	16.2 vii	7.2.1.8	—	LS	LS	1.00	—	—	—	—	—	—	
16	Maintenance of wireless equipments such base sets, walkie talkies, batteries, antenna etc.	—	7.2.2.1	MASINAGUDI DIVISION	LS	—	3.00	—	MASINAGUDI DIVISION	LS	LS	3.00	Wireless maintenance task is important every year in Tiger Reserve. At the same time, funding is needed for the replacement of batteries to the Walkie-talkies used for wireless operations and for the purchase of new Walkie-talkies.	
17	Improvement and maintenance of staff Qtrs.	16.2. i	11.4	11.53078, 76.76362, 11.53077, 76.70361, 11.53077, 76.70363, 11.54850, 76.75805, 11.56750, 76.63801, 11.54549, 76.67906, 11.47663, 76.68343, 11.55480, 76.94986, 11.57563, 76.64715, 11.57536, 76.64715, 11.57536, 76.64721.	11 Nos.	—	22.00	11.53077, 76.70361, 11.53077, 76.70363, 11.55480, 76.94986, 11.57563, 76.64715.	4 Nos.	LS	—	8.00	Presently these 4 staff quarters are to be repaired since damaged in condition. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.	
18	Improvement and maintenance of non-residential buildings	16.2. i	7.2.1.8	11.45166, 76.93624, 11.45166, 76.93624, 11.56819, 76.63811.	3 No.	Rs.2.5 lakh each	7.50	—	11.45166, 76.93624, 11.56819, 76.63811.	2 Nos.	Rs.3.00 lakh each	6.00	Non-Residential Buildings are pretty old and need up gradation for their upkeep. 2 buildings are proposal for 2023-24. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.	
19	Maintenance of Forest checkpost	—	—	—	—	—	—	—	1) Masinagudi Check Post N11.57045 E076.63038 2) Vairathilommi Check post	2 nos.	1.00 lakh	2.00	Forest check post need sheets at frontside to facilitate the watchers during rain. Checkposts solar system should also need maintenance.	
III HABITAT IMPROVEMENT & WATER DEVELOPMENT														
1	First removal of invasive species like Lantana camara, Bipartitum etc. (Medium growth)	16.3	7.2.2.2	11.573721, 76.592912, 11.5298389, 76.676682 N. 11.52759 E.076.74727	50 Ha.	Rs.33689 per Ha	16.84	—	11.573721, 76.592912, 11.5298389, 76.676682 N. 11.52759 E.076.74727	50 Ha.	Rs.43363.05/ per Ha	21.69	The Mudumalai Tiger Reserve is infested with wide variety of invasive alien species like Lantana (exotic weeds). This is very difficult to get grasses for wildlife in those areas especially for herbivores. This is currently one of the reasons why wildlife often leaves the forest. Hence, action should be taken to remove these exotic weeds from there. This will be very helpful in future to improve the wildlife habitats. This item was approved in the APO previous year and achievement could not be made due to the non receipt of fund.	
2	2 nd year Maintenance work on areas already Lantana was removed earlier years (during the year 2021-22) i.e. uprooting of other exotic weeds growing there and newly sprouted recruits of Lantana weeds.	16.3	7.2.2.2	11.573721, 76.592912, 11.5298389, 76.676682	30 Ha.	—	11.09	—	—	—	—	—	—	
3	3 rd year Maintenance work on areas already Lantana was removed earlier years (during the year 2020-21) i.e. uprooting of other exotic weeds growing there and newly sprouted recruits of Lantana weeds. (Medium Growth)	16.3	7.2.2.2	11.60502, 76.61984, 11.57600, 76.63556, 11.60356, 76.65570, 11.58497, 76.65893, 11.54608, 76.56354, 11.52383, 76.70267, 11.53295, 76.67101.	104 Ha.	Rs.11693/- per Ha (2nd year maintenance)	12.16	—	11.60502, 76.61984, 11.57600, 76.63556, 11.60356, 76.65570, 11.58497, 76.65893, 11.52383, 76.70267, 11.53295, 76.67101.	50 Ha.	Rs.23566.88/- per Ha (3rd year maintenance)	11.79	Exotic weeds called Lantana have been removed in some places in past years. But other weeds and Lantana seeds that are there are more likely to germinate and spread if maintenance work is not done and that removal area during 2020-21 weed removal was done at 104 Ha. During 2021-22 second year maintenance was done for 50 Ha. So, maintenance for 3rd is very necessary.	
4	Improvement of water holes by desilting and minor repairs etc.	16.3	7.2.2.2	11.55133, 76.79292, 11.55855, 76.85514, 11.54798, 76.75562, 11.55133, 76.79292, 11.51632, 76.70466, 11.52606, 76.69310.	6 Nos.	—	3.00	—	11.55133, 76.79292, 11.55855, 76.85514, 11.54798, 76.75562, 11.55133, 76.79292, 11.51632, 76.70466, 11.52606, 76.69310.	4 Nos.	Rs. 100000/ No	4.00	Improvement of water holes by desilting and minor repairs etc. are required annually to ensure water facility to wildlife during pinch period.	
5	Providing water to wildlife during pinch period	16.3	7.2.2.2	MASINAGUDI DIVISION	400 Trips	—	6.40	—	MASINAGUDI DIVISION	100 Trips	Rs.1000 per trip	1.00	Troughs have been built at various places in the Mudumalai Tiger Reserve for wildlife to drink water especially during summer. At the same time some puddles have also been created. There is no borewell in these places. Water should be brought from outside by tractor tanker and pumped here to prevent water shortage in the forest. This is an important work that needs to be done every summer.	
IV ADDRESSING MAN-ANIMAL CONFLICT														
1	Formulation of new elephant proof fences	16.4	7.2.2.4	—	—	—	—	—	0.00 1) Akaladevunathy	1.2 Km	Rs. 13300/ Km	1.60	To avoid elephants with	


हेमन्त सिंह / HEMANT SINGH
 सहायक वन मेहानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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ANNUAL PLAN OF OPERATION UNDER PROJECT TIGER SCHEME - MUDUMALI TIGER RESERVE UDHAGAMANDALAM FOR THE YEAR 2023-24													
S. No.	Item of works	Para No.	YCP	Previous Year Details (2022-23)				Current year proposal (2023-24)					Justification
				Location / GPS co-ordinates	Physical		Financial		Location / GPS co-ordinates	Physical target	Unit cost (in lakhs)	(Rs. Amount (Planned/Target))	
					Target	Ach.	Target	Ach.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
2	Immunisation of domestic animals in the fringe villages	16.4	7.2.2.4	MASINAGUDI DIVISION	4 camps	---	2.00	---	MASINAGUDI DIVISION	4 camps	Rs 50000 per camp	2.00	Immunisation of all cattle in and around the Reserve will be done to avoid spread of diseases from domestic cattle to wild animals. In Masinagudi area about 8000 cattle exist. Hence this is proposed.
3	Conducting medical camps in fringe villages	16.4	7.2.2.4	MASINAGUDI DIVISION	3 camps	---	1.50	---	MASINAGUDI DIVISION	3 camps	Rs 50000 per camp	1.50	To enlist support of local people in wildlife management it is essential to conduct the medical camps and give free treatment in Masinagudi, Anikatti, Vazhnilottam and Thengumarabada areas annually.
4	Engaging anti- depredation watchers to drive wild animals from Agri land.	16.4	7.2.2.4	---	---	---	---	---	MASINAGUDI DIVISION	15 Nos	As per Govt. approved rate for Anti-Poaching watchers Rs 12500 per month	22.50	There are about 16 villages inside and surrounding the Tiger Reserve in Dullar areas. Hence Anti depredation watchers have to be engaged continuously night and day to reduce the conflict between animals and human beings. Hence this item is proposed.
V FOSTERING ECO-TOURISM IN TIGER RESERVE													
1	Maintenance of awareness boards, Publicity materials in tourist zone	16.17	7.2.2.4	MASINAGUDI DIVISION	1S	---	2.00	---	MASINAGUDI DIVISION	1S	1S	2.00	The National Highway, State Highway and Village Roads run through the Mudumali Tiger Reserve. Hundreds of vehicles pass here daily. People traveling in vehicles should be made aware of the Tiger Reserve. Awareness boards have been set up at various places for this purpose. This should be maintained every year.
2	Creation of awareness on Vulture conservation to School Children in buffer areas of Tiger Reserve.	16.17	7.2.2.5	MASINAGUDI DIVISION	---	---	---	---	MASINAGUDI DIVISION	1S	1S	2.00	Creating Awareness among the School Children about the need for Vulture Conservation, here by conducting the conservation attitude among the School Children. Arranging the visit to School Children from Nilgiris and adjoining districts to vulture Conservation Zone.
VI STAFF DEVELOPMENT AND CAPACITY BUILDING													
1	Conducting training in various aspects to staff with the help of specialised personal or institution	16.8	7.2.2.3	MASINAGUDI DIVISION	1S	---	2.00	---	MASINAGUDI DIVISION	1S	1S	2.00	The amount required annually for giving training to the field staffs regarding wildlife management eco tourism techniques and responsibility of tourism biodiversity management forest rescue protection and forest wildlife laws.
2	Creating awareness among public through workshops, seminar, celebration of various events marking important days.	---	---	---	---	---	---	---	MASINAGUDI DIVISION	1S	1S	2.00	The amount required annually for creating awareness among the people living around the Tiger Reserve.
VII RESEARCH & FIELD EQUIPMENTS													
1	Research and survey operation for vulture conservation	16.7	11.1	---	---	---	---	---	MASINAGUDI DIVISION	1S	1S	1.00	Mudumali is an important landscape for vulture conservation south of Central India. Hence it is essential to estimate the population of Vultures in this landscape to continuously monitor any change in population. Hence this item is proposed.
2	Conducting study - survey of birds and butterflies in MTR Masinagudi division	16.7	11.1	---	---	---	---	---	MASINAGUDI DIVISION	1S	1S	2.00	Regular assessment of Birds and Butterflies is essential to assess the healthiness of the ecosystem. Hence this item is proposed.
TOTAL RECURRING - BUFFER							376.99000	94.14750				375.58	
RECURRING - TIGER DEARING AREAS													
A MUKURUTHI NATIONAL PARK													
1	Maintenance of Fire Lines (6m width)	16.2.33	10.4	N 11.28800 E 076.50410 N 11.20270 E 076.44080 N 11.26140 E 076.50410 N 11.27940 E 076.53080 N 11.25616 E 076.50536	30km	---	4.39	---	N 11.25800 E 076.50110 N 11.23778 E 076.52188 N 11.23940 E 076.45290 N 11.26040 E 076.52570	20 km	Rs 18853.50 per km as per FSR approved for 2023-24	3.77	The Mukuruthi National Park is located adjoining to Kerala State border from where fire threats are common. Hence to protect the Park from spreading of fire, fire breaks in the form of fire line are to be maintained. Also fire lines within the Park area is also maintained for fire protection.
2	Hiring Fire Protection Watchers for 4 months from December to March	16.2.33	10.4	MTR-CORE	5 Nos x 4 months	---	2.34	---	MTR-CORE	5 Nos x 4 months	Rs.12500/- per month as per approved rate	2.50	Towards fire control measure Fire watchers are required annually.
TOTAL RECURRING - MUKURUTHI NATIONAL PARK							6.830	0.00000				6.27	
B NILGIRIS DIVISION													
I ADDRESSING MAN-ANIMAL CONFLICT													
1	Engaging anti- depredation watchers to drive wild animals from Agri land for 12 months	16.4	7.2.2.3	NILGIRIS DIVISION	10 Nos for 12 months	10 Nos for 3 months	15.00	3.75	---	10 Nos	As per Govt. approved rate for Anti-Poaching watchers Rs 12500 per month	15.00	The southern boundary of Mudumali Tiger Reserve BUFFER division is located along the villages of the NILGIRIS territorial forest Division. From time to time elephants, tigers and leopards from the Mudumali Tiger Reserve infringe into these villages and cause damage to humans. These ADWS are very important to prevent this damage and drive the animal back to forest. Hence proposed for 2023-24.
TOTAL RECURRING - NILGIRIS DIVISION							15.00	3.75				15.85	
C GUDALUR DIVISION													
I ADDRESSING MAN-ANIMAL CONFLICT													
1	Engaging anti- depredation watchers (SQ/AD) to drive wild animals from Agri land for 12 months	16.4	7.2.2.3	GUDALUR DIVISION	10 Nos for 12 months	10 Nos for 3 months	15.00	3.75	---	10 Nos	As per Govt. approved rate for Anti-Poaching watchers Rs 12500 per month	15.00	The southern boundary of Mudumali Tiger Reserve CORE division is located along the villages of the GUDALUR territorial forest Division. From time to time elephants, tigers and leopards from the Mudumali Tiger Reserve infringe into these villages and cause damage to humans. These ADWS are very important to prevent this damage and drive the animal back to forest. Hence proposed for 2023-24.
TOTAL RECURRING - GUDALUR DIVISION							15.00	3.75				15.85	
TOTAL RECURRING - TIGER DEARING AREAS							36.83	7.50				43.97	
GRAND TOTAL RECURRING							806.77	201.69				845.85	
GRAND TOTAL							1106.63	276.43				1140.31	


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (वाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

ANNUAL PLAN OF OPERATION UNDER PROJECT TIGER SCHEME - MUDI MALAI TIGER RESERVE, UDHAGAMANDALAM FOR THE YEAR 2023-24													
S. No.	Item of works	Para No.	TC P	Previous Year Details (2022-23)				Current year proposal (2023-24)				Justification	
				Location / GPS co-ordinates	Physical		Financial		Location / GPS co-ordinates	Physical target	Unit cost in lakhs		(Rs. Amount (Financial Target))
1	2	3	4	5	6	7	8	9	10	11	12	13	14
				ABSTRACT-2023-24									
				DETAILS				TOTAL					
										CENTRAL SHARE	STATE SHARE		
				NON RECURRING CORE					131.77	79.06		52.71	
				NON RECURRING BUFFER					162.69	97.61		65.08	
				NON RECURRING MUKURTHI NATIONAL PARK					0.00	0.00		0.00	
				NON RECURRING NILGIRIS DIVISION					0.00	0.00		0.00	
				NON RECURRING GUDALUR DIVISION					0.00	0.00		0.00	
				TOTAL NON RECURRING					294.46	176.68		117.79	
				RECURRING CORE					420.30	213.15		213.15	
				RECURRING BUFFER					375.58	187.79		187.79	
				RECURRING MUKURTHI NATIONAL PARK					6.27	3.14		3.14	
				RECURRING NILGIRIS DIVISION					18.85	9.43		9.43	
				RECURRING GUDALUR DIVISION					18.85	9.43		9.43	
				TOTAL RECURRING					845.85	422.93		422.93	
				GRAND TOTAL RECURRING & NON RECURRING					1140.31	599.60		540.71	

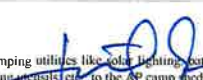
Conservator of Forests & Field Director,
Mudumalai Tiger Reserve,
Udhagamandalam.


