

No. 4-1(31)/2019-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 28th June, 2019

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 Mudumalai Tiger Reserve, Tamil Nadu during 2019-20 –reg.**

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Mudumalai Tiger Reserve, Tamil Nadu at the cost of **Rs. 1027.39 Lakhs (Rupees One thousand Twenty Seven lakhs Thirty Nine thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 753.89 Lakhs (Rupees Seven hundred Fifty Three lakhs Eighty Nine 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. 352.84 lakhs (Rupees Three hundred Fifty Two lakhs Eighty Four thousand only)** as the 1st installment of Central Share towards the Grants-in-aid to Government of Tamil Nadu during the current financial year 2019-20. 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 **Mudumalai Tiger Reserve** under the Project Tiger Scheme are not higher than those applicable to similar

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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 **Mudumalai 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 **Mudumalai Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2020.
- (x) **Mudumalai 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 2019-20 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 **Mudumalai 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 **Mudumalai 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 (**Mudumalai 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.

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- (xxiii) Funds for POL / maintenance of vehicles would be admissible only for the vehicles purchased from CSS funds.
- (xxiv) Compensation for loss due to wildlife is to supplement the State Government fund as per the rules of State Government.
- (xxv) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.
- (xxvi) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- (xxvii) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxviii) In case of employment through contract, copy of PF & ESI contributions of employees shall be obtained wherever applicable.
- (xxix) 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.
- (xxx) 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.
- (xxxi) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- (xxxii) The sanction order must mention measurable physical parameters and all measurable parameters are to be adhered to.
- (xxxiii) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxxiv) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or C&AG.
- (xxxv) All guidelines under the project is to be followed scrupulously.
- (xxxvi) 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.
- (xxxvii) 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.
- (xxxviii) **All labour payments strictly by DBT.**

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 provisional and 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.

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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. 27 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2019-20 :

Scheme	Budget Head	Amount (Rs. in lakhs)
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	299.92
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	26.46
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	26.46
Total		352.84

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 123810/AS&FA (PG) dated 26.06.2019.

Yours faithfully,

Nishant Verma 28/6/19
(Nishant Verma)
Deputy Inspector General of Forests (PT)

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 2019-20 may kindly be furnished to this Ministry immediately.
2. The Secretary (Finance), Govt. of Tamil Nadu.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Tamil Nadu.
4. The Field Director, Mudumalai Tiger Reserve, Tamil Nadu.
5. The Accountant General, Tamil Nadu.
6. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
7. AIG, NTCA Regional Office, Bengaluru.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.

Nishant Verma 28/6/19
(Nishant Verma)
Deputy Inspector General of Forests (PT)

MUDUMALAI TIGER RESERVE, TAMIL NADU
ANNUAL PLAN OF OPERATION 2019-20

(Rs. in Lakhs)

Item of works	Para No. CCT-PT Guidelines	TCP Chapter/ Para No.	Previous Year Details (2018-19)				Current year proposal 2019-20			Justification
			Physical		Financial		Location / GPS co-ordinates	Physical target	Financial Target	
			Target	Achievement	Target	Achievement				
NON RECURRING										
CORE										
ANTIPOACHING ACTIVITIES										
Deployment of Tiger Protection Force (antipoaching squad)	10.1	10.2	2 Squads x 6 watchers	2 Squads in 9 months	12.997	12.220	...	1 Squads x 6 watchers per Squad 12 months @ Rs.10770/ each	7.754	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
Legal support for defending court cases including legal fees and other miscellaneous charges.	16.1.8	1.5	LS		2.500	1.700	...	LS	2.000	This provision is required for Payment of legal fees and misc. expenses towards conduct of court cases an vetting of the documents by the Govt. Pleader (Forests) such as relocation issues and other court cases.
Supply of field uniform and shoes to anti-poaching watchers	10.1	4.1	Core 75 Nos	75 Nos	3.750	3.747	...	Core 75 Nos @ Rs.5000/- each	3.750	There are 75 APW's engaged in this division as per sanction accorded by the Govt. For effective perambulation and safety of APW's uniform sets and shoes are required to be supplied to the APW's and to ensure their efficient working conditions.
Strengthening Anti-poaching camp including cooking and toilet facility facilities etc.,	16.1.3	4.1	1 No @ Rs.2.50 lakhs each		2.500	0.025	Aduppukutty N.11.582868 E.76.45769 Gugula Narathi N.11.617808 E.76.44206 Kelakolli N.11.566749 E.76.502697 Mayfield N.11.58007 E.76.44267 Vilangore N.11.57005 E.76.41257 Jodipalam N.11.58411 E.76.36629 Narathi N.11.60481 E.76.40321	7 Nos LS	3.500	There are 17 Anti-poaching camps available. These camps are to be strengthened with enhanced facilities with cooking and sanitation apart from regular maintenance including minor repair works to encourage the watchers in efficient working. 07 camps are proposed in this proposal.
Procurement of All Terrain Vehicle (ATV)								1 No. @ 15.00 lakhs	15.000	The terrain of the MTR is undulating nature with minimum access road to interior part of the reserve. In order to perambulate the vulnerable points use of all terrain vehicle will be useful to have half road drive and to strengthen the mechanism
Procurement of drone								2 Nos @ Rs.5.00 lakhs	10.000	The primary use of drone is to strengthen the protection mechanism using latest technology so as to monitor the inventory resources such as species classification,

