

F. No. 4-1(42)/2021-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

B-1 Wing, 7th Floor,
Pt. Deendayal Antyodaya Bhawan,
CGO Complex, Lodhi Road,
New Delhi – 110003

Dated the 22nd July, 2021

To,

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

Sub: Centrally Sponsored Plan Scheme 'Project Tiger' Administrative Approval for funds release to Sathyamangalam Tiger Reserve, Tamil Nadu during 2021-22-reg.

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Sathyamangalam Tiger Reserve, Tamil Nadu at the cost of **Rs. 973.99 Lakhs (Rupees Nine Hundred Seventy Three Lakhs Ninety Nine thousand Only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 375.92 Lakhs (Rupees Three Hundred Seventy Five lakhs Ninety Two thousand Only)** being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India** and **Government of Tamil Nadu**. The remaining cost of the scheme will be treated as 60% Central Assistance by the Government of India and 40% assistance by the State Government of Tamil Nadu.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 110.26 lakhs (Rupees One Hundred Ten lakhs Twenty Six Thousand only)** as the 1st installment of Central Share towards the Grants-in-aid to Government of Tamil Nadu during the current financial year 2021-22. 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 in the **Sathyamangalam Tiger Reserve** under the Project Tiger 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.
- (vi) The accounts of the **Sathyamangalam Tiger Reserve** 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 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 **Sathyamangalam Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2022.
- (x) **Sathyamangalam Tiger Reserve** will spend Grants-in-aid exclusively in pursuance of the objectives envisaged in rules/memorandum of the Centrally Sponsored 'Project Tiger Scheme' 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 2021-22 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 **Sathyamangalam Tiger Reserve** 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 **Sathyamangalam Tiger Reserve** 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 (**Sathyamangalam Tiger Reserve**) 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 other Centrally Sponsored Schemes such as Project Elephant, 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).**
- (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) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or C&AG.
- (xxxvii) All guidelines under the project is to be followed scrupulously.
- (xxxviii) 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.
- (xxxix) The measurable outcome under the project (quantified) in terms of number of tigers in tiger reserve, eco-tourism in tiger reserve, %age decrease in man-animal conflict etc., may also be submitted in the progress report.
- (xl) All labour payments strictly by Direct Benefit Transfer (DBT).
- (xli) **All guidelines of Project Tiger Schemes are followed by concerned tiger reserve and Expenditure Evaluation Report on the expenditure incurred viz. proposed activities and result achieved may be furnished before release of 2nd installment.**
- (xlii) **The gate -money collected is made fully available to Tiger Foundation of the Tiger Reserve/ Protected Area/ National Park/Sanctuary by State Government as per rule and past years dues are paid by 30th September.**

4. 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 23.6.1965.

5. The payment sanctioned above is subject to the adjustment on the basis of the audited figures of expenditure. Other 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.

6. 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.

7. 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.

8. The expenditure incurred is adjustable to the Demand No. 25 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2021-22:

Scheme	Budget Head	Amount (Rs. In lakhs)
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	77.17
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	11.03
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	22.06
Total		110.26

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 160066/SS&FA (PG) dated 16.07.2021.

Yours faithfully,



(Rajendra G. Garawad)
Deputy Inspector General of Forests (PT)
Tel. No. +91 11 2436 7837-39
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Copy to:-

1. 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 2021-22 may kindly be furnished to this Ministry at the earliest.
2. The Secretary (Finance), Govt. of Tamil Nadu.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Tamil Nadu.
4. The IGF, NTCA RO, Bengaluru.
5. The Field Director, Sathyamangalam Tiger Reserve, Tamil Nadu.
6. The Accountant General, Tamil Nadu.
7. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.



Annual Plan of Operation - Sathyamangalam Tiger Reserve Erode, under Centrally Sponsored Scheme - Project Tiger for 2021-2022

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1) Annual Plan of Operation - Project Tiger - 2021-22													
Non-Recurring (NR)													
Core													
A-2	Construction of Anti-poaching camp building for functional antipoaching camp Solar with EPT facilities in Core Zone in Hasanur Division	16.2.1.1	10.3	Thalavady Range- 1 No Neithalapuram North Beat N 11.68143 E 77.02648 Ele.860 m	1	1	2.76	2.760	Thalavady Range - 1 No Neithalapuram North Beat N 11.69669 E 77.03163 Jeerahalli Range - 1 No Thiginarai South Beat N 11.68759 E 76.96821 Germalam Range - 1No Boothalapuram Beat N 11.742722 E 77.263226	1 Nos	1,200,000	12.00	Creation of an Anti poaching shed to strengthens to monitor the movement of wildlife, as well as also helps to prevent any encroachments Hence anti poaching camp is essential for monitoring animal movements and people movements.
A-3	Purchase of camera traps with memory cards in Hasanur Division	16.7	9.2.1.3		100		20.00			50 Nos	22,000	11.00	Newly formed Sathyamangalam Tiger Reserve has only minimum No's of camera traps which is in-sufficient to conduct phase IV monitoring in 777 grids in single instance and does not have enough camera trapps for the same. hence camera traps are required. similarly for conducting camera trap excersices annually batteries for camera traps are required. Hence this may be proposed.
A-4	Purchase of memory cards for camera traps in Hasanur Division	16.7	9.2.1.3							500 Nos	500	2.50	It is essential for recording for monitoring of works