हेमन्त सिंह / HEMANT SINGH
सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
Assistant Inspector General of Forests (Project Tiger & Elephant)
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forests and Climate Change
भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

Annual Plan of Operation under Centrally Sponsored Scheme - Project Tiger for 2023-2024

Srivilliputhur Megamalai Tiger Reserve, Madurai

Sl. No.	Items	Name of the Office/ Division	Para No.		Previous year details (2022-23) upto 31.03.2023					Current year proposal (2023-24)				Justification
			CSS PT Guidelines	TCP No	Location or GPS co-ordinates	Physical		Financial		Location or GPS Co-ordinates	Physical Target	Unit Cost	Amount (Financial Target)	
						Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NON RECURRING														
A	CORE													
L	ESTABLISHING AND MAINTENANCE OF EXISTING PATROLLING CAMPS/CHOWKIS/AND DEPLOYMENT OF CAMP LABOURERS FOR PATROLLING.													
A1	Maintenance of existing borewell	DD, Srivilliputhur	16.2.1.1	Under Preparation	--	--	--	--	--	1) Ammankovil beat N 9.506485 E 77.455682 2) Shenbagathoppu N 9.541625 E 77.559899	2 nos.	3.000	0.00 S	The borewells are not functioning, hence reworking the borewell is necessary.
A2	Digging of borewell for antipoaching shed	DD, Srivilliputhur	16.2.1.1	Under Preparation	(1) Yanaikajam N 9.764601° ; E 077.587547° (2) Thaniparai N 9.70389° ; E 77.63250° (3) Sasthakoil N 9.41186° ; E 77.39839°	3 nos.	--	4.500	3.000	(1) Yanaikajam N 9.764601° ; E 077.587547°	1 no.	1.500	1.50 SI	Committed Liabilities 2022-23 (Component A7): Work completed, payment has to be made.
A3	Providing toilet facilities to Anti-poaching shed in Saduragiri, Sasthakoil, Ammankovil, Athiyadikidai	DD, Srivilliputhur	16.1.3	Under Preparation	(1) Sasthakoil N 9.41186° ; E 77.39839° (2) Saduragiri N 9.736735° ; E 77.652047° (3) Ammankovil N 9.50972° ; E 77.45556° (4) Athiyadikidai N 9.70361° ; E 77.56167°	4 nos.	--	4.000	0.000	(1) Sasthakoil N 9.41186° ; E 77.39839° (2) Saduragiri N 9.736735° ; E 77.652047° (3) Ammankovil N 9.50972° ; E 77.45556° (4) Athiyadikidai N 9.70361° ; E 77.56167°	4 nos.	1.000	4.00 S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
					Rajapalayam N 09.532471 E 77.459193	1 no.	--	1.500	0.000	Rajapalayam N 09.532471 E 77.459193	1 no.	1.500	1.50 S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
					--	--	--	--	--	1) Piravadiyar Beat N 9.45510 E 77.440292 2) Ayyanarkovil N 9.509533, E 77.455767	2 nos.	2.000	0.00 S	Anti-poaching sheds are located in the interior forest areas which lack lavatory facilities. Most of the newly recruited Forest Guards and Forest Watchers are women and such facilities are very much vital. Hence the provision.
A4	Improvement of existing anti-poaching camp sheds	DD, Megamalai	16.2.1.1	Under Preparation	16th bend WT, Vellimalai, Vaaliparai and Kappuvamadai 1) N09.721618, E77.417498 2) N09.56847, E77.40192 3) N09.669594, E77.480818 4) N09.621762, E77.248416	4 nos.	--	4.000	0.000	16th bend WT, Vellimalai, Vaaliparai and Kappuvamadai 1) N09.721618, E77.417498 2) N09.56847, E77.40192 3) N09.669594, E77.480818 4) N09.621762, E77.248416	4 nos.	1.000	4.00 MI	Committed Liabilities 2022-23: 4 camp shed works completed. Amount to be paid.
					--	--	--	--	--	Thandiankulam, Mavadi, 12th Anchor, Maharajamettu, Indira Nagar, Thalaiothu 1) N09.65841, E77.49107 2) N09.580208, E77.267822 3) N09.638679, E77.287924 4) N09.615082, E77.300142 5) N09.65991, E77.40341 6) N09.80742, E77.60068	6 nos.	4.000	0.00 M	The anti-poaching camp sheds constructed in this division earlier were constructed with varied objectives and require upgradation to achieve the needs of the tiger conservation initiatives. Hence, this cost is proposed to achieve the said objectives.
A5	Conducting special antipoaching patrol in all the ranges	DD, Megamalai	16.2.1.1	Under Preparation	Entire division	60 nos.	--	6.000	0.000	Megamalai Division	60 nos.	0.10	0.00 M	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
A6	Procurement of basic camping utilities for AP Camp shed	DD, Srivilliputhur	10.1	Under Preparation	Entire division	--	--	--	--	Rajapalayam Range: 1) Ammankovil beat N 9.507164; E 77.433969 Saptur Range: 2) Kottanmalai beat N 9.750032; E 77.583629	LS	2.00	0.00 S	Provision for essential camping utilities like solar lighting, battery chargers, camp cot, basic furnitures, cooking utensils etc. to the AP camp sheds in this division.


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
A7	Energising Anti-poaching camp sheds through solar power	DD, Megamalai	16.2.11	Under Preparation	Entire division	--	--	--	--	Thandiarkulam, Mavadi, 12th Anchor, Maharajamettu, Indira Nagar, Thalaioothu 1) N09.65841, E77.49107 2) N09.580208, E77.267822 3) N09.638679, E77.287924 4) N09.615082, E77.300142 5) N09.65991, E77.40341 6) N09.80742, E77.60068	6 nos.	2,000	0.00 M	The anti-poaching camps are located in remote areas where electric transmission lines are not feasible and eco-friendly. Hence, it is proposed to install solar power in these areas.	
Sub-total (I)													11.00		
II PROCUREMENT OF SCIENTIFIC EQUIPMENTS, FIELD GEAR, NIGHT VISION DEVICE ETC.,															
A8	Supply of protection gear to all field personnel engaged in protection activities	DD, Srivilliputhur	16.1.15	Under Preparation	Entire division	LS	-	5,000	0,000	Entire division	LS	5,000	5,00 S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.	
		DD, Megamalai	16.1.15	Under Preparation	Entire division	LS		5,000	0,000	Entire division	LS	5,000	5,00 M		
A9	Supply of scientific and field equipments for patrolling (cameras, binoculars, GPS etc.)	DD, Megamalai	16.7.1	Under Preparation	Entire division	LS	--	2,000	2,000	Entire division		5 nos.	0.800	0.00 M	Documentation of biodiversity in the tiger reserve signifies the value of a tiger reserve. Making field staff occupied during their field patrols and inculcating the sense of understanding the biodiversity is a key value and this would enhance the overall capacity of the field personnel. Hence, it is proposed to procure cameras and binoculars to field personnel for field documentation of flora and fauna.
		DD, Srivilliputhur	16.7.1	Under Preparation	Entire division	LS	LS	2,000	2,000	Entire division		200 nos.	0.250	0.00 S	Daily patrolling and monitoring is the key objective of a Tiger Reserve. Apart from that annual assessment of Tigers, co-predators and their prey through standardized eight day protocol and through Phase - IV intensive monitoring of tiger source population is being carried out for which gadgets like camera traps and its accessories, Digital Camera, GPS devices, Range finders, etc are very much required.
A10	Procurement of field gear to anti-poaching watchers	DD, Srivilliputhur	16.1.15	Under Preparation	Entire division	LS	LS	0,600	0,600	Entire division		LS	LS	0.00 S	Anti-poaching watchers and frontline staff working in remote areas with adverse environmental conditions needs to be supported through protection gear such as rain coat, shoes, torch lights, head lights, leech proof socks, gum boots, field warmers etc., to improve their efficiency in performing protection duties.
		DD, Megamalai	16.1.15	Under Preparation	Entire division	--	--	--	--	Entire division		LS	LS	0.00 M	Every year essential field gears are procured for use by frontline staff. Essential items such as Kukri, head lights, emergency whistles, ropes, are to be procured depending upon requirement. Hence, this cost is proposed as lump sum
A11	Procurement of field gear to front line staff	DD, Srivilliputhur	16.1.15	Under Preparation	Entire division	LS	LS	0,675	0,675	Entire division		LS	LS	0.00 S	Anti-poaching watchers and frontline staff working in remote areas with adverse environmental conditions needs to be supported through protection gear such as rain coat, shoes, torch lights, head lights, leech proof socks, gum boots, field warmers etc., to improve their efficiency in performing protection duties.
A12	Purchase of computer accessories, office stationeries, etc	FD, SMTR	16.7	Under Preparation	FD, SMTR	LS	--	2,000	0,000	FD, SMTR		LS	LS	0.00 C	Tiger Reserve Foundation has been formed, hence purchase of computers, table and colour and monitor, mfd printers, laptop, stationeries need to be purchased.
Sub-total (II)													10.00		
III ESTABLISHING MONITORING SYSTEM FOR TIGERS INTENSIVE PROTECTION AND ECOLOGICAL STATUS (M-STHPES) MONITORING.															


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
A13	Procurement of mobile phones for better utilization of M-Stripes app for patrolling and All India Tiger Estimation (AITE)	DD, Megamalai	16.1.14	Under Preparation	Entire division	--	--	--	--	Entire division	30 nos	0.250	0.00	M	M-STRIPES phones procured during earlier years have been used upto its life. The field staff are facing difficulty in using the old mobile phones because of its incompatibility with the upgraded version of M-STRIPES app. Further, the old mobile phones are reported to have other technical complaints. For the reasons, it is highly essential to replace them with advanced mobile phone models. Hence, proposed.
													Sub-total (III)	0.00	
IV. PROVISION OF PROJECT ALLOWANCE TO STAFF (ALL CATEGORIES) OF PROJECT TIGER (PROVIDING PROJECT ALLOWANCE TO MINISTERIAL STAFF IS A NEW COMPONENT) (NON RECURRING), SEPARATE FOR ALL CATEGORIES.															
A14	Project allowance to staff as per the guidelines of Government of India	DD, Megamalai	16.8.2	Under preparation	Entire division	187 nos.	--	14,770	8,357	Entire division	LS	LS	1.71	M1	Committed Liabilities 2022-23: (Component A34): Fund shortage balance to be paid.
					Entire division	--	--	--	--	Entire division	188 nos.	LS	14.77	M	As per guidelines of NTCA project allowance is paid to all permanent staff as per the rates specified (Annexure enclosed - A)
		FD, SMTR	16.8.2	Under preparation	FD, SMTR	51 nos.	--	4,440	0,000	FD, SMTR	39 nos.	LS	2.64	C1	Committed Liabilities 2022-23: (Component A34) 23% has only been received in first instalment. Hence, the expenses could not be achieved. Hence required.
					FD, SMTR	--	--	--	--	FD, SMTR	41 nos.	LS	3.79	C	As per guidelines of NTCA, project allowance have to be paid to all permanent staff as per the rate specified. (Annexure enclosed)
		DD, Srivilliputhur	16.8.2	Under preparation	Entire division	133 nos.	133 nos	11,880	7,193	Entire division	LS	LS	0.67	S1	Committed Liabilities 2022-23: (Component A34) - Fund shortage balance to be paid.
					Entire division	--	--	--	--	Entire division	133 nos.	LS	11.88	S	As per guidelines of NTCA project allowance is paid to all permanent staff as per the rates specified (Annexure enclosed - C)
													Sub-total (IV)	35.46	
V. WILDLIFE CONSERVATION AWARENESS															
A15	Erection of large publicity boards	DD, Srivilliputhur	16.9	Under preparation	Entire division	5 nos.	--	1,250	0,000	Entire division	2 Nos	0.500	1.00	S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
		DD, Megamalai			--	--	--	--	--	Entire division	4Nos	0.500	0.00	M	
A16	Erection of Small publicity boards	DD, Srivilliputhur	16.9	Under preparation	--	--	--	--	--	Entire division	3 Nos	0.250	0.00	S	Awareness creation is very much essential for effective conservation of protected areas. Awareness has to be created to the local people on wildlife behavior so that the human wildlife conflicts may be reduced. Hence the provision.
		DD, Megamalai			--	--	--	--	--	Entire division	5 Nos	0.250	0.00	M	
A17	Maintenance of publicity boards	DD, Srivilliputhur	16.9	Under preparation	Entire division	--	--	--	--	Entire division	10 nos.	0.125	0.00	S	
A18	Erection of Large hoardings	DD, Megamalai	16.9	Under preparation	Entire division	--	--	--	--	Gandamanur	1 no.	5,000	0.00	M	Srivilliputhur Megamalai Tiger Reserve is a newly declared tiger reserve. The message of its declaration is yet to percolate to common people. Significant efforts are being taken to reach out to common people and spread the delightful message of the landscape as a Tiger Reserve. Hence, it is essential to erect such signages. The entrance arch will be erected at Thenpalani check post. The large hoarding will be placed on the main district highway which is the Theni-Madurai road.
A19	Erection of entrance arch at prominent locations	DD, Megamalai	16.9	Under preparation	Entire division	--	--	--	--	Thenpalani Forest Check post N09.787316, E77.439083	1 no.	10,000	0.00	M	
A20	Erection of new publicity boards on Madurai - Kollam National Highway (NH-744) and Thirumangalam - Kaniyakkumari National Highway (NH- 44)	DD, Srivilliputhur	16.9	Under preparation	Entire division	--	--	--	--	Entire division	2 nos.	1,500	0.00	S	Awareness creation is very much essential for effective conservation of protected areas. Awareness has to be created to the local people on wildlife behavior so that the human wildlife conflicts may be reduced. Hence the provision.
													Sub-total (VI)	1.00	