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										fire monitoring and spatial gaps estimation.
Conducting tiger monitoring										
Conducting tiger monitoring as per Phase IV protocol such as Logistics, Data Entry Operators, Biologist, Consumables etc.,	16.7.1	8.5	MTR -Core		14.500	10.513		LS	2.000	Monitoring is the most important annual exercise of Protocols 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), analysing data, including logistics / cost of transport / fuel, training, engaging personels like Data entry operators and other consumables, software update,etc.
Human Resource Development										
Project allowance as per the guidelines of CSS-PT pay for all employees of staff permitted by GOI.	16.15	8.5	130 personnel	124 x 9 months	7.000	6.987		160 personnel	15.000	Project allowance to the officers and staff from 1.4.2007 at the approved rate by NTCA @ Rs.2000/- for Field Director, Rs1500/- for Deputy Director, Rs.1000/- for Range officers and FVAS, Rs.900/- for Foresters, Rs.700/- for Forest Guards, Forest Watchers, drivers, Elephant men, Rs.1000/- for Ministerial staff Class II, Rs.700/- for Ministerial staff Class III and Rs.400/- for Class IV staff and other support staff are being paid as per NTCA guide lines (staff details enclosed in the Annexure)
Addressing Man-Animal Conflict										
Engaging anti-depredation watchers to drive wild animals from Agri land.	16.10.3	5.4	10 Nos @ Rs.9026 x 12 months	10 Nos x 10 months	10.831	9.152	...	10 Nos @ Rs.10770 x 12 months	12.924	Towards effective control of Man-animal conflict especially in south western side of MTR ie in Gudalur Forest Division where man-animal conflicts happen. Watchers are deployed to drive the wild animals from human habitation and agri lands. Hence this provision is made.
Payment of compensation for crop depredation, injury or loss of human life due to wild animals	16.4.3	5.4	LS		1.000	0.950	...	LS	2.000	For timely compensation of the loss incurred on depredation caused by wild animals provision is required.
Strengthening of infrastructure										
Purchase of mobile with power bank.			LS	--			...	17 Nos @ Rs. 10,000/-	1.700	To ensure effective utilisation of M-Stripe patrolling system improved version of mobile phones along with poer banks are required to be supplied to each camp (total 17 camps)
Purchase of GPS related accessories	16.7.1	8.4					...	10 Nos @ Rs.9,000	0.900	GPS are required for the field staff for ascertaining location. The total requirement is 83. 43 are available in this unit. Remaining