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
A-5	Purchase of Power banks for m-stripe mobiles in Hasanur Division	16.7	9.1		35	20	1.05	0.30		10 Nos	1,000	0.10	It is essential for backup batteries
A-6	Erection of awareness steel boards in roads, bus stands, tourist places and all important places in Hasanur Division	16.17.1	10.3.2		7		1.05			4 Nos	15,000	0.60	It is proposed to create permanent awareness creation among the publics.
A-7	Formation of Fire line of 3 m width for prevention of extending fire to adjacent areas in Hasanur Division	16.2.6	10.4.5	<u>Sathyamangalam Range</u> N11.58009 E77.19352 <u>Bhavanisagar Range</u> N11.51223 E77.05174 <u>Vilamundy Range</u> N11.42015 E77.13570 <u>T.N Palayam Range</u> N11.52625 E77.33081 <u>Kadambur Range</u> N11.70279 E77.24133 <u>Talamalai Range</u> N11.60619 E76.99801	310		22.646		Hasanur Range - 27Kms N11.687707 E077.125403 N11.742109 E077.115105 N11.746979 E077.125996 N11.766880 E077.115321 N11.704009 E077.121080 N11.714784 E077.0680850 N11.743624 E077.120829 N11.744586 E077.111990 N11.71895E077.11535 N11.74435 E077.11926 N11.67701 E077.12510 N11.70407 E077.12121 Germalam Range - 27Kms N11.745703 E77.315036 N11.719175 E77.31959 N11.74478° E077.17929°1377 N11.77282°E077.16772°1239 N11.77282° E077.16772°1239 N11.77778° E077.1212017°1217	100 km	8,035	8.04	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 STR. Hence, 100 km of fire line is proposed in previous fire vulnerable areas. Remaining GPS N11.44093° E077.08530°1214 N11.44093°E077.08530°1214 N11.77778° E077.1212017°1217 N11.43841° E077.08884°1236. N11.68764 E077.17260 N11.69274 E077.17615 Jeerahalli Range-20Kms N11.658529 E76.926946 N11.67734 E76.90863 N11.68523 E76.87537 N11.66041 E76.87561 N11.680881 E076.950532 N11.651860 E76.865214 N11.636478 E76.855927 Thalavady Range -26Kms N11.71444 E77.07015 N11.72961, E77.05194 N11.72913 E77.05151 N11.71920, E77.05784 N11.71444, E77.07015 N11.69577, E77.03011 N11.71354, E77.03011 N11.66935, E77.01974 N11.787237 E077.048127 N11.780851 E77.068196 N11.65545 E76.99569 N11.66216 E77.03227 N11.64684 E76.98271
	Sub total (Non Recurring Core)											34.24	



Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		Physical			Financial		GPS / Location	(Physical target)	Unit Price in Rs.	Amount (Financial Target)			
		CSS PT Guidelines	TCP	GPS / Location	Target	Acheivement					Target	Acheivemen t in Rs. Lakhs	
Buffer Zone													
B-3	Construction percolation ponds in Sathy Division.	16.2.5	7.2.1.1.3						<u>Bhavanisagar Range</u> Sellamarakuttai in Pirkadavu Beat N. 11.52422 E077.03715 <u>Sathyamangalam Range</u> Bellary Kovil Saragam, Dhimbam Beat N 11.60101 E 77.13988	1 No	600,000	6.00	Percolation pond is proposed in order to store rain water during rainy season and helps in maintaining the availability of water to wild life through out the year. Hence proposed.
B-4	Procurement of m-stripes mobiles with power bank for newly formed beats & sections in Sathy Division	16.7	9.1		60		4.800		Nil	30 Nos	10,000	3.00	new mobile phones are very mcuh essential to do M-stripes patrolling in the tiger reserve. Power banks area also essential to ensure the m-stripes mobile functions continuously.
B-5	Purchase of camera traps with memory cards in Sathy Division	16.7	9.2.1.3		100		20.00			50 Nos	22,000	11.00	Newly formed Sathyamangalam Tiger Reserve has only minimum No's of camera traps which is in-sufficient to conduct phase IV monitoring in 777 grids in single instance and does not have enough camera trapps for the same. hence camera traps are required. similarly for conducting camera trap excersices annually batteries for camera traps are required. Hence this may be proposed.
B-6	Purchase of memory cards for camera traps in Sathy Division	16.7	9.2.1.3							200 Nos	500	1.00	It is essential for recording for monitoring of works
B-7	Procuring thermal camera for monitoring wildlife in Sathy Division	16.7	10.3							5 Nos	80,000	4.00	Thermal cameras will be useful to monitor movement of animals and to enhance protection.

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
B-8	Erection of awareness steel boards in roads, bus stands, tourist places and all important places in Sathy Division	16.17.1	10.3.2		7		1.05			10 Nos	15,000	1.50	It is proposed to create permanent awareness creation among the publics.
B-9	Procurement Bolero Camper vehicle for effective patrolling and watering to newly formed range of Kadambur Range against TN 09 G 1972 (GO MS No.(D) 40 E&F Forest FR 11 Dept. dated.10.03.20) Condemned vehicle in Sathyamangalam Division.	16.2.8	7.22		1		8.000		Sathyamangalam Range Against TN 33 G 0293 (Director, Motor Vehicle Manitenance Dept., C.No. H1 / 02449/ 2020 dated 13.03.2020) Condemned vehicle	1 No	1,500,000	15.00	The Sathyamangalam Division boundaries lies between plain and hills. Due to insufficient numbers of patrolling vehicles, the effective monitoring and patrolling is difficult to carry. This area is highly prone to human animal conflict. Anti depredation team has to move in Camper for effectively addressing conflict. The same vehicle can be also used for watering to troughs in dry season. Hence it may be accepted considering the field condition.
B-10	Construction check dams in Sathy Division	16.2.5	7.2.1.1						Kadambur Range 1)Vegaimara depo Kodikal at Kadambur west beat N 11.63816 E 77.30482 2)Oruthikombai Kodikal at Koothampalayam beat N11.76968 E77.40857 3)Kalvarathi pallam at Koothampalayam beat N11.72756 E 77.41410 4)Pasu oruthi kovil saragam at Makkampalayam beat N11.72660 E77.38572	2 Nos	500,000	10.00	To recharge Ground water, to control soil erosion and also to provide water to wild animals during drought conditions. Hence it is proposed.