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

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						Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
VI. HABITAT IMPROVEMENT MEASURES														
A21	Removal of invasive alien species	DD. Megamalai	16.3	Under Preparation	Megamalai Range, Manjanoothu beat N 9.69934; E 77.45149	20 Ha.	20 Ha	10.000	8.587		LS	LS	1.41 M	Committed Liabilities 2022-23; (Component A39) - Work completed amount to be paid.
		DD. Megamalai	16.3	Under preparation	--	--	--	--	--	Megamalai Range N09.66541, E77.42580	20 Ha.	0.500	10.00 M	Habitat improvement is very much essential to maintain a healthy wildlife population. The gregarious growth of weeds and thickets inhibit the growth of indigenous forage for herbivores. Hence removal of invasive alien species is crucial to maintain the good habitat for wildlife. Hence this provision
		DD. Srivilliputhur	16.3	Under preparation	Rajapalayam Rajamparai Beat N 09° 30' 43" E 77° 22' 10" Srivilliputtur N 09.565388 E 077.559025 Watrap Watrap beat II N 9.04111" E 77.033341" Saptur Kottamalai beat N 9.749848 E 77.583847	20 Ha.	20 Ha	10.000	10.000	1) Rajapalayam Kottamalai Beat N 9.482825 E 77.424188 2) Srivilliputtur N 09° 36' 39.37" E 77° 32' 0.417" 3) Watrap - Thungankadu beat N 9.67846 E 77.558067 4) Saptur Range N 9.743482 E 77.583847	20 Ha.	0.500	10.00 \$	Habitat improvement is very much essential to maintain a healthy wildlife population. The gregarious growth of weeds and thickets inhibit the growth of indigenous forage for herbivores. Hence removal of invasive alien species is crucial to maintain the good habitat for wildlife. Hence this provision
A22	Removal of invasive alien species (1st year maintenance)	DD. Srivilliputhur	16.3	Under preparation	--	--	--	--	--	1) Rajapalayam Rajamparai Beat N 09.517033 E 077.448027 2) Srivilliputtur N 09.565388 E 077.559025 3) Watrap Watrap beat II N 9.683604 E 77.562311 4) Saptur Kottamalai beat N 9.743608 E 77.583847	20 Ha.	0.350	7.00 \$	1st Year maintenance of invasive species is very essential to maintain the good habitat for wildlife. Hence this provision
		DD. Megamalai	16.3	Under preparation	--	--	--	--	--	Megamalai Range N09.66541, E77.42580	20 Ha	0.200	4.00 M	This is for 1st year maintenance of the 20 ha area in which invasive plant species were removed during 2022-23 under the Project Tiger APO. 1st year maintenance of the removed area is a mandate as per the TamilNadu Policy on eco-restoration of forest areas infested with Invasive Plant Species. Hence, it is proposed.
Sub - Total (VI)													32.41	
Sub total non - recurring - CORE (I to VI)													89.88	
NON RECURRING - CORE														
											Committed liabilities	APO 2023-24	Total	
FD. SMTR											2.64	3.79	6.44	
MADURAI											0.00	0.00	0.00	
THENI											0.00	0.00	0.00	
SRIVILLIPUTHUR											2.17	40.38	42.55	
MEGAMALAI											7.12	33.77	40.89	
											11.93	77.94	89.88	


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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						Target	Achievement	Target	Achievement						
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B BUFFER															
I. ANTI POACHING ACTIVITIES & MEASURES															
B1.	Maintenance of existing anti-poaching sheds including repairing works 1. Kathurichan- Watrap Range 2. Athiyadikidai- Watrap Range 3. Kendiparai - Rajapalayam Range 4. Mudaliyaroothu - Srivilliputtur Range 5. Sundaramahalingam AP shed and Kodikal AP shed 6. Pravadiyar beat of Rajapalayam Range	DD. Srivilliputtur	16.3	Under preparation	Srivilliputtur N09°34'37" E077°32'20" Rajapalayam - Kendiparai APW Shed N 09° 31' 53.30" E 077° 27' 43.20" Sundaramahalingam AP shed N-9.766735 : E- 77.652047 2) Kodikal AP shed N-9.764547; E- 77.647173 Watrap N-90.42' 30" : E- 770.33' 43 Pravadiyar Beat. N 09° 25' 49" E 077° 24' 50"	6 nos.	--	12.000	0.000	Srivilliputtur N09°34'37" E077°32'20" Rajapalayam - Kendiparai APW Shed N 09° 31' 53.30" E 077° 27' 43.20" Sundaramahalingam AP shed N-9.766735 : E- 77.652047 2) Kodikal AP shed N-9.764547; E- 77.647173 Watrap N-90.42' 30" : E- 770.33' 43 Pravadiyar Beat. N 09° 25' 49" E 077° 24' 50"	6 nos.	2,000	12.00	S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
B2.	Installation of CCTV camera to critical areas in the tiger reserve	DD. Megamalai	16.17	Under preparation	Varusanadu & Megamalai	LS	--	1.000	1.000	Varusanadu and Megamalai Range Offices 1) N09.792945, E77.515806 2) N09.79713, E77.49953	2 nos.	1,000	0.00	M	The Forest Range Offices at Megamalai and Varusanadu are present in remote locations. The office premises are susceptible to agitations and entry by encroachers. Hence, it is essential to place them under surveillance. This cost is proposed for protection and monitoring the office premise. Hence, proposed.
B3.	Procurement of wireless handsets	DD. Megamalai	16.2.111	Under Preparation	Megamalai division	25 nos.	25 nos.	8.750	8.750	Megamalai Division	25 nos.	0.500	0.00	M	Installation of wireless communication in the tiger reserve is an efficient option of making tiger reserve communicable. Megamalai is a remote forest with even many of its range offices out of mobile phone communication network. Hence, bringing wireless communication makes the tiger reserve strong. Hence, this cost is proposed and it is highly essential.
Sub-total (I)													12.00		
II. Establishing and maintenance of existing patrolling camps/chowkis/and deployment of camp labourers for patrolling.															
B4	Supply of field uniform and raincoat for rapid action force (3 sets of uniform per watcher)	DD. Megamalai	--	--	--	6 nos.	--	0.117	--	--	6 nos.	LS	0.117	M1	Committed Liabilities 2022-23: (Component - B5): Balance amount of Rs 11698/- is required for making payment for transporting charge. Amount is pending for payment.
Sub-total (II)													0.12		
III. CONDUCTING TIGER MONITORING :															
B5.	Conducting tiger monitoring as per phase IV protocol such as Logistics, Data Entry operator, Biologist, Consumable etc..	DD. Megamalai	16	Under Preparation	Megamalai Division, Theni	LS	--	5.000	0.000	Megamalai Division, Theni	LS	0.000	5.00	M	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
					Megamalai Division, Theni	--	--	--	--	Megamalai Division, Theni	1 no.	3.500	0.00	M	The cost is proposed for conducting pre monsoon and post monsoon monitoring by adopting Phase IV protocol and will be used for supply of resources, mobilising the team and other logistic support including data entry and analysis.
		DD. Srivilliputtur	16	Under Preparation	Srivilliputtur Division	LS	--	3.000	0.000	Srivilliputtur Division	LS	3.000	0.00	S	Monitoring is the most important annual exercise of protocols of Phase IV. Monitoring has to be done by deploying tiger team trained from the core area, conducting pre-base survey, submission data etc.
Sub-total (III)													5.00		


HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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						Target	Achievement	Target	Achievement						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
IV. STRENGTHENING OF INFRASTRUCTURE WITHIN TIGER RESERVE															
B6	Improvements and maintenance to Staff quarters 1. FG - FW Qtrs - T. Krishnapuram - Beat-10. Saptur Range 2. FW- Qtrs - Beat- II, Watrap Range 3. FG - FW Qtrs - Neeravi beat and Valaikulam beat- Rajapalayam Range (FRO campus) 4. FG- FW- Qtrs - Alagarkoil beat Srivilliputtur Range	DD, Srivilliputhur	16.2.1	Under preparation	Rajapalayam N 09° 26' 16" E 077° 33' 59" Srivilliputtur N- 09.514168 E- 077.624017 Watrap N-9.47873 E- 77.585232 Saptur Kottamalai beat N- 09.807051 E- 077.68834	4 nos.	--	8.000	0.000	Rajapalayam N 09° 26' 16" E 077° 33' 59" Srivilliputtur N- 09.514168 E- 077.624017 Watrap N-9.47873 E- 77.585232 Saptur Kottamalai beat N- 09.807051 E- 077.68834	4 nos.	2.000	8.00 \$	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.	
B7	Improvement and maintenance of non-residential building. 1. Madalyaroolhu - Srivilliputtur Range	DD, Srivilliputhur	16.2.1	Under preparation	Srivilliputtur N09°34'37" E077°32'20"	1 no.	--	5.000	0.000	Srivilliputtur N09°34'37" E077°32'20"	1 no.	5.000	5.00 \$	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.	
B8	Strengthening of 1. Watch tower at Sasthakoil, Deviyar beat of Rajapalayam Range 2. Watch tower at Watrap beat-II of Watrap Range 3. Watch tower at Watrap beat-II of Watrap Range 4. Watch tower at Viriyankoil beat of Srivilliputtur Range 5. Watch tower at Kottamalai beat of Saptur Range with Elephant proof Trench with stone pitching	DD, Srivilliputhur	16.2.1.1	Under Preparation	Deviyar beat, Rajapalayam N - 09° 24' 42.70" E - 077° 23' 54.2" Trekking shed at Watrap beat-II N9°39'40" E 77°32'40" Watch tower at Watrap beat-II N9°39'58" E 77°32'42" Viriyankoil beat N9°31'15.62" E 77°30'31.44" Kottamalai beat N09°34'37" E077°32'20"	5 nos.	--	10.000	0.000	Deviyar beat, Rajapalayam N - 09° 24' 42.70" E - 077° 23' 54.2" Trekking shed at Watrap beat-II N9°39'40" E 77°32'40" Watch tower at Watrap beat-II N9°39'58" E 77°32'42" Viriyankoil beat N9°31'15.62" E 77°30'31.44" Kottamalai beat N09°34'37" E077°32'20"	5 nos.	2.000	10.00 \$	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.	
B9	Construction of twin FG and FW quarters for two beats (multi-storeyed model) at Megamalai Range of Megamalai Division	DD, Megamalai	16.2.1.3	Under preparation	--	--	--	--	--	Kadamalankundu N09.791438, E77.495694	1 no.	28.000	0.00 M	It is proposed to construct two combined forest guard and forest watchers as a multi-storeyed building. This will reduce space usage and further, will reduce the cost of construction. Hence, this component is proposed.	
B10	Construction of Forest Guard Quarters in Watrap Range	DD, Srivilliputhur	16.2.1.3	Under Preparation	--	--	--	--	--	Watrap Range I) Watrap beat II N 9.647709 E. 77.585203	1 no.	25.00	0.00 \$	It is proposed to create the facility in Watrap Range for better presence of field staff inside the tiger reserve.	
													Sub-total (IV)	23.00	
V. HUMAN - WILDLIFE CONFLICT MANAGEMENT															
B11	Payment of compensation for crop depredation, human death, cattle lifting, human injury and property damage	DD, Srivilliputhur	16.4.1	Under Preparation	Entire division	1 no.	--	3.000	0.000	Entire division	1 no.	1.000	1.00 \$	Compensation relief exgratia for damages caused by wildlife to humans, cattle, property, crops and crop lands. The cost is proposed proportionately apart from demand raised in other schemes.	
B12	Maintenance of existing elephant proof trenches	DD, Megamalai	16.10.1	Under Preparation	Entire division	--	--	--	--	Entire division	15 km	2.000	0.00 M	During summer seasons, wild elephants stray out of the Tiger reserve boundary along the eastern side of the reserve in search of food and water. Due to scarcity of water and food, they tend to raid the crops in the patta lands. Therefore, digging of elephant proof trenches is highly essential.	
B13	Purchase of cage for trapping big cats and accessories for capture and relocation of problematic animals	DD, Srivilliputhur	16.4.1.3	Under Preparation	Entire division	1 no.	--	3.000	0.000	Entire division	1 no.	3.000	3.00 \$	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.	
B14	Purchase of rescue equipments	DD, Srivilliputhur	16.4.1.3	Under Preparation	Entire division	1 no.	--	0.600	0.171	Entire division	1 no.	LS	0.50 \$	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.	


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

Annual Plan of Operation under Centrally Sponsored Scheme - Project Tiger for 2023-2024

Srivilliputhur Megamalai Tiger Reserve, Madurai


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						Target	Achievement	Target	Achievement						
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B15	Maintenance of existing Elephant proof trenches	DD, Srivilliputhur	16.10.1	Under Preparation	Entire division	--	--	--	--	Entire division	10 kms	2,000	0.00 S	During summer seasons wild elephants stray out of the Tiger reserve boundary along the eastern side of the reserve in search of food and water. Due to scarcity of water and food, they tend to raid the crops in the patta lands. Therefore, digging of elephant proof trenches is highly essential.	
B16	Procurement of catch pole, stretcher etc..	DD, Srivilliputhur	16.4.1.3	Under Preparation	Entire division	--	--	--	--	Entire division	LS	1,500	1.50 S	1) Catch Poles are used to rescue and restrain wild animals. Hence the provision. 2) Stretcher is required in cases of human animal conflict. Hence the provision.	
B17	Procurement of Metal detector, Multi meter for detect live wires	DD, Srivilliputhur	16.4.1.3	Under Preparation	Entire division	--	--	--	--	Entire division	LS	1,500	0.00 S	A multimeter is needed to inspect electric fences on patta lands and prevent wildlife damage. Hence this provision.	
B18	Procurement of tranquillizer gun	DD, Megamalai	16.4.1.3	Under Preparation	Entire division	--	--	--	--	Entire division	1 No.	5,000	0.00 M	Highly essential for rescue purpose.	
		DD, Srivilliputhur	16.4.1.3	Under Preparation	Entire division	--	--	--	--	Entire division	1 No.	5,000	0.00 S		
B19	Procurement of conflict management logistics including anti-depredation human resources and for relief purposes	DD, Megamalai	16.4.1	Under Preparation	Entire division	--	--	--	--	Gudalur Range	LS	2,000	0.00 M	Human elephant conflict issues are very high in Gudalur range during the months of December to May. Deploying anti-depredation watchers, monitoring of migrating elephant populations, addressing local people through early warning mechanism, vehicular patrolling are the essential measures adopted for handling the situation. The cost will be utilised for the purpose apart from any new, adaptive measures suggested from scientific forums time to time.	
													Sub-total (V)	6.00	
VI.	BUFFER AREA: TO CARRY OUT PROPHYLACTIC IMMUNIZATION OF CATTLE IN AND AROUND TIGER RESERVE.														
B20	Conducting prophylactic immunization camp in and around fringe villages in all Ranges of Tiger Reserve area / sanctuary including Buffer zone area	DD, Srivilliputhur	16.6.3	Under Preparation	Entire division	1 no.	--	1,000	0,000	Entire division	1 no.	1,000	1.00 S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.	
B21	Chemical immobilization equipments and drug	DD, Srivilliputhur	16.6.3	Under Preparation	Srivilliputhur Division	1 no.	--	2,500	0,000	Srivilliputhur Division	1 no.	5,000	5.00 S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.	
													Sub-total (VI)	6.00	
VII.	CREATION AND MAINTENANCE OF INFRASTRUCTURE FACILITIES (CHECK POST, OFFICE BUILDINGS, HOUSE KEEPING BUILDINGS)														
B22	Upgradation of Office of Deputy Director, Srivilliputhur into Green Building	DD, Srivilliputhur	16.12	Under Preparation	Deputy Director, Srivilliputhur	1 no.	--	2,000	0,000	Deputy Director, Srivilliputhur	1 no.	2,000	0.00 S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.	
B23	Improvement of existing check post buildings	DD, Srivilliputhur	16.2.1	Under preparation	Srivilliputhur Athithandu N09°34'37" ; E 077°32'20" Saptur - Mallapuram N- 09.741578	2 nos.	--	4,000	0,000	Deputy Director, Srivilliputhur	2 nos.	2,000	0.00 S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.	
					--	--	--	--	Rajapalayam Checkpost Rajapalayam N 9.459278, E 77.545035	1 no.	2,000	0.00 S	Checkpoint as used for protection purpose as well as fire monitoring and for effective administration. Their upkeep is very much essential for their durability as well. The works include renewal of damaged roofing floors with tiling, upgrading bathroom and toilet facilities, re-arrangement electricals, repairs to joineries and other minor repairs to the structures including painting the buildings etc..		
		DD, Megamalai	16.12	Under preparation	Kumuli and Kombakaranpuliur 1) N09.612090, E77.171800 2) N09.827550, E77.501067	2 nos.	--	3,000	0,000		2 nos.	3,000	0.00 M	During 2022-23, 3 check posts were improved under the Project Tiger APO. It is proposed to strengthen the remaining check posts. Kumuli check post needs additional assistance. Hence, it is proposed.	


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
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											10.12	52.00	62.12		
C	TIGER BEARING AREAS OUTSIDE														
I.	Wildlife Conservation / Awareness														
C1	Conducting awareness camps in forest fringe villages	DFO, Theni	16.2.1	Under Preparation	Aundipatty Range Bodi Range Theni Range Cumbum West Range Uthumapalayam Range	4 nos.	--	1,000	0,000		4 nos.	0.250	1.00	T	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
C2	Website for SMTR, Madurai for creating awareness about Tiger Conservation to Public	FD, SMTR	16.2.1	Under Preparation	FD, SMTR	1 no.	--	1,000	0,000		LS	LS	1.00	C	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
											Sub total (I)		2.00		
II.	Redressing Human-Wildlife conflict														
C3	Fuel Charges for attending emergency wildlife issues, rescue	DFO, Madurai	16.2.8	Under Preparation	--	1800 litre	474 litre	1,800	0,000	Madurai Division	1326 litre	LS	1.33	MDI	Committed Liabilities 2022-23: - (Component D10) Bills ready for payment
					--	--	--	--	--	Madurai Division	1800 litre	1,000	1.80	MD	Due to vast area of the division and scattered forest areas, fuel is additionally needed for timely intervention in wildlife issues
C4	Purchase of vehicle for timely rescue of stranded, injured, conflict animals	DFO, Madurai	4.4	Under Preparation	--	--	--	--	--	Madurai Division	1 no.	12,000	0.00	MD	Due to rapid urbanisation and expansion of human habitats, human-wildlife conflict issues are increasing in Madurai. To speed up the rescue process an additional vehicle is proposed.
C5	Construction of Water Trough with bore well powered by solar energy for providing drinking water to wild animals	DFO, Madurai	4.3	Under Preparation	--	--	--	--	--	Madurai Division	6 nos.	8,000	0.00	MD	During summer months wild animals forage out of RF areas in search of water to human habitations causing distress to both animals and humans. To tackle water needs it is proposed to construct water troughs with borewell powered by solar panels inside RF areas in all 3 ranges.
C6	Procurement of rescue kits and protection equipment for field staff	DFO, Madurai	4.10	Under Preparation	--	--	--	--	--	Madurai Division	LS	LS	0.00	MD	Modern rescue kits are needed to effectively handle wild animals in distress. For ensuring protection of field staff sufficient protection equipment are also required and hence proposed.
C7	Provision of Water to Wild Animals through 4 no's of Forest Ponds/Water Troughs during summer @ 7 watering during 3 summer months @ Rs.2000/- per watering	DFO, Madurai	4.3	Under Preparation	--	--	--	--	--	Madurai Division	28 nos.	0.020	0.56	MD	During summer months wild animals forage out of RF areas in search of water to human habitations causing distress to both animals and humans. To tackle water needs it is proposed to fill water in forest ponds through tankers inside RF areas at a specific frequencies.
C8	Procurement of Post Mortem Kits, Miscellaneous Expenses	DFO, Theni	4.4	Under Preparation	--	--	--	--	--	Theni division	5 nos.	0.500	2.50	T	Procurement of First Aid and Post Mortem Kits is very essential.
C9	Providing fuel for anti-poaching vehicle	DFO, Theni	16.2.8	Under Preparation	--	1000 litre	500 litre	1,000	0,500	Theni division	500 litre	0.001	0.50	T1	Committed Liabilities 2022-23: - (Component D10) Bills ready for payment
					--	--	--	--	--	Theni division	2000 litre	0.001	2.00	T	To mobilize the Rapid Response Team to the anti-poaching activities provision for fuel is essential and required as per local rate.
											Sub total (II)		8.69		
III.	Procurement & Maintenance of Essential Items for the Office														
C10	Infrastructure Improvement in the District Forest Office, Madurai	DFO, Madurai	4.3	Under Preparation	--	--	--	--	--	Madurai Division	LS	7,000	0.000	MD	For improving the infrastructure and modernize the Office of the District Forest Officer, Madurai.
											Sub total (III)		0.00		
											Sub total non recurring (tiger bearing (I to III))		10.69		


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

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NON RECURRING - TIGER BEARING AREA														
											Committed Liabilities	APO 2023-24	Total	
									FD, SMTR		0.00	1.00	1.00	
									MADURAI		1.33	2.36	3.69	
									THENI		0.50	5.50	6.00	
									SRIVILLIPUTHUR		0.00	0.00	0.00	
									MEGAMALAI		0.00	0.00	0.00	
											1.83	8.86	10.69	
RECURRING														
D CORE														
D1	Antipoaching Measures													
		DD, Srivilliputhur	16.1.1	Under preparation	All Ranges	70 nos.	70 nos.	105.00	58.253	All Ranges	LS		36.05	\$I
					--	--	--	--	--	All Ranges	70 nos.		105.00	\$
	Engaging anti-poaching watchers / protection ma/doors for anti poaching activities	DD, Megamalai	16.1.1	Under Preparation	All Ranges	61 nos.	61 nos.	91.500	39.045	--	LS	0.125 /month	45.27	MI
		DD, Megamalai	16.1.1	Under Preparation	--	--	--	--	--	All Ranges	61 nos.		91.50	M
		DD, Srivilliputhur	16.16	Under preparation	Rajapalayam, Saptur, Watrap and Srivilliputhur Ranges	20 camps	20 camps	6.000	0.000	Rajapalayam, Saptur, Watrap and Srivilliputhur Ranges	20 camps	LS	6.00	\$
		DD, Megamalai	16.16	Under Preparation	--	--	--	--	--	--	LS	6.000	6.00	M
		DD, Megamalai	16.16	Under Preparation	Megamalai Division	25 camps	--	7.000	0.000	--	LS	LS	3.50	MI
		DD, Megamalai	16.16	Under Preparation	Entire Division	89 nos.	--	5.340	0.000	--	LS	LS	5.34	MI
		DD, Srivilliputhur	16.2.1	Under Preparation	Entire Division	LS	--	3.000	0.000	All Ranges	LS	3.000	3.00	\$
		DD, Srivilliputhur	16.16.1	Under preparation	Rajapalayam, Saptur, Watrap and Srivilliputhur Ranges	144 nos.	--	2.160	0.000	Rajapalayam, Saptur, Watrap and Srivilliputhur Ranges	4 nos.	0.015	0.24	\$


DEEPAK SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
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D5	Equipping Antipoaching camps by providing camping equipments.	DD, Srivilliputhur	16.2.1	Under preparation	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	LS	--	5,000	0,000	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	LS	LS	5,00 S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
D6	Additional fuel for the departmental vehicles used tiger conservation activities	DD, Megamalai	6.1.20	Under preparation	Entire Division	--	--	--	--	All Ranges	6000 litre	0.001	6.00 M	The Government fuel seating for vehicles during varied emergencies is not sufficient enough and anti-poaching operations require more utilization of vehicles to transport the patrolling team to the nearest accessible point of patrol, therefore additional fuel is required.
D7	Logistics for prosecution of offences and court cases	DD, Megamalai	16.2.1	Under Preparation	Entire Division	LS	--	1,000	0,000	All Ranges	LS	2,000	2.00 M	Laboratory analysis of wild animal sample to identify cause of death and time of death to help disease monitoring and surveillance, wildlife offences investigation etc is essential component of management. Hence this provision.
Sub total (I)													314.90	
II	Fire Control And Management													
D8	Conducting fire awareness camps and mock drills in forest fire prone areas.	DD, Srivilliputhur	16.2.6	Under preparation	Entire Division	2 camps	--	1,000	0,000	Entire Division	2 camps	0.500	1.00 S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
D9	Engaging local community for fire fighting operations in all Ranges.	DD, Srivilliputhur	16.2.6	Under preparation	Entire Division	1000 mds	--	5,600	0,000	Entire division	1000 mds	0.0056	5.60 S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
		DD, Megamalai	16.2.6	Under Preparation	Megamalai Division, Theni	600 mds	--	3,360	0,000	Entire division	600 mds	0.0056	3.36 M	Committed Liabilities 2022-23 (Component D9) - The work has been completed during 2022-23. The financial achievement couldn't be made for want of funds. But, the payment of wages has been paid through Ecotourism management committee funds. It was proposed under committed liabilities.
D10	Annual fire line clearing - 3 mtr width	DD, Megamalai	16.2.16	Under Preparation	Megamalai Division, Theni	60 km	--	5,400	0,000	Entire division	60 km	0.090	5.40 M	Committed Liabilities 2022-23 (Component D10) The work has been completed during 2022-23. The financial achievement couldn't be made for want of funds. It was proposed under committed liabilities.
		DD, Srivilliputhur	16.2.16	Under Preparation	Rajapalayam, Srivilliputtur, Saptur and Watrap Ranges	100 km	--	9,000	0,000	Rajapalayam, Srivilliputtur, Saptur and Watrap Ranges	100 kms	0.090	9.00 S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24. The existing fire lines in Srivilliputtur, Saptur, Watrap and Rajapalayam ranges are proposed to be cleared annually to prevent forest fire events from spreading to large areas
		DD, Megamalai	16.2.16	Under Preparation	Megamalai Division, Theni	--	--	--	--	Megamalai Division, Theni	102 kms	0.107	10.91 M	In previous year totally 102.2KM 3M with fireline clearing works were carried out. Maintenance of firelines is essential. Hence, it is proposed.
D11	Providing Additional fuel to range office vehicles for anti-poaching & fire prevention activities.	DD, Megamalai	6.1.20	Under Preparation	Megamalai Division, Theni	4800 litre	2940.31	4,800	3,491	Megamalai Division, Theni	LS	LS	1.14 M	Committed Liabilities 2022-23 (Component D11) - The balance amount of 1,1552 lakhs is for the additional fuel for the month of Jan to March 2023.
D12	Additional fuel for the vehicles during fire season	DD, Srivilliputhur	16.2.6	Under preparation	Rajapalayam, Saptur, Watrap, Sivakasi and Srivilliputtur Ranges	1050 litre	--	1,050	0,000	Rajapalayam, Saptur, Watrap, Sivakasi and Srivilliputtur Ranges	1050 litre	0.001	1.05 S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
D13	Incentives to tribal people for supporting fire management activities	DD, Megamalai	16.2.6	Under preparation	Megamalai Division, Theni	--	--	--	--	Kathirvelpuram, Paliyankudi, Karattuputti, Nochidodai, Upputhurai, Thalaioothu, Alagammalparam	220 families	0.020	4.40 M	There are 7 tribal settlements associated to the tiger reserve in Megamalai Division. These tribal settlements are settled with community rights enjoyed by them in the tiger reserve. Their support in tiger conservation activities is crucial. Hence, it is proposed to incentivise them for their support in handling forest fires. Hence, this cost is proposed.
D14	Interstate boundary fireline clearing to 6m width (Based on FSR 2022-23 rate with 10% escalation)	DD, Megamalai	16.2.16	Under Preparation	Megamalai Division, Theni	--	--	--	--	Megamalai Range, Chinnamanur Range	30 km	0.157	4.71 M	In previous year totally 29.2687KM 6M with fireline clearing works were carried out. Maintenance of firelines is essential. Hence, it is proposed.
Sub total (II)													46.57	
III	Monitoring of wild animals.													
D15	Procurement of batteries, memory card for existing camera trap	DD, Srivilliputhur	16.1.5	Under preparation	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges						LS	2,000	2.00 S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (वन संरक्षण प्रियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