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
B-11	Construction of percolation ponds in Sathy Division	16.2.11	7.2.1.1						Kadambur Range 1) Mathaiyan Kovil Saragam, Kadambur west beat N 11.62851 E 77.31833 2) Karaiveethi saragam, Veppamarakodikal at Ekkathur beat N 11.67811 E 77.23746 3) Mamarathu Pallam saragam at Anaikarai beat N 11.69698 E 77.26893 4) Kalkuthi saragam at Arigiyam beat N 11.707330 E 77.32290 5) Bomrayan kovil odai at Gundri beat N 11.63222 E 77.42730 6) Kembarai Saragam at Periya Gundri beat N 11.64031 E 77.39836 Sathyamangalam Range	6 Nos	600,000	36.00	Percolation pond is proposed in order to store rain water during rainy season and helps in maintaining the availability of water to wild life through out the year. Hence proposed. <u>Remaining GPS</u> 7) Kandasaran kuttai, Vadavalli beat N 11.58248 E077.15237 8) Purusan Kuttai Kodikal, Vadavalli beat N 11.59204 E077.18904 9) Kokuvarai edge, Chikkarasampalayam beat N 11.61001 E 77.16080 10) Molaperumal Kovil Saragam, Chikkarasampalayam beat N 11.58866 E 77.20187 11) Kundiveli Saragam, K.D.N. Palayam beat N 11.62202 E 77.26110 12) Kakarai mariamman Kovil Saragam, K.D.N.Palayam Beat N 11.63505 E 77.23513 Bhavanisagar Range 13) Orambhu kodikal, Kothamangalam beat N 11.54410 E 77.10113
B-12	Formation of fire watch tower at Fire vulnerable locations in Sathy Division	16.2.4	7.2.2.1.1.4						Kadamubr Range 1) Bandri Kuttai at Anaikarai beat N 11.704241 E 77.30624 Sathyamangalam Range 2) Kambathrayankirikal Thadam K.D.N.Palayam Beat N 11.60566 E 77.27657	1 No	600,000	6.00	It is essential to deploy fire watchers in fire watch towers for early detection of fire and temporary halting location to reach the spot of fire at the earliest for extinguishing

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
B-13	Construction of Toilet Complex in Range office Campus in T.N.Palayam Range and Sathyamangalam Range in Sathy Division	16.2.1	7.2.1.4						T.N.Palayam Range. N 11.50414 E 77.40542 Sathyamangalam Range N 11.49846 E 77.242876	2 Nos	200,000	4.00	The Range office toilet facility for staff usage and visitors have to be improved. And additionl toilet facility has to be created for female staffs as well as existing toilet has to be improved. Hence, it is proposed.
B-14	Formation of Elephant proof trenches in Sathy Division	16.10.1.1	5.4						Kadambur Range 1) Power Line Saragam to Eruttipalayam Main road at kadambur west Beat- 1 Km Start N11.69911 E 77.25887 End N11.69763 E 77.26462 2) Kongadai kalthadam to Vengaimarathu dippo at Kujjampalayam beat- 2 Km Start N 11.68324 E 77.41374 End N 11.64813 E 77.40670 Sathyamangalam Range 3) Rayan Thottam Bengapathy Kovil Valithadam to Puliyamara Kodikal Pallam	7 Kms	550,000	38.50	During summer seasons the wild elephants come out of RF in search for 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. For preventing conflict situation in adjoining villages. <u>Remaining GPS :</u> Chikkarasampalayam beat- 1 Km Start N 11.58185 E 77.19704 End N 11.57448 E 77.18926 T.N.Palayam Range K.N Palayam Checkpost to Adimathaiyan Kovil- 5Km Start N 11.54153 E 77.31054 End N 11.53081 E 77.31795 Adimathaiyan Kovil To Bio Compost, Vllankombai beat-5Km Start N 11.56776 E 77.36908 End N 11.54160 E 77.31049

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
B-15	Formation of Chain link fence around the existing Range office building in Sathyamangalam Division	13.1.2	7.2.1.4	Vilamundy Range Nalroad N11.44068 E77.14605	1		2.000		<u>Talamalai Range</u> N 11.61661 E 77.00567	86 meter	2500/ meter	2.15	There is no protection wall or fencing around the office building in Talamalai Range. Wild boars, elephants spotted deers used to enter range premises. Hence this proposed.
B-16	Formation of Fire line of 3 m width for prevention of extending fire to adjacent areas in Talamalai (40 km), Bhavanisagar (20 km), Vilamundi (20) TN Palayam (20) , Kadambur (30) and Sathyamangalam (30 km) Ranges in Sathy Division	16.2.6	10.4.5	<u>Sathyamangalam Range</u> N11.58009 E77.19352 <u>Bhavanisagar Range</u> N11.51223 E77.05174 <u>Vilamundy Range</u> N11.42015 E77.13570 <u>T.N Palayam Range</u> N11.52625 E77.33081 <u>Kadambur Range</u> N11.70279 E77.24133 <u>Talamalai Range</u> N11.60619 E76.99801	310		22.646		<u>Sathyamangalam Range</u> N11.58009 E77.19352 <u>Bhavanisagar Range</u> N11.51223 E77.05174 <u>Vilamundy Range</u> N11.42015 E77.13570 <u>T.N Palayam Range</u> N11.52625 E77.33081 <u>Kadambur Range</u> N11.70279 E77.24133 <u>Talamalai Range</u> N11.60619 E76.99801	160 km	8,035	12.86	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 STR. Hence, 220 km of fire line is proposed in previous fire vulnerable areas.
B-17	Equipping anti poaching camps with basic furniture, vessels, etc in Sathy Division	16.1.2	10.3						sathyamangalam division	8 Nos	20,000	1.60	Basic facilities are essential for the proper functioning of camps.
	Sub total (Non Recurring Buffer)											152.61	

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
Tiger Bearing areas													
C-2	Erection of Awareness Boards in Erode Division	11.4.1	As per working plan							20 Nos	10,000	2.00	Erecting the Awareness boards at vantage points to create awareness among the public towards Tiger and Bio-diversity conservation.
	Sub total Non Recurring Tiger Bearing											2.00	
	Total Non Recurring (Core + Buffer + Tiger Bearing)											188.84	
Recurring (R)													
Core Zone													
D-1	Engaging Anti Poaching Watchers for 6 APCs located in strategic locations in Hasanur Division	16.1.2	4.3		99	99	148.50	127.326	Hasanur Division	99 Nos	12,500	148.50	99 APWs are been continuously engaged in Hasanur Division and being utilized for protection related activities (Patrolling, Staying in APCs, etc.) As per G.O. Ms. 89, Environment & Forests (FR2 / II) Department, Dated: 04.09.2019 APWs consolidated wages has been raised from Rs. 10000/- to Rs. 12,500/ month.
D-2	Engaging Anti Depredation Watchers to address Human - Wildlife conflict in Hasanur Division	16.1.15	7.2.2	Core Zone area of Sathyamangalam Tiger Reserve	5.00	5.00	6.00	5.93	Hasanur Division	4 Nos	12,500	6.00	The human wildlife conflict in two Ranges of Hasanur Division are very high due to migrating elephants which causes depredation in village farm lands adjoining forest boundaries. Hence local youth will be engaged to drive back the animals into the forest.
D-3	Engaging Drivers for Anti Depredation Squad Vehicle of Hasanur Division	16.1.15	7.2.2	Core Zone area of Sathyamangalam Tiger Reserve					Hasanur Division	2 Nos	12,500	3.00	For two ADS Vechicles in Hasanur Division.
D-4	Engaging Biologist in Hasanur Division.	16.7.2	7.2.1.4		1	1	3.00	3.000	Hasanur Division	1 No	26,250	3.15	For contiuous monitoring of field studies, camera trap studies, m-stripe patrolling, 8 days protocol and data analysis.