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Sl. No.	Items	Name of the Office/ Division	Para No.		Previous year details (2022-23) upto 31.03.2023				Current year proposal (2023-24)				Justification	
			CSS PT Guidelines	TCP No	Location or GPS co-ordinates	Physical		Financial		Location or GPS Co-ordinates	Physical Target	Unit Cost		Amount (Financial Target)
						Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
D16	Annual wildlife population estimation in all Ranges	DD, Srivilliputhur	16.12	Under preparation	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	LS	--	2,000	0,000	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	LS	LS	2.00 \$	This work was sanctioned in the year 2022-23. As only one instalment was released this component is proposed to be executed during 2023-24.
D17	Clearing of transect lines for All India Tiger Estimation	DD, Srivilliputhur	16.12	Under preparation	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	80 km	--	2,400	0,000	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	80 kms	0.030	2.40 \$	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
D18	Engaging Computer Operator (Based on District collectorate rate 2022-23+10% escalation)	DD, Megamalai	16.2.23	Under Preparation	Megamalai Division	1 no.	--	1,800	0,750	Megamalai Division	1 no.	1,800	0.15 M	Committed Liabilities 2022-23 (Component D16) - The component has been achieved completely.
		DD, Megamalai	16.2.23	Under Preparation	--	--	--	--	--	Division Office	2 nos	0.00586/day	3.52 M	The computer operators will be engaged on contractual basis. They are highly essential for data entry and maintenance. Hence, this cost is proposed.
		FD, SMTR	16.2.27	Under preparation	--	--	--	--	--	FD, SMTR	1 no.	0.00742/day	2.23 C	The computer operator will be utilized for monitoring cell in the FD office.
		DD, Srivilliputhur	16.2.13	Under preparation	Deputy Director office, FWO office and Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	6 nos.	6 nos.	11.52	--	Deputy Director office, FWO office and Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	6 nos.	0.160	11.52 \$	Committed Liabilities 2022-23 (Component D17) payment has to be made.
					--	--	--	--	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	6 nos	0.00704/day	12.67 \$	The computer operators will be engaged on contractual basis. They are highly essential for data entry and maintenance. Hence, this cost is proposed.	
D19	Engaging Biologist and ecologist	DD, Megamalai	16.10.3	Under Preparation	Megamalai Division, Theni	2 nos.	--	5,760	3,360	Megamalai Division, Theni	2 nos.	5,760	0.48 M	Committed Liabilities 2022-23 (Component D18) - The component has been achieved completely.
D20	Wildlife crime detection	DD, Srivilliputhur	16.6.3	Under Preparation	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	LS	--	0,500	0,000	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	LS	0,500	0.50 \$	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
D21	Post mortem charges for wild animal deaths	DD, Srivilliputhur	16.6	Under preparation	All Ranges	LS	--	0,500	0,000	All Ranges	LS	LS	2.00 \$	Postmortem of mortal remains of wild animals to identify cause of death and time of death to help disease monitoring and surveillance, wildlife offences investigation etc is essential component of management. Hence this provision.
D22	Survey of population of crucial species of wildlife including LTM, Great Hornbill, Nilgiri Tahr, Butterflies, birds, nilgiri martens etc.	DD, Megamalai	16.12	Under preparation	--	--	--	--	--	All Ranges	LS	5.00	5.00 M	Monitoring wildlife population is an important task in any protected area or Tiger reserve. It helps in understanding the population dynamics there by influencing the management strategies.
D23	Engaging biologist and ecologist for species specific and habitat / landscape specific activities	DD, Megamalai	16.10.3	Under preparation	--	--	--	--	--	Megamalai Division	2 Nos	0.30 /month	7.20 M	The biologist will focus on species specific activities while the ecologist will focus on habitat / landscape specific activities. They will be used in documentation of the wild populations. Their role is highly important for the tiger reserve.
D24	Engaging expert in wildlife ecology and GIS for collecting and analysing wildlife census data and monitoring wildlife population.	DD, Srivilliputhur	16.10.3	--	--	--	--	--	--	Srivilliputhur Division	1 nos	0.25	3.00 \$	The role of wildlife expert is very important in long time monitoring of wildlife and analysing its population in a tiger reserve. Hence engaging wildlife expert with GIS Skills is important for Tiger reserve management.
D25	Grizzled Squirrel population estimation in all Ranges	DD, Srivilliputhur	16.12	Under preparation	--	--	--	--	--	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	1 no.	2,000	2.00 \$	Grizzled Squirrel population estimation is very much essential to identify the population Grizzled Squirrel and monitor the habitat. Hence this provision.
											Sub total (III)		56.66	
V	Maintenance of office equipment													
D26	Cost of office stationeries, equipment and other essential items for office	FD, SMTR	16.6	Under preparation	--	--	--	--	--	FD, SMTR	LS	20,000	20.00 C	It is proposed to upgrade the existing record room with push-pull rack and 3 bay rack to maintain the records in a safe manner.


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (घाँघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

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			CSS PT Guidelines	TCP No	Location or GPS co-ordinates	Physical		Financial		Location or GPS Co-ordinates	Physical Target	Unit Cost		Amount (Financial Target)	
						Target	Achievement	Target	Achievement						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
										SRIVILLIPUTHUR	47.57	193.46	241.03		
										MEGAMALAI	74.79	146.89	221.68		
											122.36	363.17	485.53		
E	BUFFER														
I	Maintenance of (staff quarters, family hostels, office improvement, house keeping buildings, museum).														
E1	Maintenance of check post building at Aihitundu	DD, Srivilliputhur		Under Preparation		1 no.		1,000	0,000	Srivilliputhur Range	1 no.	1,000	1,00	\$1	Committed Liabilities 2022-23 (Component E7) Work completed payment has to be made.
											Sub total (V)		1,00		
VII	Anti-Poaching														
E2	Strengthening Anti-poaching camps by providing Solar Pumping system / reworking the existing Borewell for providing water facilities	DD, Srivilliputhur	16.2.1	Under preparation	Rajapalayam Pravadiyar Beat N - 09° 27' 12.80" E - 077° 26' 29.6" Srivilliputhur N09°29'15" E077°36'30" Watrap Thaniparai AP shed N-9.703812; E- 77.632602 Saptur Muneeswarpuli AP shed N- 09.764134 E- 077.662917	4 nos.	--	12,000	0,000	Rajapalayam Pravadiyar Beat N - 09° 27' 12.80" E - 077° 26' 29.6" Srivilliputhur N09°29'15" E077°36'30" Watrap Thaniparai AP shed N-9.703812; E- 77.632602 Saptur Muneeswarpuli AP shed N- 09.764134 E- 077.662917	4 nos.	3,000	12,00	\$	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
E3	Procurement of rescue kits	DD, Megamalai	16.6.3	Under Preparation	--	--	--	--	--	All Ranges	LS	1,000	1,00	M	The Veterinary officer engaged for the tiger reserve will be supported by equipments and drugs required for the purpose of handling and treating wild animals.
E4	Providing conveyance allowance for anti-poaching watchers / protection mazdoors in the form of fuel charges	DD, Megamalai	16.1.23	Under Preparation	--	--	--	--	--	Megamalai Division	100 nos.	0,006	7,20	M	It is essential to support them in conveyance to their patrol localities as most of these places are remote and far from their range headquarters. This support will motivate them to a great extent. Hence, a cost in the name of conveyance allowance is proposed to be provided to them as a support to their tiger conservation efforts.
E5	Providing conveyance allowance for anti-poaching watchers / protection mazdoors in the form of fuel charges	DD, Megamalai	16.1.23	Under Preparation	Megamalai Division, Theni	150 nos.	--	9,000	3,256	Megamalai Division, Theni	150 nos.	9,00	0,31	MI	Committed Liabilities 2022-23 (Component E10) - The component has been achieved completely. But, the allowance for the month of March 2023 couldn't be paid for want of funds.
E6	Improvement of Sniffer Dog Kennel	DD, Megamalai	--	Under Preparation	--	--	--	--	--	Megamalai Division, Theni	1 no.	2,000	2,00	M	A sniffer dog named chera is handled in Cumbum East Range. The dog is trained and groomed by a Forest Guard and Forest Watcher. This cost is proposed for management of the kennel including improvement of drainage and other facilities in the kennel.
											Sub total (VII)		22,51		
VIII	Water development and disease control														
E7	Immunization of domestic animals in the villages	DD, Srivilliputhur	16.6.3	Under preparation	Rajapalayam, Saptur, Watrap and Srivilliputhur Ranges	LS	--	1,000	0,000	Rajapalayam, Saptur, Watrap and Srivilliputhur Ranges	1 no.	1,000	1,00	\$	Immunization of all cattles in and around the Reserve will be done to avoid spread of diseases from domestic cattle to wild animals. Hence this provision is made.
E8	Purchase of Post Mortem Kits	DD, Srivilliputhur	16.6.3	Under Preparation	Rajapalayam, Saptur, Watrap and Srivilliputhur Ranges	LS	--	0,500	0,000	Rajapalayam, Saptur, Watrap and Srivilliputhur Ranges	LS	0,500	0,50	\$	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
											Sub total (VIII)		1,50		
IX	Human Resource Development														


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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						Target	Achievement	Target	Achievement						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
E9	Conducting medical camps for all frontline field staff	DD, Srivilliputhur	16.16	Under preparation	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	LS	--	1.000	0.000	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	LS	1.000	1.00	S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
		DD, Megamalai	16.16	Under Preparation	Megamalai Division, Theni	LS	--	1.000	0.000	Megamalai Division	2 nos.	0.500	1.00	M	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
E10	Rewards to all staff and secret service expenditure for best performing staff and for detection of offences respectively	DD, Megamalai	16.16	Under preparation	Megamalai Division	LS	LS	0.500	0.500	All Ranges	LS	1.000	1.00	M	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
		DD, Srivilliputhur	16.16	Under preparation	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	LS	--	0.500	0.000	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	1 no.	0.500	0.50	S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
E11	Special tours, Exposure Visits and workshops	DD, Srivilliputhur	16.2.23	Under Preparation	Entire division	LS	--	1.000	0.000	Entire division	LS	1.000	1.00	S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
		DD, Megamalai	16.2.23	Under Preparation	Entire division	LS	--	1.000	0.000	Entire division	LS	2.000	2.00	M	It is essential to expose staff to the best practices in other Tiger Reserves for encouragement and improvement in the overall working strategy. It is proposed to conduct special tours to tiger reserves outside the state to gain knowledge on best practices, site specific strategies and replicate them in this tiger reserve. Hence, a cost for this purpose is proposed. Hence, this cost is proposed. It is highly essential.
											<i>Sub total (IX)</i>		6.50		
X	Procurement & Maintenance of essential items for the office														
E12	Purchase of Laptops, Computers, Xerox machines, Colour Printers, computer table and chairs, steel bureau for Field Directors office, division office and all ranges including maintenance etc	DD, Srivilliputhur	16.2.10	Under Preparation	All Range	LS	--	6.000	0.000	All Range	LS	1.000	6.00	S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
		FD, SMTR	16.2.10	Under Preparation	FD, SMTR	LS	--	10.000	0.000	FD, SMTR	LS	0.780	0.78	C	
		DD, Megamalai	16.2.10	Under preparation	Megamalai Division	LS	--	10.000	0.000	Megamalai Division	1 no.	LS	10.00	M	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
E13	Procurement of office stationeries, accessories and its maintenance, etc	DD, Megamalai	16.2.10	Under preparation	Megamalai Division	LS	--	5.000	0.000	Megamalai Division	1 no.	LS	5.00	M	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
		DD, Srivilliputhur	16.2.10	Under preparation	Deputy Director office and Range Offices	LS	--	2.000	0.000	Deputy Director office and Range Offices	LS	LS	2.00	S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
		FD, SMTR	16.2.10	Under preparation	FD, SMTR	LS	--	5.000	0.000	FD, SMTR	LS	LS	2.48	C	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
E14	Provision for Broad band charges/ Data card charges to all range offices. (5 x 1000 x 12)	DD, Srivilliputhur	16.2.15	Under preparation	Deputy Director office and Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	1 no.	--	0.600	0.000	Deputy Director office and Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	1 no.	0.600	0.60	S	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
E15	Provision for internet connectivity to range offices, special requirements	DD, Megamalai	16.2.15	Under Preparation	--	--	--	--	--	DD Office, Range Office, FSO	1 no.	0.400	0.40	M	The range offices are located in remote locations making communication inconvenient. In order to have uninterrupted transfer of reports and receipt of reports, inter connectivity is highly essential and hence, proposed.
E16	Procurement of furnitures, appliances and accessories and its maintenance	DD, Megamalai	16.2.15	Under preparation	Megamalai Division	LS	--	5.000	0.000	Headquarters	1 no.	LS	0.00	M	Megamalai office is an old Varisanadu Soil conservation division and most of its furnitures are old and not usable. It is essential to procure almira, chairs, tables, cupboards, racks etc. for proper stacking of records and giving the office a good appearance. Hence, this cost is proposed.
E17	Cost for internet connectivity to range offices in the tiger reserve	DD, Megamalai	16.2.15	Under preparation	Megamalai Division	6 nos.	--	0.300	0.000					M	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.


हेमन्त सिंह / HEMANT SINGH
 सहायक वन-महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

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			CSS PT Guidelines	TCP No	Location or GPS co-ordinates	Physical		Financial		Location or GPS Co-ordinates	Physical Target	Unit Cost	Amount (Financial Target)	
						Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
E18	Purchase of Multimedia Android Display, Computer and accessories etc...	DD, Srivilliputhur	16.2.10	Under preparation	--	--	--	--	--	Headquarters	1 no.	LS	5.00 \$	e-governance of office administration is essential to improve efficiency. All the range offices are located in remote areas from where responding to office correspondences is getting unnecessary delay. It is also proposed to procure Multimedia Android Display, Computer and accessories etc.
													Sub total (X)	32.56
XI	Training and Capacity Building													
E19	Conducting training on smart patrol and anti-poaching activities to the front line staff and APWs	DD, Srivilliputhur		Under preparation	Entire Division	4 camps	--	2.000	0.000	Entire Division	4 camps	0.500	2.00 \$	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
E20	Conducting training in various aspects to the staff with the help of specialised personnel / institution	DD, Srivilliputhur		Under preparation	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	LS	--	1.000	0.000	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	1 no.	1.000	1.00 \$	The amount required for giving training to the field staffs regarding wildlife management eco tourism techniques and responsibility of tourism biodiversity management forest rescue protection and forest wildlife laws.
E21	Conducting fire awareness camps and orientation programmes	DD, Megamalai		Under Preparation	Gandamanur and Cumbum	2 nos.	--	1.000	0.000	Entire division	2 camps	0.500	1.00 M	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
E22	Research study on distribution and diversity of various invasive species in Megamalai Division	DD, Megamalai	--	Under Preparation	--	--	--	--	--	Entire Division	LS	LS	3.00 M	Research study on distribution and diversity of various invasive species in Megamalai Division has to be carried out.
E23	Conducting training programmes for field staff on thematic topics	DD, Megamalai	16.2.23	Under Preparation	--	--	--	--	--	Entire division	4 nos.	0.500	2.00 M	Botanisation, photography, smart patrolling illegal wildlife trade and other contemporary topics will be chosen for the training programmes and experts from various quarters will be brought for taking training sessions. Hence, the cost is proposed
													Sub total (XI)	9.00
XII	Research, Monitoring and Evaluation.													
E24	Research and survey operation for Nilgiri Tahr conservation.	DD, Srivilliputhur		Under preparation	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	LS	--	2.000	0.000	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	LS	LS	2.00 \$	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
E25	Survey of Birds & Butterflies	DD, Srivilliputhur		Under preparation	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	LS	--	2.000	0.000	Rajapalayam, Saptur, Watrap and Srivilliputtur Ranges	LS	LS	2.00 \$	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
E26	Maintenance of Sniffer Dog	DD, Srivilliputhur		Under preparation	Srivilliputtur Range	LS	--	2.000	--	--	--	--	0.00 \$	--
									Sub total (E)	82.400	3.756			
													Sub total recurring buffer (I to XII = E)	77.06
													77.06	
													RECURRING - BUFFER	
											Committed liabilities	APO 2023-24	Total	
											FD, SMTR	0.00	3.26	3.26
											MADURAI	0.00	0.00	0.00
											THENI	0.00	0.00	0.00
											SRIVILLIPUTHUR	1.00	36.60	37.60
											MEGAMALAI	0.31	35.90	36.21
											1.31	75.76	77.06	
F	TIGER BEARING AREAS OUTSIDE													


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
 Ministry of Environment, Forests and Climate Change
 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi

Annual Plan of Operation under Centrally Sponsored Scheme - Project Tiger for 2023-2024

Srivilliputhur Megamalai Tiger Reserve, Madurai

Sl. No.	Items	Name of the Office/ Division	Para No.		Previous year details (2022-23) upto 31.03.2023					Current year proposal (2023-24)				Justification	
			CSS PT Guidelines	TCP No	Location or GPS co-ordinates	Physical		Financial		Location or GPS Co-ordinates	Physical Target	Unit Cost	Amount (Financial Target)		
						Target	Achievement	Target	Achievement						
I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
II Antipoaching operations															
F1	Wages to the Anti-poaching watchers	DFO, Theni	16.1.1	Under preparation	--	--	--	--	--	All Ranges	19 nos.	0.125/mon	28.50	T	The temporary Anti-poaching Watchers will be engaged and will utilized for anti-poaching activities in the vulnerable Beasts.
F2	Procurement of rescue kits and protection equipment for field staff	DFO, Theni	4.10	Under preparation	--	--	--	--	--	All Ranges	LS	LS	2.00	T	Modern rescue kits are needed to effectively handle wild animals in distress. For ensuring protection of field staff sufficient protection equipment are also required and hence proposed.
F3	Food, drinking water and other provisions to Anti Poaching Camp Units	DFO, Madurai	4.1	Under preparation	--	--	--	--	--	Usilampatti Range	10 nos.	0.050	0.50	MD	As Usilampatti range falls in the buffer area of SMTR, additional support for protection activities is vital. Anti poaching units undertaking night patrols and camping inside RF areas require food and other provisions and hence proposed.
F4	Repair and Maintenance of Anti Poaching Watch Shed @ Elumalai RF	DFO, Madurai	4.1	Under preparation	--	--	--	--	--	Elumalai R.F.	1 no.	1.000	1.00	MD	As Usilampatti range falls in the buffer area of SMTR, strengthening infrastructure for protection activities is vital. Existing watch tower and APW shed in critical areas need repair and maintenance for more effective protection activities.
F5	Repair and Maintenance of Existing Watch Tower @ Dodappanyakkanur North RF	DFO, Madurai	4.1	Under preparation	--	--	--	--	--	Doddappanyakkanur North R.F	1 no.	1.000	1.00	MD	As Usilampatti range falls in the buffer area of SMTR, strengthening infrastructure for protection activities is vital. Existing watch tower and APW shed in critical areas need repair and maintenance for more effective protection activities.
													Sub total (II)	33.00	
III Redressing Human-Wildlife conflict															
F6	Wages for Animal rescue personal	DFO, Madurai	16.1.1	Under preparation	--	300 mds	79 mds	1,480	0.000	--	221 mds	LS	1.09	MD	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
F7	Feeding and Dietary charges	DFO, Madurai	16.1.1	Under preparation	--	LS	--	1,000	0.000	--	LS	LS	0.50	MD	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
F8	Post mortem charges for wild animal deaths	DFO, Madurai	16.6	Under preparation	--	100 nos	50 nos.	0.500	0.500	--	LS	LS	1.00	MD	Provide service to address man-animal conflict issues. Incls during the transportation of trapped menanceful animals in Forest areas.
F9	Procurement of first aid, post mortem kits, miscellaneous expenses	DFO, Madurai	4.1	Under preparation	--	LS	--	0.500	0.003	--	LS	LS	0.50	MD	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
													Sub total (III)	3.09	
IV Monitoring of Wild animals															
F10	Provision for additional fuel to monitoring straying animals from the tiger reserve areas in to the patta lands and forest areas of Madurai division especially to prevent from poaching and crop raiding. (3 vehicles * 25 litres per month for 12 months)	DFO, Madurai				209 litre	--	0.209	0.000		209 litre	0.001	0.21	MD	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
F11	Conducting training programme to field staff in tiger bearing area outside tiger reserve	DFO, Madurai				LS		0.141	0.000		LS	LS	0.10	MD	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
													Sub total (IV)	0.31	
V Establishing Monitoring system for Tigers Intensive protection and Ecological status															
F12	Engaging Computer Operator for consolidating the census data	DFO, Theni	16.2.27	Under preparation		1 no.		1.800	0.000	Theni Division	1 no.	0.006	1.84	T	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
		DFO, Madurai	16.2.27	Under preparation		1 no.	--	2.160	0.000	Madurai division	1 no.	0.00717	2.15	MD	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
F13	Contingencies for unforeseen expenses like documentation, project report and photos etc.	DFO, Theni	16.2.27	Under preparation					0.000	Theni Division	LS	LS	0.96	T	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.
F14	Wildlife Population Census	DFO, Madurai	-	Under preparation						Madurai division	1 no.	1.000	1.00	MD	This work was sanctioned in the year 2022-23. As only one instalment was released, this component is proposed to be executed during 2023-24.


HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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Srivilliputhur Megamalai Tiger Reserve, Madurai

Sl. No.	Items	Name of the Office/ Division	Para No.		Previous year details (2022-23) upto 31.03.2023				Current year proposal (2023-24)				Justification	
			CSS PT Guidelines	TCP No	Location or GPS co-ordinates	Physical		Financial		Location or GPS Co-ordinates	Physical Target	Unit Cost		Amount (Financial Target)
						Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
							Sub total (F)	10.266	0.503			Sub total (V)	5.95	
												Sub total recurring - Tiger bearing area (I to V + F)	42.35	
													42.35	
							RECURRING - TIGER BEARING AREA							
											Committed liabilities	APO 2023-24	Total	
							FD. SMTR				0.00	0.00	0.00	
							MADURAI				0.00	9.05	9.05	
							THENI				0.00	33.30	33.30	
							SRIVILLIPUTHUR				0.00	0.00	0.00	
							MEGAMALAI				0.00	0.00	0.00	
											0.00	42.35	42.35	
							OVER ALL - NON RECURRING, RECURRING, TIGER BEARING TOTAL							
							NON RECURRING							
											Committed liabilities	APO 2023-24	Total	
							FD. SMTR				2.64	4.79	7.44	
							MADURAI				1.33	2.36	3.69	
							THENI				0.50	5.50	6.00	
							SRIVILLIPUTHUR				2.17	87.38	89.55	
							MEGAMALAI				17.24	38.77	56.01	
											23.88	138.80	162.68	
							RECURRING							
											Committed liabilities	APO 2023-24	Total	
							FD. SMTR				0.00	26.09	26.09	
							MADURAI				0.00	9.05	9.05	
							THENI				0.00	33.30	33.30	
							SRIVILLIPUTHUR				48.57	230.06	278.63	
							MEGAMALAI				75.10	182.79	257.88	
											123.67	481.28	604.94	
							CSS - PT - APO 2023 - 2024							
											Committed liabilities	APO 2023-24	Total	
							FD. SMTR				2.64	30.88	33.52	
							MADURAI				1.33	11.41	12.73	
							THENI				0.50	38.80	39.30	
							SRIVILLIPUTHUR				50.73	317.44	368.18	
							MEGAMALAI				92.34	221.56	313.90	
							GRAND TOTAL				147.54	620.08	767.62	


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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Centrally Sponsored Scheme - Project Tiger - Annual Plan of Operation 2023-2024 - Sathyamangalam Tiger Reserve, Erode

Sl. No.	Item of Work	Para No.		Location	Previous Year details (2022-2023)				Current Year proposal (2023-2024)					Justification	
		CSS PT Guidelines	TCP		Physical		Financial (Rs in lakhs)		GPS / Location	unit	Physical	Unit cost (in Rs.)	Amount (Rs in lakhs)		
				Target	Achiv.	Target	Achiv.								
	Non Recurring Core zone														
	Strengthening Infrastructure within Tiger Reserves:														
A1	Construction of Forest Range Officer Quarters.	16.2.1.3	8.5.4.1	Germalam Range N 11.77992 E 77.22033 & Joerahalli Range N 11.66061 E 76.92498	2		38.00	0.00	Hassanur Division Germalam Range N 11.77992 E 77.22033 & Joerahalli Range N 11.66061 E 76.92498	No	2	25.00,000	0.00	At present, Hassanur division has only 3 forest range officers' quarters: Germalam Range and Joerahalli Range, which are highly sensitive from the point of view of remoteness, inter-state boundary, and human-wildlife conflict. The required plinth area for FRO quarters is 1000 sq. ft., and Rs 25.00 lakhs per quarter is proposed. The work was sanctioned in APO 2022-2023, but it was not executed due to a delay in the second instalment. Hence, it is proposed.	
A2	Construction of new Foresters quarters at Patramangalam section in Vilamundy Range of Sathyamangalam Division	16.2.1	7.2.1.4						Sathyamangalam Division Vilamundy Range Patramangalam section N 11.48895, E 77.11472	No	1	21,25,000	0.00	For effective protection, frontline staff must stay in their respective quarters. At present, there are no quarters for Forester of Patramangalam Section. The required plinth area for Forester Quarters is 850 sq. ft. and Rs 21.25 lakhs per quarter are proposed.	
A3	Ensuring water supply to the Range Head Quarters and Residential buildings by construction of OHT.	16.6.6	10.3	Thalavady Range campus	1		8.00	0.00	Hassanur Division Thalavady Range N 11.72846, E 77.01817	No	1	8,00,000	0.00	Providing drinking water facility with OHT and pipeline connection to the staff quarters and Range office campus is essential for secure their water facilities. The work was already sanctioned in APO 22-23 but couldn't executed due to delay in 2nd instalment. Hence it is proposed.	
	Habitat Improvement:														
A4	Eco-restoration of Grassland		16.3	4.2	Hassanur Division	100 Ha	18.57 Ha	35.00	6.50	Hassanur Division	Ha	81.43	35,000	0.00	The Grassland Ecosystem plays critical role in protection and Habitat strengthening as they are favoured by Herbivores especially Blackbuck, four horned antelope and barking deer. In addition, grassland provide important ecological services and roles including such as water catchments, biodiversity enhancement, cultural and recreational needs and potentially a carbon sink to alleviate greenhouse gas emission.
					Sathy Division	100 Ha	17.32 Ha	35,000	6.06	Sathyamangalam Division	Ha	82.68	35,000	0.00	This work was already sanctioned in 2022-23 APO. Balance works couldn't be executed due to non-receipt of Second instalment funds. Hence the balance area is proposed.
	Purchase of equipments for addressing Human Wildlife conflict:														
A5	Purchase of Double Barrel Tranquilizer Gun for Hassanur Division		4.4	12.2.3						Hassanur Division	LS	LS	5,00,000	0.00	It is essential to capture the problematic animal from the human habitation and safe release to deep forest. Hence it is proposed.
A6	Radio-collar for carnivores		4.4	8.1						Hassanur Division	No	1	3,00,000	0.00	Human-Wildlife conflict is very high in Hassanur division. It's essential for continuous monitoring of captured & translocate the animals. Hence it is proposed.


HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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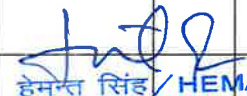
Centrally Sponsored Scheme - Project Tiger - Annual Plan of Operation 2023-2024 - Sathyamangalam Tiger Reserve, Erode

Sl. No.	Item of Work	Para No.		Location	Previous Year details (2022-2023)				Current Year proposal (2023-2024)					Justification		
		CSS PT Guidelincs	TCP		Physical		Financial (Rs in lakhs)		GPS / Location	Unit	Physical	Unit cost (in Rs.)	Amount (Rs in lakhs)			
				Target	Achiv.	Target	Achiv.									
A7	Procuring thermal camera for monitoring wildlife	16.7	10.3							Sathyamangalam Division	No	1	3,00,000	0.00	Thermal cameras will be useful to monitor the movement of animals and enhance protection.	
	Non Recurring - Core Zone	Hassanur Division													0.00	
		Sathyamangalam Division														0.00
		Total														0.00
	Non Recurring Buffer															
	Strengthening Infrastructure within Tiger Reserves:															
B1	Construction of new Range Officer quarters at Kadambur Range in Sathyamangalam Division.	16.2.1	7.2.1.4							Sathyamangalam Division Kadambur Range N 11.62655, E 77.32802	No	1	25,00,000	0.00	For effective protection, frontline staff must stay in the respective headquarters. At present, there are no quarters for Forest Range Officer of Kadambur Range which are newly formed range. The required Plinth Area of Quarters is 1000 sq.ft & Rs 25.00 lakhs per quarters is proposed.	
B2	Construction of Combined FG & FW quarters at Kodepalayam beat in Vilamundy Range of Sathyamangalam Division.	16.2.1	7.2.1.4							Sathyamangalam Division Vilamundy Range Kodepalayam beat N11.44068, E77.14605	No	1	18,75,000	0.00	For effective protection, frontline staff must stay in the respective headquarters. At present, there are no quarters for the guard and watcher of Kodepalayam beat. Hence, it is proposed. The required plinth area is 750 sq. ft., and Rs 18.75 lakhs per quarter is proposed.	
B3	Construction of compound wall for the Range office campus in TN Palayam Range of Sathyamangalam Division	16.2	7.2.1.4	Sathyamangalam Division	1	5,00,000	5.00	-		Sathyamangalam Division TN Palayam Range N 11.504141, E 77.405420	No	1	5,00,000	0.00	TN Palayam Range Office premises are surrounded by a ration shop and graveyard, where people will move often. Providing a compound wall will ensure protection and proper demarcation of the area and prevent any outside movement inside the campus. This work was already sanctioned in 2022-2033, but couldn't be executed due to the non-receipt of the second instalment funds. Hence, it is proposed.	
	Purchase of equipments for M-stripe patrolling & conducting phase IV monitoring															
B4	Procurement of m-stripes mobiles with power bank for newly formed beats & sections for Sathyamangalam Division	16.7	9.1	Sathyamangalam Division	17 Nos.	17 Nos.	2.55	2.55		Sathyamangalam Division	No	10	15,000	0.00	New mobile phones are very much essential to do M-stripe patrolling in the tiger reserve. Sathyamangalam Tiger Reserve has only the minimum number of camera traps, which is insufficient to conduct phase IV monitoring in a single instance and does not have enough camera traps for the same. Hence, camera traps are proposed. Similarly, for conducting this exercise, GPS, range finders, etc. are required. Hence proposed.	
B5	Purchase of camera traps with memory cards for Sathy Division	16.7	9.2.1.3	Sathyamangalam Division	50 Nos	50 Nos	10.00	9.98		Sathyamangalam Division	No	25	21,000	0.00		
B6	Purchase of memory cards for camera traps	16.7	9.2.1.3	Sathyamangalam Division	200 Nos	-	1.00	-		Sathyamangalam Division	No	50	500	0.00		