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
D-5	Engaging computer operator cum data analyst for M-stripes patrolling in Hasanur Division	16.7	7.2.1.4		3	2.5	5.400	4.142		1 No	14,800	1.78	Engaging computer operator cum data analyst is essential for M-stripes patrolling
D-6	Engaging ECO Sanitary watchers for maintaining hygiene in and around temple areas in Hasanur Division	16.10.1.5	7.2.1.4		12	12	12.96	12.697		4 Nos	10,000	4.80	Eco-sanitary Watchers are engaged in places of pilgrim & tourist movement areas. They are employed for keeping the forest area clean, removing of solid waste, plastic garbage's & for checking pilgrims movement
D-7	Engaging ECO tone watchers for monitoring cattle kill, retaliatory poisoning, conflict data, cattle population and other required data at the rate of Rs. 16,500/- consolidated wages per month for each in Hasanur Division	16.10.1.1	7.2.1.4		2	2	3.960	3.945		1 No	16,500	1.98	Eco-tone watchers is employed in Hasanur Division to monitor cattle kill, conflict & other fringe data from villages for monitoring purpose.
D-8	Engaging temporary drivers on monthly wages for water supply vehicles to anti poaching camps in Hasanur Division	16.1.9	7.2.1.4		1	1	2.040	1.370		1 No	14,750	1.77	It is essential to engage temporary drivers for existing water supply vehicle in Hasanur Division.
D-9	Engaging mazdoors for fire fighting operations in all Ranges in Hasanur Division	16.2.6	10.4.3		2350		10.800		Nil	1200 mds	460	5.52	It is essential to mobilize local people for extinguishing fire in contiguous large patch of forest to control Forest fire.
D-10	Clearing of transact lines in Hasanur Division	16.7	7.2.2.2		76	76	3.040	3.040		30 km	4,000	3.04	This is required as per monitoring protocol of NTCA.

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
D-11	Supply of ration to front line staff and APWs staying in remote locations (Anti Poaching Camps) in Hasanur Division	16.16	10.3		213	213	21.982	15.741		64 Nos	860	6.60	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 Field Staff and below, working on regular payrolls at field level in Tiger Reserves @ Rs.860/- per month to 8 APC and frontline staff.
D-12	Refilling charges for LPG connections provided in APCs functioning with in Hasanur Division.	16.16.2	10.3.2		25	25	2.400	1.230		25 Nos	900	2.70	It is essential for putting APCs to regular use in protection.
D-13	Payment of compensation for crop depredation, human death, cattle lifting, human injury and property damage in Hasanur Division	16.4.1	5.4.1		LS	LS	5.78	5.780		LS	1,250,000	6.50	Payment for Human-Animal conflict is time bound and immediate relief for human death and cattle lifting issues are to be paid at once. Crop raids occur in routine basis and claims are to be settled in stipulated period. Hence amount required is essential.
D-14	Maintenance and additional fuel for vehicles of FD, DDs & FROs used for patrolling and antipoaching activites in Hasanur Division	16.2.8	10.3		16		5.600			LS	LS	10.00	All the vehicles of Sathyamangalam Tiger Reserve 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 litters is sanctioned from Government. Hence, maintenance and additional fuel expenditure is essential.

SI.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
D15	Fuel charges for water supply vehicle to anti-poaching camps in Hasanur Division	16.2.8	10.3.2		2		5.040			2 Nos	171,000	3.42	About 150 liters of fuel (at an average rate of Rs. 95/liter) is required as running cost towards 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 utilized for summer watering into few temporary water troughs during pinch period.
D-16	Fuel charges for antidepredation vehicles in Hasanur Division	16.2.8	10.3		5		12.600			2 Nos	171,000	3.42	Enhancing the protection of Forests for patrolling
D-17	Maintenance charges to watering and antipoaching vehicles (2019-20 Works) in Hasanur Division	16.2.8	10.3.2		2		0.420			4 Nos	20,000	0.80	Annual maintenance is essential for better utilization
D-18	Maintenance of existing anti-poaching camps includes repairing works in Hasanur Division	16.1.3	10.3.2	Sathyamangalam Range Karumalai N 11.549550 E 77.11496	2		4.000			4 Nos	100,000	4.00	These Anti-Poaching camps are is located deep inside core area of Sathyamangalam Tiger Reserve. Lighting and water facility has to be improved by doing some maintenenance. Hence proposed.
D-19	Engaging computer operators for all ranges. (Including Forest protection squad and Eco Range) and data entry operator Deputy Directors offices in Hasanur Division	16.1.9	7.2.1.4		14	14	25.200	18.732		6 Nos	16,500	11.88	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.

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
D-20	Control Burning activities around Eucalyptus plantation to prevent uncontrollable fire during fire season in Germalam Range in Hasanur Division	16.2.20	10.4.3	<u>Germalam Range</u> N 11.68764 E 77.17260 Ele 1230m N 11.69480 E 77.17250 Ele 1314m N 11.69274 E 77.17615 Ele.1270m N 11.75946 E 77.21020 Ele 1198 N 11.76347 E 77.21063 Ele 1186m N 11.78425 E 77.2283 Ele 1144m	1		4.000		<u>Germalam Range</u> N 11.68764 E 77.17260 N 11.69480 E 77.17250 N 11.69274 E 77.17615 N 11.75946 E 77.21020 N 11.76347 E 77.21063 N 11.78425 E 77.2283	1 No	200,000	2.00	Eucalyptus plantation along roadside in germalam has became a fire hazard in recent times.During summer eucalyptus leaves easily prone to fires and acts as fuel thereby spreading fire rapidly in a short time over a large area and becomes un controllable due to continuous patch of plantations.
	Sub total - Recurring Core zone											230.86	