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 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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		CSS PT Guidelines	TCP		Physical		Financial (Rs in lakhs)		GPS / Location	unit	Physical	Unit cost (in Rs.)	Amount (Rs in lakhs)		
				Target	Achiv.	Target	Achiv.								
B7	Procurement of Range finders	16.7	7.2.2.2							Sathyamangalam Division	No	10	20,000	0.00	
B8	Procurement of Garmin (GPS) device for Sathyamangalam Division	16.7	9.2.1.1							Sathyamangalam Division	No	20	20,000	0.00	
Non Recurring - Buffer Zone - Total														0.00	
Non Recurring Tiger Bearing Areas															
Habitat Improvement:															
C1	Removal of Invasive Species									Erode Division Chennampatti Range Jarathal Beat of Ennamangalam RF N 11.733414, E 77.669532	Ha	25	35,000	0.00	The objective is to restore the indigenous plants, including medicinal plants, by controlling the exotic weed cover of Lantana camara and Prosopis juliflora to increase the fodder base in the forests and serve as a source of food for herbivores during the pinch period, thereby enriching the habitat and the corridors. Hence, this item is proposed.
Strengthening Infrastructure facilities:															
C2	Ensuring water supply to the Range Head Quarters (Drilling of Borewell with motor and other required infrastructure facilities.)	16.16								Erode Division Thattakkarai Range Thattakkarai Range Office Campus N11.842557, E77.526313	Nos	1	5,00,000	0.00	The range Headquarter at Thattakkarai comprises 12 departmental buildings, including the range office (temporary), rest house, staff quarters, etc. The existing water connection is insufficient to cater to these many occupants: hence, the provision is incorporated.
C3	Construction of culverts for patrolling and protection activities in remotely located areas			Erode Division	1		2.00			Erode Division Thamaraikarai Section, Thamaraikarai beat - Erumaikuttai pirivu to Sundapur village (3 Kms) Starting - N11.779522, E077.546658, Ending - N11.788970, E077.560930		1	2,00,000	0.00	This work was already sanctioned in APO 2022-23. Due to the non-receipt of the second instalment, this work couldn't be taken up. This work is essential and hence proposed.
Purchase of equipments for M-stripe patrolling & conducting phase IV monitoring															
C4	Procurement of Camera trap instruments	16.2.11		Erode Division	50	50	10,000	10,00		Erode Division	Nos	25	21,000	0.00	Phase IV camera trap exercises have been conducted in Erode Division as part of the All-India Tiger Estimation - Tiger Census) during 2021-22. Due to a lack of camera traps, they were procured from adjoining tiger reserves. Tiger bearing areas have been identified as part of the exercise, and regular monitoring with camera traps is essential in the long-term interest of tiger conservation. Hence the documentation of camera trap instruments, memory cards, and supporting accessories like camera cases, Allen keys (both 6 mm and 4 mm), etc.
C5	Procurement of Supporting accessories for camera traps like Camera case, Allen key (both 6mm & 4mm), rope, etc.,	16.2.11								Erode Division	Nos	50	1,000	0.00	
C6	Procurement of Memory card - 64 GB for camera traps (both new and existing)	16.2.11								Erode Division	Nos	50	500	0.00	


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 सहायक वन महानिरीक्षक (बाघ एवं हथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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		CSS PT Guidelincs	TCP		Physical		Financial (Rs in lakhs)		GPS / Location	unit	Physical	Unit cost (in Rs.)	Amount (Rs in lakhs)			
				Target	Achiv.	Target	Achiv.									
Awareness creation among General Public:																
C7	Erection of awareness boards	16.17							Erode Division	Nos	10	12,500	0.00	Erecting the awareness boards at vantage points to create awareness among the public towards tiger and biodiversity conservation.		
Non Recurring - Tiger Bearing Areas - Total														0.00		
Non Recurring		Hassanur Division											0.00			
		Sathyamangalam Division												0.00		
		Erode Division													0.00	
		Total													0.00	
Recurring core zone																
Staff Development and Capacity Building:																
D1	Engaging Anti-Poaching Watchers for APCs located in strategic locations	16.1.2	4.3	Hassanur Division	99 Nos x 12 months	99 Nos x 3 Months	148.500	36.505	2023 - 2024 Hassanur Division - 99 APWs	No	99	12,500	148.500	Hassanur Division: - During 2022 - 2023, 99 APWs were sanctioned & engaged.		
								2023 - 2024 Sathy Division - 42 APWs	No	42	12,500	63.00	Sathyamangalam Division: - During 2022 - 2023, 120 APWs were sanctioned & engaged.			
								2022-2023 pending Hassanur Division	No	99	-	112.00	Total 126 nos (Core - 42 nos, Buffer - 78 nos)			
								2022 - 2023 pending Sathy Division	No	42	-	36.75	In 2022 - 2023, APO Second instalment was not released. Hence, the balance amount of 2022-2023 is proposed.			
D2	Engaging Anti Depredation Watchers to address Human - Wildlife conflict in Hassanur Division	16.1.15	7.2.2	Thalavady Range 10 No's Jecrahalli Range 6 No's	16 Nos x 12 Months	31 Nos/3 Months	24.00	3.875	2023 - 2024 Hassanur Division Thalavadi Range and Jecrahali range	No	10	12,500	15.00	The human wildlife conflict in two ranges of Hassanur Division is very high due to migrating elephants, which cause depredation in village farmlands adjoining forest boundaries.		
								2022 - 2023 pending Hassanur Division	No	16	-	20.13	The cattle killed by tigers and leopards are also increasing over the years. Recently, sloth bear conflict with humans has been reported in multiple places. Hence, local youth will be engaged to drive the animals back into the forest. The second instalment of APO was not released in 2022-2023. Hence, the balance amount of 2022-2023 is also proposed. For 2023-2024, only 10 ADWs will be engaged.			
D3	Ration allowances to field staff staying in remotely located APCs.	16.16	10.3.2	Hassanur Division	99 Nos x 12 months	99 Nos x 9 months	10.217	7.663	2023 - 2024 Hassanur Division - 188 Nos (APWs - 99 nos, Forest watchers - 33 nos, Forest Guard - 45 nos & Foresters - 11 nos)	No	188	860	19.40	Ration allowance is proposed as per NTCA Ref No. 12-07/2010 dated July 31, 2014, and Ref No. 15-31/2012 dated 06.06.2014. This ration allowance is applicable to field staff starting from Forester and below working on regular pay rolls at field level in tiger reserves at Rs. 860 per month. In APO 2022-2023, only 25% of the amount was released in the first instalment. Hence, the balance amount of 2022-2023 is also proposed.		
								2023 - 2024 Sathy Division - 81 nos (APWs - 42 nos, Forest watchers - 16 nos, Forest Guard - 18 nos & Foresters - 5 nos)	No	81	860	8.36				

हेमन्त सिंह / HEMANT SINGH

सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
Assistant Inspector General of Forests (Project Tiger & Elephant)
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forests and Climate Change
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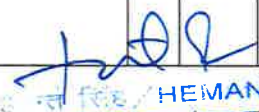
Centrally Sponsored Scheme - Project Tiger - Annual Plan of Operation 2023-2024 - Sathyamangalam Tiger Reserve, Erode

Sl. No.	Item of Work	Para No.		Location	Previous Year details (2022-2023)				Current Year proposal (2023-2024)					Justification	
		CSS PT Guidelines	TCP		Physical		Financial (Rs in lakhs)		GPS / Location	unit	Physical	Unit cost (in Rs)	Amount (Rs in lakhs)		
				Target	Achiv.	Target	Achiv.	Target							Achiv.
D4	Refilling charges for LPG connections provided in APCs functioning in core region	16.16.2	10.3.2	Hassanur Division	25 camps x 12 months	25 camps x 6 months	3.300	1.564	2022-2023 pending Hassanur Division	No	99	-	2.55	It is essential to put APCs to regular use for protection. In APO 2022-2023, only 25% of the amount was released in the first instalment. Hence, the balance amount of 2022-2023 is also proposed.	
								2022 - 2023 pending Sathy Division	No	42	-	2.17			
								2023 - 2024 Hassanur Division - 17 APCs	camp	17	1,200	2.45			
								2023 - 2024 Sathy - 7 APC	camp	7	1,200	1.01			
								2022 - 2023 pending Hassanur	camp	25	-	1.74			
D5	Providing of field gear, boots, blankets, torches, raincoat, bags etc., to anti-poaching watchers.	16.1.22		13.2 Hassanur Division	115 Nos	115 Nos	6.900	4.247	2023 - 2024 Hassanur Division - (99 APWs)	No	99	6,000	0.00	It is essential to provide uniforms, boots, torches, raincoats, bags, and accessories to anti-poaching watchers regularly every year.	
								2023 - 2024 Sathy Division - (42 APWs)	No	42	6,000	0.00			
D6	Providing first aid kit with basic medicines for emergency situations.	16.16	11.1	Sathyamangalam Division	20 camp	-	0.100	-	Hassanur Division - 17 camp	camp	17	500	0.09	It is essential for first aid medication and emergency situations arising in field while on duty to sustain the staff until approach to nearest PHC or hospital.	
								Sathyamangalam Division - 7 camp	camp	7	500	0.04			
D7	Engaging drivers for Anti Depredation Squad Vehicle and wildlife rescue vehicle of Hassanur Division.	16.1.15	7.2.2	Thalavady Range 1 No Jecrahalli 1 No	2 Nos x 12 Months	2 Nos x 3 months	3.307	0.752	Hassanur Division Thalavady Range - 1 No Jecrahalli Range - 1 Nos	No	2	14,163	3.40	for ADS vehicles and wildlife rescue vehicles in Hassanur Division. The second instalment of APO was not released in 2022-2023. Hence, the balance amount of 2022-2023 is also proposed.	
								2022 - 2023 pending Hassan Division	No	2	-	2.56			
D8	Engaging Driver for Deputy Director vehicle.	16.1.9	7.2.1.4	Hassanur Division	1 Nos x 12 months	1 Nos x 3 months	1.858	0.434	Hassanur Division 2022 - 2023 pending	No	1	-	1.42	In APO 2022-2023, only 25% of the amount was released in the first instalment. Hence, the balance amount of 2022-2023 is also proposed.	
D9	Engaging computer operator cum data analysts to process M-stripe/consus/survey data and other data collection in all ranges. (Including Forest protection squad and Eco Range) and Deputy Directors offices in Hassanur Division.	16.1.9	7.2.1.4	Hassanur Division	6 Nos x 12 months	6 Nos x 5 months	11.444	4.335	Hassanur Division 2023 - 2024	No	6	16,280	11.72	It is essential to engage computer operators and data entry operators on a monthly wage basis in all ranges and the Deputy Director's Office for data entry, documentation, and official administration. Hence, it is proposed. In APO 2022-2023, only 25% of the amount was released in the first instalment. Hence, the balance amount of 2022-2023 is also proposed.	
								Hassanur Division 2022 - 2023 pending	No	6	-	7.10			
D10	Engaging computer operator cum data analyst for M-stripes patrolling in Hassanur Division.	16.7	7.2.1.4	Hassanur Division	1 No x 12 Months	1 No x 3 Months	1.91	0.434	2023 - 2024 Hassanur Division	No	1	16,280	1.95	Engaging computer operators and data analysts is essential for M-stripe patrolling. Hence, it is proposed. The second instalment of APO was not released in 2022-2023. Hence, the balance amount of 2022-2023 is also proposed.	


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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Sl. No.	Item of Work	Para No.		Location	Previous Year details (2022-2023)				Current Year proposal (2023-2024)					Justification
		CSS PT Guidelines	TCP		Physical		Financial (Rs in lakhs)		GPS / Location	unit	Physical	Unit cost (in Rs.)	Amount (Rs in lakhs)	
				Target	Achiv.	Target	Achiv.							
D16	Additional fuel and maintenance for vehicles of FDs, DDs & FROs and 2 wheelers used by foresters used for patrolling and Anti-poaching activities in Hassanur Division for 2023 - 2024.	16.2.8	10.3	Hassanur Division	Ls	-	8.000	1.530	2023 - 2024 Hassanur Div. & FD Office	-	LS	-	5.00	All the vehicles of Sathyamangalam Tiger Reserve operate in hilly areas and rough terrain of forests and are regularly susceptible to wear and tear and damage by wild animals, especially elephants. Additional fuel is required for long range patrolling activities since only 90 litres are sanctioned by the government. The average consumption is 200 litres or more per month. Hence, maintenance and additional fuel expenditure are essential. In APO 2022-2023, only the first instalment (25%) was released; hence, the balance amount of 2022-2023 is also proposed for 2023 - 2024.
									2022 - 2023 pending Hassanur Div. & FD Office	-	LS	-	5.90	
D17	Fuel charges for water supply vehicle to anti-poaching camps in Hassanur Division.	16.2.8	10.3	Hassanur Division	2 Nos x 12 Months	2 Nos x 11 Months	4.536	2.983	2023 - 2024 Hassanur Division	No	2	3,15,000	6.30	About 250 liters of fuel (at an average rate of Rs. 105 per liter) are required as running costs for one vehicle per month, which involves watering to about 12-13 anti-poaching camps located in remote corners of the Tiger Reserve. And, the same vehicle is utilised for summer watering into a few temporary water troughs during the pinch period. In APO 2022-2023, only 25% of the amount was released in the first instalment. Hence, the balance amount of 2022-2023 is also proposed.
									2022 - 2023 pending Hassanur Division	No	2	LS	1.55	
D18	Fuel charges for anti-depredation and rescue vehicles in Hassanur Division.	16.2.8	10.3	Hassanur Division	2 Nos x 12 Months	2 Nos x 11 Months	4.536	3.912	2023 - 2024 Hassanur Division	No	4	3,15,000	12.60	Enhancing the protection of forests by patrolling and addressing the human-wildlife conflict in Hassanur division. 250 litres per month are required for 12 months. Hence, it is essential. In APO 2022-2023, only 25% of the amount was released in the first instalment. Hence, the balance amount of 2022-2023 is also proposed.
									2022 - 2023 pending Hassanur Division	No	2	LS	0.62	
D19	Fuel and maintenance of patrolling bikes in Talamalai and vilamundy Ranges	16.2.8	10.3.2	Sathy Division	2	-	0.280	-	Sathyamangalam Division Talamalai - 1 No Vilamundy - 1 No	No	2	14,200	0.28	Fuel of 40 litres for 12 months per patrol bike is proposed. It is essential for daily patrolling purposes. Also, a maintenance cost of Rs. 10,000 per bike is proposed.
D20	Fuel and maintenance charges for motor boat	16.2.8	10.3	Vilamundy Range	1 No	-	0.750	-	Sathyamangalam Division Vilamundy Range - 1	No	1	1,00,000	1.00	In Vilamundy Range, two beats, Patramangalam and Singamalai, are in highly inaccessible areas. To reach these beats, staff have to cross Bhavanaisagar reservoir in a motorboat. Hence, fuel for motorboats is proposed.
Addressing Human Wildlife conflict:														
D21	Payment of compensation for crop depredation, human death, cattle lifting, human injury and property damage.	16.4.1	5.4	Nil	LS	-	2.500	0.000	Sathyamangalam Division	LS	LS	-	4.75	Payment for Human-Animal conflict is time bound. Immediate relief for human death and cattle lifting issues are to be paid. Crop raids occur in routine basis and claims are to be settled in stipulated period. Hence it is proposed.
Conducting wildlife census (8 day protocol)														


HEIMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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		CSS PT Guidelines	TCP		Physical		Financial (Rs in lakhs)		GPS / Location	unit	Physical	Unit cost (in Rs.)	Amount (Rs in lakhs)	
				Target	Achiv.	Target	Achiv.							
D22	Clearing of transect lines in Hassanur Division.	16.7	7.2.2.2	Hassanur Division	60 Km	-	2.640	0.000	Hassanur Division 30 beats (Each beats x 2 km)	Km	60	4.400	2.64	This is required as per the monitoring protocol of the NTCA (30 beats x 2 km). This work was already sanctioned in 2022-2023 APO but was not executed due to the non-receipt of the second instalment. Hence, it is proposed for 2023-2024.
Office Expenses & Legal Support:														
D23	Broadband charges (dongle) for Deputy director office.	16.1.5	7.2.1.4	Hassanur Division	1 No	-	0.102	0.000	Hassanur Division	per month	1	850	0.10	There are constantly network troubles due to the rural location and rough terrain. For the office to operate normally, a backup source of high-speed Internet is absolutely essential.
D24	Legal support for defending court cases.	16.1.18	10.3.13	Hassanur Division	5	-	0.500	0.000	Hassanur Division	No	5	10.000	0.50	To meet out the expenditure related booking and prosecuting offences and appeal petitions pending before the Hon'ble High Court.
Recurring - Core Zone - Total				Hassanur Division									425.11	
				Sathyamangalam Division									125.47	
				Total									550.59	
Recurring Buffer zone														
Staff Development and Capacity Building:														
E1	Engaging Anti-poaching watchers for APCs located in strategic locations	16.1.2		4.3 Nil	120 Nos	120 nos x 5 months	180.000	74.635	2023-2024 13 APC camp (78 nos) Sathy Division	No	78	12.500	117.00	During 2022-23, 120 APWs were engaged @ 6 APWs per camp for 20 camps in Sathyamangalam Forest Division. In APO 2022-23 only 25% amount was released in 1st instalment. Hence, the balance amount of 2022-23 is also proposed.
									2022-23 pending Sathy Division	No	78	LS	68.25	Total 126 nos (Core - 48 nos, Buffer - 78 nos)
E2	Engaging anti depreddation watchers to address man animal conflict in fringe areas of high conflict zones throughout the year	16.1.15	7.2.2	All Ranges	10 Nos	10 Nos. x 2 Months	15.000	2.500	2023-24 All Ranges of Sathy Division	Nos	10	12.500	15.00	The human wildlife conflict are very high due to migrating elephants which causes depreddation in village farm lands adjoining forest boundaries. Hence local youth will be engaged to drive back the animals into the forest.
									2022-23 pending Sathy Division	No	10	LS	12.50	In APO 2022-23 only 25% amount was released in 1st instalment. Hence, the balance amount of 2022-23 is also proposed.
E3	Supply of ration to front line staff and APWs staying in remote locations	16.16	10.3	Sathyamangalam Division	120 Nos	120 Nos x 6 months	12.384	5.916	2023-24 Sathy Division - 176 nos (APWs - 78 nos, Forest watchers - 34 nos, Forest Guard - 52 nos & Foresters - 12 nos)	No	176	860	18.16	Ration allowance is proposed as per NTCA Ref. No. 12/7/2010 dated 31.07.2014 & Ref. No. 15-31/2012 dated 06.06.2014. This ration allowance is applicable to APWs in Tiger Reserves @ Rs.860/- per month.
									2022-23 pending Sathy Division	No	78	LS	4.03	In APO 2022-23 only 25% amount was released in 1st instalment. Hence, the balance amount of 2022-23 is also proposed.


HEMANT SINGH
 सहायक वन मगनिरक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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				Target	Achiv.	Target	Achiv.							
E4	Refilling charges for LPG connections provided APCs functioning with in Tiger Reserve	16.16	10.3.2	Sathyamangalam Division	20 camp	-	2.640	-	2023-24 13 APC camp Sathy Division	camp	13	1,200	1.87	It is essential to refill the LPG for connections existing to avoid fuel wood dependency and utility of provided services in Anti-Poaching Camps.
									2022-23 pending Sathy Division	LS	LS	LS	0.65	Rs 0.65 lakhs of 2022-23 is proposed for pending bills.
E5	Providing of field gear, boots, blankets, bags, torches, raincoat to anti-poaching watchers	16.1.15	10.3	Nil	135 nos	-	8.100	-	78 APWs Sathy Division	Nos	78	6,000	0.00	It is essential to provide uniform and accessories to anti poaching watchers regularly every year. Hence, it is proposed.
E6	Providing first aid kit with basic medicines for emergency situations.	16.16	11.1	NA	20 camp	-	0.100	-	Sathyamangalam Division 13 camp	camp	13	500	0.07	It is essential for first aid medication and emergency situations arising in field while on duty to sustain the staff until approach to nearest PHC or hospital.
E7	Engaging computer operators for all ranges (including Forest Protection squad and Eco Range) and data entry operator Deputy Director's office	16.1.9	7.2.1.4	NA	8 Nos	-	17.290	-	2023-24 Sathy Division	No	8	20,487	19.67	It is essential to engage computer operators and data entry operator on monthly wages basis in all ranges and Deputy Director office for data entry, documentation and official administration.
									2022-23 pending Sathy Division	No	8	LS	13.77	In APO 2022-23 only 25% amount was released in 1st instalment. Hence, the balance amount of 2022-23 is also proposed.
E8	Engaging computer operator cum data analyst for Tiger Monitoring Cell for Sathyamangalam Division	16.7	7.2.1.4	NA	1No	-	2.160	-	2023-24 Sathy Division	No	1	20,487	2.46	Various forms of exercises such as camera trapping, species identification, segregation of camera trap datas, data analysis of 8 days protocol etc., have to be carried out in tiger reserve. He will be assisting field biologist in sathyamangalam Division. hence proposed.
									2022-23 pending Sathy Division	No	1	LS	1.98	In APO 2022-23 only 25% amount was released in 1st instalment. Hence, the balance amount of 2022-23 is also proposed.
E9	Engaging ECO Sanitary watchers for maintain hygiene in and around reserve and temple areas	16.10.1.5	7.2.1.4	-	4 No	-	4.800	-	2023-24 Sathyamangalam Range - 3 Nos Talamalai - 1 No Sathy Division	No	4	10,000	4.80	Eco-sanitary Watchers are engaged in places of pilgrim & tourist movement areas. They are employed for keeping the forest campus clean, removing of solid waste, plastic garbages & for checking pilgrims movement
									2022-23 pending Sathy Division	No	4	LS	4.80	In APO 2022-23 only 25% amount was released in 1st instalment. Hence, the balance amount of 2022-23 is also proposed.
E10	Engaging temporary drivers on monthly wages for water supply and antidepreddation vehicles	16.1.9	7.2.1.4	Sathyamangalam Division- 4 Nos	4 Nos	1 No. x 1 month	7.6300	0.148	2023-24	No	4	18,398	8.83	Since, there is no permanent post of driver, it is essential to engage temporary drivers for existing water supply vehicle and anti-depreddation vehicles in Sathyamangalam Division.
									2022-23 pending	No	4	LS	6.93	In APO 2022-23 only 25% amount was released in 1st instalment. Hence, the balance amount of 2022-23 is also proposed.

हेमन्त सिंह / HEMANT SINGH

सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
Assistant Inspector General of Forests (Project Tiger & Elephant)
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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				Target	Achiv.	Target	Achiv.	Target							Achiv.
E11	Feed and maintenance charges for sniffer dog	16.1.2		Nil	1 No	-	2.400	-	2023-24 Sathyamangalam Division	NO		1	20,000	2.40	Sniffer dog is functional in sathyamangalam tiger reserve. It is essential for providing feed and maintenance of sniffer dog, which is used for detection of offences in Sathyamangalam Tiger Reserve. Hence we are proposing Rs.20000/- per month which is actual expenditure occurred and also in accordance with norms of National Dog Training Institute, Tekanpur, Madhya Pradesh. In APO 2022-23 only 25% amount was released in 1st instalment. Hence, the balance amount of 2022-23 is also proposed.
								2022-23 pending	No		1	-	2.18		
E12	Payment of Project Allowance for the year 2022-23 for Sathyamangalam Division	16.15	8.5.2	Sathyamangalam Division	LS	-	14.440	-	Sathyamangalam Division 2023-24	LS	LS		-	14.44	As per guidelines of NTCA project allowance is paid to all permanent staff as per the rates specified. In APO 2022-23 only 25% amount was released in 1st instalment. Hence, the balance amount of 2022-23 is also proposed.
								2022-23 pending Sathy Division	LS	LS		-	7.28		
Strengthening Anti poaching and Forest Patrolling activities															
E13	Maintenance and additional fuel for vehicles of DD & FROs used for patrolling and antipoaching activities	16.2.8	10.3	Sathyamangalam Division	9 nos.	9 Nos. x 10 months	5.400	4.31405	2023-24 DD 1 FRO 8 Sathyamangalam Division	No		9	60,000	5.40	All the vehicles of Sathyamangalam Forest Division are operated in hill areas and rough terrain of Forests and are regularly susceptible to wear & tear and damage by wild animals especially Elephants and additional fuel is required for long range patrolling activities since only 150 liters is sanctioned from Government. Hence, maintenance and additional fuel expenditure is essential.
E14	Fuel and maintenance charges for water supply and antidepredation vehicles	16.2.8	10.3.2	Sathyamangalam Division	4 Nos	4 Nos	9.072	5.155	2023-24 Sathy - 1 no, TN Palayam - 1 no Bahavanisagar - 1 no, Talamalai - 1 no, Vilamundi - 1 no	No		5	2,14,000	10.70	There are 5 nos of anti-depredation and watering vehicle in Sathyamangalam Forest Division. 150 liters of fuel is proposed per vehicle per month. Also maintenance cost of Rs. 25,000/- per vehicle is proposed. In APO 2022-23 only 25% amount was released in 1st instalment. Hence, the balance amount of 2022-23 is also proposed.
								2022-23 pending	No		4	LS	2.26		
Addressing Human Wildlife conflict:															
E15	Payment of compensation for crop depredation, human death, cattle lifting, human injury and property damage.	16.4.1	5.4	Nil	LS	-	2.500	-	Sathyamangalam Division	-	LS		LS	2.00	Payment for Human-Animal conflict is time bound. Immediate relief for human death and cattle lifting issues are to be paid. Crop raids occur in routine basis and claims are to be settled in stipulated period. Hence it is proposed.
Conducting wildlife census (8 day protocol)															
E16	Clearing of transact lines Sathyamangalam Division	16.7	7.2.2.2	Sathyamangalam Division	46 kms	-	3.040	-	Sathyamangalam Division	Km		46	4,400	2.02	This is required as per monitoring protocol of NTCA. This was sanctioned during 2022-23, but not executed due to non-receipt of 2nd instalment funds. Hence, proposed during 2023-24.


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 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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				Target	Achiv.	Target	Achiv.									
Office Expenses:																
E17	Provision for Broad band charges/ Data card charges to all range offices and DD office	16.1.5	7.2.1.4	Sathyamangalam Division	9	-	3.780	-	Sathyamangalam Division DD Office 1 Range Office 8	No	9	3,500	0.32	It is essential to provide internet connectivity to Deputy Director office and Range Offices		
Recurring - Buffer Zone - Total													349.77			
Recurring Tiger Bearing Areas																
Staff Development and Capacity Building:																
F1	Engaging Fire Watchers (in Man days)	16.2.6		Erode Division	860 MD	860 MD	4.3516	-	Erode Division 2022-23 pending	MD	860	-	4.35	In APO 2022-23, only 25% of the amount was released in the first instalment. The expenditure couldn't be incurred. Hence, the sanctioned amount of 2022-23 under this component is also proposed.		
F2	Engaging Anti-poaching watchers in tiger bearing ranges.	16.1.2		Erode Division	76 Nos	-	114.00	32.695	2023-24 Erode Division APWs - 76 nos	Nos	76	12,500	114.00	At present, 76 APWs are engaged in forest areas of Erode Division under the Project Tiger scheme. Hence, the proposal is meant for continued employment of their services during 2023-24. They are regularly working at consolidated wages for a month by staying in camps and patrolling surrounding beat areas to strengthen protection and assist the staff in effective MSTripES monitoring.		
Recurring - Tiger Bearing Area - Total													199.66			
Recurring		Hassanur Division											425.11			
		Sathyamangalam Division												475.24		
		Erode Division													199.66	
		Total													1,100.01	
Grand Total (Recurring & Non Recurring)		Hassanur Division											425.11			
		Sathyamangalam Division												475.24		
		Erode Division													199.66	
		Total													1,100.01	


हेमन्त सिंह / HEMANT SINGH
 सहायक वन महानिरीक्षक (बाघ एवं हाथी परियोजना)
 Assistant Inspector General of Forests (Project Tiger & Elephant)
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
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 भारत सरकार, नई दिल्ली / Govt. of India, New Delhi