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
Buffer Zone													
E-1	Engaging Anti-poaching watchers for strategic locations in Sathyamangalam Division	16.1.2	4.3		129	129	193.50	127.326	Sathy Division	120 Nos	12,500	180.00	120 APWs are been continuously engaged in Sathyamangalam Division and being utilized for protection related activities (Patrolling, Staying in APCs, etc.) As per G.O. Ms. 89, Environment & Forests (FR2 / II) Department, Dated: 04.09.2019 APWs consolidated wages has been raised from Rs. 10000/- to Rs. 12,500/ month.
E-2	Engaging Anti Depredation Watchers to address man animal conflict in fringe areas of Bhavanisagar and Vilamundy high conflict zones throughout the year in Sathyamangalam Division	16.1.15	7.2.2	Core Zone area of Sathyamangalam Tiger Reserve	5.00	0.42	6.00	5.93	Sathy Division	5 Nos	12,500	7.50	The human wildlife conflict in two Ranges of Sathyamangalam Division are very high due to migrating elephants which causes depredation in village farm lands adjoining forest boundaries. Hence local youth will be engaged to drive back the animals into the forest.
E-3	Clearing of transact lines in Sathyamangalam Division	16.7	7.2.2.2		76	76	3.040	3.040		46 km	4,000	3.04	This is required as per monitoring protocol of NTCA.
E-4	Engaging Biologist in Sathyamangalam Division	16.7.2	7.2.1.4		1	1	3.696	3.696		1 No	30,800	3.70	For contiuous monitoring of field studies, camera trap studies, m-stripe patrolling, 8 days protocol and data analysis.
E-5	Engaging computer operator cum data analyst for Tiger Monitoring Cell in Sathyamangalam Division	16.7	7.2.1.4							1 No	16,500	1.98	This is essential for continuous montioring of M Stripes patrolling data and other monitoring protocols.
E-6	Engaging ECO Sanitary watchers for maintain hygiene in and around reserve and temple areas in all ranges including ECO range in Sathyamangalam Division	16.10.1.5	7.2.1.4		12	12	12.96	12.697		3 Nos	10,000	3.60	Eco-sanitary Watchers are engaged in places of pilgrim & tourist movement areas. They are employed for keeping the forest area clean, removing of solid waste, plastic garbages & for checking pilgrims movement

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
E-7	Engaging ECO tone watchers for monitoring cattle kill, retaliate poisoning, conflict data, cattle population and other required data at the rate of Rs. 16,500/- consolidated wages per month for each in Sathyamangalam Division	16.10.1.1	7.2.1.4		2	2	3.960	3.945		1 No	16,500	1.98	Eco-tone watchers is employed in Sathyamangalam Division to monitor cattle kill, conflict & other fringe data from villages for monitoring purpose.
E-8	Payment of Project Allowance for the year 2021-22 for Sathyamangalam Tiger Reserve, Erode in Sathyamangalam Division	16.15	8.5.2		LS	LS	27.49	16.657		LS	17	16.92	As per guidelines of NTCA project allowance is paid to all permanent staff as per the rates specified.
E-9	Supply of ration to front line staff and APWs staying in remote locations in Sathyamangalam Division	16.16	10.3		213	213	21.982	15.741		35 Nos	860	3.61	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 Field Staff and below, working on regular payrolls at field level in Tiger Reserves @ Rs.860/- per month to 8 APC and frontline staff.
E-10	Refilling charges for LPG connections provided APCs functioning with in Tiger Reserve in Sathyamangalam Division	16.16.2	10.3.2		25	25	2.400	1.230		21 Nos	900	2.27	It is essential for putting APCs to regular use in protection.

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
E-11	Providing of field gear, boots, blankets etc., to anti-poaching watchers in 13 antipoaching camps functioning in buffer within Tiger Reserve and part of sanctuary in Sathyamangalam Division	16.1.15	13.2							78 Nos	6,000	4.68	It is essential to provide uniform and accessories to anti poaching watchers regularly every year.
E-12	Purchase of Computer accessories cum stationaries with essential software's in buffer zone offices in Sathyamangalam Division	16.2.10	13.2		6	1	1.5	0.250		5 Nos	25,000	1.25	The Range offices Sathyamangalam, T. N. Palayam, Vilamundi, Kadambur and Eco-Range in Buffer zone needs essential funding for maintenance of computers, accessories and stationaries for effective office functioning. Hence, essential.
E-13	Supply of ration to front line staff and APWs staying in 13 APCs of Buffer zone with in Tiger Reserve in Sathyamangalam Division	16.16	13.2		133	55	19.152	9.245		72 Nos	860	7.43	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 Field staff and below, working on regular payrolls at field level in Tiger Reserves @ Rs. 860/- per month to 78 APWs and 72 front line staffs in 13 APCs of Buffer zone camps with in Tiger Reserve.
E-14	Payment of compensation for crop depredation, human death, cattle lifting, human injury and property damage in Sathyamangalam Division	16.4.1	5.4.1		LS	LS	5.78	5.780		LS	1,250,000	2.50	Payment for Human-Animal conflict is time bound and immediate relief for human death and cattle lifting issues are to be paid at once. Crop raids occur in routine basis and claims are to be settled in stipulated period. Hence amount required is essential.

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
E-15	Conducting immunization camp in and around fringe villages in all Ranges of Tiger Reserve area / sanctuary in Sathyamangalam Division	4.5.1	11.5.3		18		1.8			10 Nos	10,000	1.00	Sathyamangalam Tiger Reserve is a human dominated landscape having more than 30 hamlets within the Tiger Reserve and more than 100 fringe villages. Vaccinating cattle from these villages is essential to prevent spread of epidemics to wild animals in co-ordination with Animal Husbandry department twice in a year.(Bi-Annual Routine)
E-16	Feed and maintenance charges for sniffer dog in Sathyamangalam Division	16.1.2	13.5		1	1	2.160	2.160	Nil	1 No	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 offenses 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 Trainig Institute, TekanPur, Madhya Pradhesh.
E-17	Maintenance and additional fuel for vehicles of FD, DDs & FROs used for patrolling and antipoaching activites in Sathyamangalam Division	16.2.8	10.3		16		5.600			LS	35,000	3.50	All the vehicles of Sathyamangalam Tiger Reserve 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 litters is sanctioned from Government. Hence, maintenance and additional fuel expenditure is essential.
E-18	Engaging temporary drivers on monthly wages for water supply vehicles to anti poaching camps in Sathyamangalam Division	16.1.9	7.2.1.4		1	1	2.040	1.370		1 No	14,750	1.77	For existing water supply vehicle and anti-depredation vehicles in Sathyamangalam Division .
E-19	Engaging temporary drivers on monthly wages for Anti Depredation vehicles in Sathyamangalam Division	16.1.9	7.2.1.4							4 Nos	14,750	7.08	Engaging temporary drivers on monthly wages for Anti Depredation vehicles is essential for field work

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
E-20	Fuel charges for water supply vehicle to anti-poaching camps in Sathyamangalam Division	16.2.8	10.3.2		2		5.040			1 No	171,000	1.71	About 150 litters of fuel (at an average rate of Rs. 95/liter) is required as running cost towards 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 utilized for summer watering into few temporary water troughs during pinch period.
E-21	Fuel charges for antidepredation vehicles in Sathyamangalam Division	16.2.8	10.3		5		12.600			3 Nos	171,000	5.13	Enhancing the protection of Forests for patrolling
E-22	Fuel and maintenance charges for motor boat in Sathyamangalam Division	16.2.8	10.3		1		0.250		Vilamundy Range - 1	1 Nos	75,000	0.75	In Vilamundy Range 2 beats Patramangalam and Singamalai are located at highly inaccessible area. For reaching this beats staffs have to cross Bhavanaisagar reservoir in a motor boat. Hence fuel for motor boat is proposed.
E-23	Engaging mazdoors for fire fighting operations in all Ranges of Sathyamangalam Division	16.2.6	10.4.3		2350		10.800		Nil	1350 mds	460	6.21	It is essential to mobilize local people for extinguishing fire in contiguous large patch of forest to minimize fire burnt area in each fire occurrence.
E-24	Maintenance of existing anti-poaching camps includes repairing works in Sathyamangalam Division	16.1.3	10.3.2	Sathyamangalam Range Karumalai N 11.549550 E 77.11496	2		4.000		Bhavanisagar Range 1) Thengumarahada APC N 11.57423 E 76.91817 2) Mangalapatti APC N 11.58790 E 76.84822 3) Dhottakombai APC N 11.54666 E 77.05509 Vilamundi Range 4) Uppupallam APC N 11.47307 E 077.04833	4 Nos	100,000	4.00	These Anti-Poaching camps are is located deep inside core area of Sathyamangalam Tiger Reserve. Lighting and water facility has to be improved by doing some maintenence. Hence proposed.
E-25	Engaging computer operators for all ranges. (Including Forest protection squad and Eco Range) and data entry operator Deputy Directors offices in Sathy Division	16.1.9	7.2.1.4		14	14	25.200	18.732		9 Nos	16,500	17.82	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.

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
					Physical		Financial						
		CSS PT Guidelines	TCP	GPS / Location	Target	Acheivement	Target	Acheivemen t in Rs. Lakhs	GPS / Location	(Physical target)	Unit Price in Rs.	Amount (Financial Target)	
E-26	Maintenance & Repair of existing Bore well in Sathyamangalam Division	-	7.2.1.1						<u>Sathyamangalam Range</u> 1) Peekiripalayam Beat, Perumal Kovil valithatam N 11.58675 E 77.63618 <u>Kadambur Range</u> 2) 12th Mail saragam, kadambur West Beat N 11.63409 E 77.31670 3) Kurumbur Pirivu, Kovilur Beat N 11.68374 E 77.35094	3 Nos	150,000	4.50	The existing Bore well are damaged and are not working properly. Such bore well should be maintained regularly for providing continuous water facilities.
Sub total - Recurring Buffer zone												296.33	

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
Tiger Bearing Areas													
F-2	Engaging Fire Watchers (in mandays) in Erode Division	16.2.19	As per working plan		860	860 MD	3.960	0.00		860 mds	442	3.80	The Forest of Erode Forest Division are prone to fires due to long summer coupled with inadequate monsoon showers and anthropogenic interferences. Hence fire watchers are to be engaged for manning the fire watch towers and to ensure fire prevention, provide early detection of fire incidences and assistance during fire fighting operations. (Rate proposed as per Forest Schedule of rates 2020-21) <u>(The item was sanctioned for an amount of Rs.3,96,000/- (860 MD) during 2020-21)</u>
F-3	Engaging Anti-poaching watchers in tiger bearing ranges in Erode Division	16.1.2	As per working plan		76 Nos	76 nos	114.000	75.25		76 Nos x 12 Months	12,500	114.00	At present 76 Nos of APW's are being engaged in forest areas of Erode Division under Project Tiger scheme. Hence the proposal is meant for continued employment of their services during 2021-22. They are regularly working at consolidated wages payment for a month by staying in camps and patrolling surrounding beat areas to strengthen protection and assist the staff in effective MSTRiPES monitoring. <u>(The item was sanctioned for an amount of Rs 1,14,00,000/- during 2020-21)</u>
F-4	Additional Fuel and maintenance charges for the departmental jeeps used in forest protection in Erode Division	16.2.8	As per working plan		1	-	0.750	0.00		LS	1	0.50	It is essential for maintaining the departmental jeeps in good condition. Hence, the item is proposed for departmental jeeps used in protection activities. <u>(The item was sanctioned for an amount of Rs 75,000/- during 2020-21. However, expenditure was not incurred for want of funds)</u>
F-5	Maintenance of existing traping cages for carnivores and other menaceful wild animals in Erode Division	16.4.4	As per working plan							Ls	50,000	0.50	Trapping cages are regularly put to use for rescue and release of wild animals in distress and for safe handling and transport of problematic wild animals. The provision is sought for maintenance and upkeep of the cages.
	Sub total - Recurring Tiger Bearing area											118.80	

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	Amount (Financial Target)	
	Recurring (Core + Buffer + Tiger Bearing area) Total											645.99	
	Total for APO 2021-22											834.83	
2) Spill over works (Payment pending)													
Non -Recurring (NR)													
Core Zone													
A-1	Formation of Fire line of 3 m width for prevention of extending fire to adjacent areas in Hasanur Division	16.2.6	10.4.5		310		22.646			120 km		1.46	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
Buffer Zone													
B-1	Construction of Forest Guard cum Forest Watcher Combined Quarters (2019-2020) works in Sathy Division	16.2.1	13.4.1.1		2	2	11.61	7.910		1 No		3.70	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
B-2	Engaging computer operator cum data analyst for M-stripes patrolling in Sathy Division	16.7	7.2.1.4		3	2.5	5.400	4.142		1.5 No		0.30	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
B-3	Construction of floating Anti-poaching camp building for functional antipoaching camp at Sathyamangalam Division.	16.2.1	13.2		1		3.61	1.570		1 No		2.04	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
B-4	Construction of Forest Guard cum Forest Watcher Combined Quarters 2019-20 work in Sathy Division	16.2.1	7.2.1.4	Bannari, N 11.48897 E 77.11496	1		9.010	4.44		1 No		4.57	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
B-5	Engaging Anti-poaching watchers for APCs located in strategic locations in core in Sathy Division	16.1.2	4.3		129	129	193.50	127.326		30 Nos		7.60	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP	GPS / Location	Target	Acheivement	Target	Acheivemen t in Rs. Lakhs	GPS / Location	(Physical target)	Unit Price in Rs.	Amount (Financial Target)	
B-6	Formation of Fire line of 3 m width for prevention of extending fire to adjacent areas in Talamalai (40 km), Bhavanisagar (20 km), Vilamundi (20) TN Palayam (20) , Kadambur (30) and Sathyamangalam (30 km) Ranges in Sathy Division	16.2.6	10.4.5	<u>Sathyamangalam Range</u> N11.58009 E77.19352 <u>Bhavanisagar Range</u> N11.51223 E77.05174 <u>Vilamundy Range</u> N11.42015 E77.13570 <u>T.N Palayam Range</u> N11.52625 E77.33081 <u>Kadambur Range</u> N11.70279 E77.24133 <u>Talamalai Range</u> N11.60619 E76.99801	310		22.646			40 km		10.23	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
B-7	Formation of Fire line of 3 m width for prevention of extending fire to adjacent areas (2019-20 Works) in Sathy Division	16.2.6	10.4.5		26		1.898			26 km		1.90	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
Tiger Bearing Areas													
C-1	Formation of Fire watch tower in Erode Division	16.2.4	As per working plan	81	1 No	1 No	7.500	5.999		1 No		1.50	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
	Non Recurring (Core + Buffer + Tiger Bearing area) Total											33.30	
Recurring (R)													
Core Zone													
D-1	Conducting medical camps/employment camp etc. for tribal hamlets and fringe villages in co-ordination with line department and NGOs in Hasanur Divison	16.6.3	8.2.5		9		1.35			1 No		0.15	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
D-2	Conducting immunization camp in and around fringe villages in all Ranges of Tiger Reserve area / sanctuary in Hasanur Divison	4.5.1	11.5.3		18		1.8			6 Nos		0.60	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
D-3	Engaging Anti-poaching watchers for APCs located in strategic locations in Hasanur Divison	16.1.2	4.3		129	129	193.50	127.326		18 Nos		2.90	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
D-4	Maintenance and additional fuel for vehicles of FD, DDs & FROs used for patrolling and antipoaching activites in Hasanur Divison	16.2.8	10.3		6		2.100			6 Nos	LS	4.90	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
D-5	Engaging temporary drivers on monthly wages for 2 antidepredation vehicles for carrying elephants squad to drive back elephants into forest in Hasanur Divison	16.1.9	7.2.1.4		5	3	10.200	7.100		4 Nos	LS	1.67	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
D-6	Fuel charges for water supply vehicle to anti-poaching camps in Hasanur Divison	16.2.8	10.3.2		2		5.040			2 Nos		5.04	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
D-7	Maintenance Charges to watering and Antipoaching vehicles in Hasanur Divison	16.2.8	10.3.2		7		0.420			3 Nos		0.18	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
D-8	Maintenance charges to watering and antipoaching vehicles (2019-20 Works) in Hasanur Divison	16.2.8	10.3.2		2		0.420			1 No		0.18	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
D-9	Engaging mazdoors for fire fighting operations in all Ranges in Hasanur Divison	16.2.6	10.4.3		2350		10.800			675 mds		2.20	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
D-10	Maintenance & Repair of existing older check dams and percolation ponds in Hasanur Divison	16.2.5	7.2.1.1.3	(2019-20 Revalidation works) Talamalai Range Jalamara pallam N 11.60238 E 077.02326 Chinrasu kuttai N 11.63708 E 076.99786	14	12	7.100	4.500		3 Nos		2.60	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
D-11	Engaging computer operators for all ranges. (Including Forest protection squad and Eco Range) and data entry operator Deputy Directors offices in Hasanur Divison	16.1.9	7.2.1.4		14	14	25.200	18.732		6 Nos		3.86	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
D-12	Postmortem charges for safe disposal of carcass of larger mammals in Hasanur Divison		12.2.4.3.1		42		4.200			7 Nos	10,000	0.70	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
D-13	Engaging Anti-poaching watchers for APCs located in strategic locations of buffer zone which is inside the Tiger Reserve boundary and is also a part of Sanctuary in Hasanur Divison	16.1.2	13.1		96	69	144.000	103.714		81 Nos		16.22	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
D-14	Providing of field gear, boots, blankets etc., to anti-poaching watchers in 16 antipoaching camps functioning in buffer within Tiger Reserve and part of sanctuary in Hasanur Divison	16.1.15	13.2		96	78	5.28	4.290		18 Nos		0.99	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
D-15	Maintenance of natural water holes and percolation ponds by desilting and bund maintenance in Hasanur Divison	16.2.7	7.2.1.1		6	4	4.500	3.000		3 Nos	50,000	1.50	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
D-16	Engaging local youths and village volunteers along with vehicles for addressing man animal conflict in fringes in Hasanur Divison	16.4.6	7.2.2		487	56	2.041	0.234		1000 mds		1.18	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
					Physical		Financial						
		CSS PT Guidelines	TCP	GPS / Location	Target	Acheivement	Target	Acheivemen t in Rs. Lakhs	GPS / Location	(Physical target)	Unit Price in Rs.	Amount (Financial Target)	
D-17	Supply of 100 liters fuel per month and maintenance charges to existing anti-depredation vehicles in Hasanur Divison	16.1.9	7.2.2.		5		4.200			2 Nos		1.68	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
	Sub total - Recurring Core zone for Spill over											46.55	
Buffer Zone													
E-1	Supply of ration to front line staff and APWs staying in remote locations in Sathy Division	16.16	10.3		213	213	21.982	15.741		68 Nos		0.61	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
E-2	Supply of ration to front line staff and APWs staying in APCs of Buffer zone with in Tiger Reserve in Sathy Division	16.16	13.2		133	55	19.152	9.245		108 Nos	860	1.06	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
E-3	Engaging temporary drivers on monthly wages for 2 antidepredation vehicles for carrying elephants squad to drive back elephants into forest in Sathy Division	16.1.9	7.2.1.4		5	3	10.200	7.100		1 No	LS	0.75	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
E-4	Fuel charges for water supply vehicle to anti-poaching camps (2019-2020) in Sathy Division	16.1.24	10.3.2		2		2.750			2 Nos		2.18	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
E-5	Fuel charges for antidepredation vehicles in Sathy Division	16.2.8	10.3		5		12.600			5 Nos		12.60	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
E-6	Fuel and maintenance charges for motor boat in Sathy Division	16.2.8	10.3		1		0.250			1 No		0.25	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
E-7	Maintenance Charges to watering and Antipoaching vehicles in Sathy Division	16.2.8	10.3.2		7		0.420			4 Nos		0.24	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
E-8	Engaging mazdoors for fire fighting operations in all Ranges in Sathy Division	16.2.6	10.4.3		2350		10.800			1675 mds		8.61	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
E-9	Improvement & repairs to Forest Range officer quarters in Sathyamangalam Division	16.2.1	13.4.1.1	T.N.Palayam Range N 11.504141 E 77.405420 Bhavanisagar Range N 11.47365 E 77.13257	2		3.000			2 Nos		3.00	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
E-10	Improvement & repairs to Forest Guard & Watcher combined quarters in Sathy Division	16.2.1.3	7.2.1.4		1		2.000			1 No		2.00	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
E-11	Engaging computer operators for all ranges. (Including Forest protection squad and Eco Range) and data entry operator Deputy Directors offices in Sathy Division	16.1.9	7.2.1.4		14	14	25.200	18.732		8 Nos		2.40	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
E-12	Establishment of Wildlife Intelligence & Crime Control Unit (WICCU) (2019-20 Works) in Sathy Division	7.1.1	10.5		1		1.680			1 No		0.18	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
E-13	Engaging Anti-poaching watchers for APCs located in strategic locations of buffer zone which is inside the Tiger Reserve boundary and is also a part of Sanctuary in Sathy Division	16.1.2	13.1		96	69	144.000	103.714		15 Nos		6.18	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
E-14	Improvement & repairs to Forest Guard & Watcher combined quarters in Buffer areas (2019-20 Works) in Sathy Division	16.2.1.3	7.2.1.4							1 No		2.00	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
E-15	Maintenance & Repair of existing Bore well in Sathyamangalam Division	16.2.13	7.2.1.1		2		1.000			2 Nos		1.00	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
E-16	Maintenance of Elephant proof trenches buffer area in Sathy Division	16.10.1.1	5.4	T.N Palayam Range (i) Bhagavathi Nagar (5 km) N 11.55882 E 077.44223 (i) Adi perumal Karadu, Bangalowpudu beat (5 km) N 11.53343 to 11.52815 E 77.41570 to 77.38774	20		15.000			5 Nos		3.75	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
E-17	Engaging local youths and village volunteers along with vehicles for addressing man animal conflict in fringes of Vilamundy, Bhavanisagar & Talawady, Jeerahalli high conflict zones from Oct to March @ 20days/month. (2019-20 works) in Sathy Division	16.4.6	7.2.2		487	56	2.041	0.234		1500 mds		1.95	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
	Sub total - Recurring Buffer zone for Spill over											48.77	
Tiger Bearing Areas													
F-1	Engaging Fire Watchers (in mandays) in Erode Division	16.2.19	As per working plan		860	860 MD	3.960	0.00		860 mds		3.96	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
F-2	Improvements and repair of existing water storage structures (2019-20) in Erode Division	16.2.13	As per working plan		1 No	1 No	3.000	0.00		1 No		3.00	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
F-3	Improvement of Anti-Poaching camp sheds (2019-20) in Erode Division	16.1.4	As per working plan		1 No	1 No	1.500	0.00		1 No		1.50	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
F-4	Fire line clearing @ Rs.5700/km (2019-20) in Erode Division	16.2.15	As per working plan		1	1 No	2.000	0.00		1 No		2.00	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
F-5	Exposure visit to front line staffs to the best managed Tiger Reserve (2019-20) in Erode Division	16.8.5	As per working plan		1 No	1 No	0.450	0.00		1 No		0.08	Work was approved as per Project Tiger APO (2019-2020 to 2020-2021). Payment is pending.
	Sub total - Recurring Tiger Bearing area for Spill over											10.54	

Sl.No	Item of Work	Para No		Location	Previous Year details (2020-2021)				Current Year proposal (2021-2022)				Justification
		CSS PT Guidelines	TCP		GPS / Location	Physical		Financial		GPS / Location	(Physical target)	Unit Price in Rs.	
				Target		Acheivement	Target	Acheivemen t in Rs. Lakhs					
	Spill over Total											139.16	
	Grand total (APO 2021-22 + Spill over)											973.99	

(Rs in lakhs)

SI No	Items	Sanction	Central Assistance
1	Non Recurring (60%)	188.84	113.30
2	Recurring (50%)	645.99	322.99
3	Spill over works of 2020-21 to be paid during FY 2021-22 (Non Recurring 60%)	33.30	19.98
4	Spill over works of 2020-21 to be paid during FY 2021-22 (Recurring 50%)	105.86	52.93
	Total	973.99	509.21

Cost of APO including State's share	A	973.99
Center's share in APO	B	509.21
1st release @50% of Center share	$C=0.5*B$	254.60
Less: Unspent balance FY 2020-21	D	144.341
Adjusted first release	$E=C-D$	110.26
2nd release @ 50% of Center share	$F=0.5*B$	254.60