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										are proposed in phased manner annually. Hence proposal is for 2 Nos.
Procurement of fire fighting equipments including (Raker, Flapper, Powersaw, Power spray, Blower, Fire proof dress, Glouse, Helmet, Water cans etc.)							...	LS	10.000	In order to contain the fire these equipments will be very useful atleast to mobilize the dousing process.
Staff Welfare activities										
Construction of frontline staff quarters	16.1.21						1) Nellakottai Range -Mukkaly N.11.56147 E.76.38419	1 No @ Rs. 20.00 lakhs each	20.000	Additional 08 beats were created and beat staffs have since been filled up. Hence designated quarters are proposed for these staffs as a welfare measure as well as for protection need. One quarters is proposed now.
Provision of Torches, Medical kit, Uniform, rain coat, hunter shoes etc., for regular staff etc.,	10.16	8.5	130 Nos @ Rs.5,000/ each	130 Nos	6.500	6.499	...	150 Nos @ Rs.5,000/each	7.500	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, Uniform, rain coat, hunter shoes etc., will be procured.
Providing ration allowance to staff in Mudumalai Tiger Reserve	16.15	8.5	90 personnel @ Rs.860 x 12 months	96x9 months	9.288	7.094	...	120 personnel @ Rs.860 x 12 months	12.370	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 payrolls at field level in Tiger Reserves @ Rs.860/- per month as approved by Government of India.
Total (non recurring core)					70.866	58.887			126.398	
NON RECURRING										
BUFFER										
ANTIPOACHING ACTIVITIES										
Deployment of Tiger Protection Force (antipoaching squad)	10.1	10.2	1 Squads x 6 watchers per Squad 12 months @ Rs.9026/ each	1 Squads x 6 watchers per Squad 12 months @ Rs.9026/ each	6.499	6.499	...	4 Squads x 6 watchers per Squad 12 months @ Rs.10770/ each	31.018	This division has more vulnerability and it is located around 16 adjoining villages. Hence additional two Nos. of squads to be deployed. Hence all the 4 Ranges of this Division may required one squad each. New buffer area has been added.
Legal support for defending court cases including legal fees and other miscellaneous charges.	16.1.8	1.5	LS	LS	1.000	1.000	--	LS	2.000	There are 32 SLP cases and various IA's pending relating to elephant corridor issue in this Division. Hence this provision is required for Payment of legal fees and misc. expenses towards conduct of court cases and vetting of the documents by the Govt. Pleader (Forests).
Supply of field uniform and shoes to	10.1	4.1	Buffer 65 Nos @	Buffer 65 Nos @ Rs.5000/-	3.250	3.250	...	Buffer 115 Nos @	5.750	This Division is newly formed with existing 13

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anti-poaching watchers			Rs.5000/- each	each				Rs.5000/- each		Nos of Anti poaching camps and there after in 2018-19 there are 9 Nos of AP camps newly formed Because the area of of this Division is more than 445 Sqkm and this is loacted among the 16 Nos of adjoining villages and the entry and exit port of tourists of state. so the interface of the tourists is very high.and this also already elaborately explained and mentioned in the draft Tiger Conservation plan. it is proposed to create a new camp at Gavihalla in Masingudi Range this year. For effective perambulation and safety of APWs uniform sets and shoes are required to be supplied to the APW's and to ensure their efficient working conditions.
Strengthening Anti-poaching camp including cooking and toilet facility facilities etc.,	16.1.3	4.1	1 No @ Rs.3.00 lakhs	1 No @ Rs.3.00 lakhs	3.000	3.000	N.11.58497 E.76.65893	3 Nos @ Rs.3.00 lakhs	9.000	There are 22 Anti-poaching camps available. These camps are to be strengthened with enhanced facilities with cooking and anitation apart from regular maintenance works to encourage the watchers in efficient working. 05 camps are proposed in this proposal.
Strengthening of Elephant Proof Trench in anti-poaching camps.	10.5	4.1					U Road AP Camp N.11.58276 E.76.68034 Bison Road AP camp N.11.57205 E.76.57655 Kotruperai N.11.59053 E.76.62769	3 km @ Rs.5.00 lakh per km	15.000	All the 9 Nos of recent AP camps required new EPT for the safety of APWs and and building for monitoring and perambulation.
Conducting tiger monitoring								LS	2.000	
Conducting tiger monitoring as per Phase IV protocol such as Logistics, Data Entry Operators, Biologist, Consumables etc.,	16.7.1	8.5								Monitoring is the most important annual exercise of Protocols of Phase IV. Monitoring has to continue by deploying camera traps, collecting images from the enire core area, conducting prey-base survey(both pre-monsoon and post-monsoon), analysing data, including logistics / cost of transport / fuel, training, engaging personels like Data entry operators and other consumables, software update etc.
Human Resource Development										
Project allowance as per the guidelines of CSS-PT pay for all employees of staff permitted by GOI.	16.15	8.5	80 personnel	80 personnel	4.000	4.000		114 personnel	10.700	Project allowance to the officers and staff from 1.4.2007 at the approved rate by NTCA @ Rs1500/- for Deputy Director, Rs.1000/- for Range officers and FVAS, Rs.900/- for Foresters, Rs.700/- for

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										Forest Guards, Forest Watchers, drivers, Ministerial staff Class II, Rs.700/- for Ministerial staff Class III and Rs.400/- for Class IV staff and other support staff are being paid as per NTCA guide lines (staff details enclosed in the Annexure)
Addressing Man-Animal Conflict										
Engaging anti-depredation watchers to drive wild animals from Agri land.	16.10.3	5.4	10 Nos @ Rs.9026 x 12 months	10 Nos @ Rs.9026 x 12 months	10.831	10.831		10 Nos @ Rs.10770 x 12 months	12.924	Towards effective control of Man-animal conflict especially in south western side of MTR ie in Gudalur Forest Division where man-animal conflicts happen. Watchers are deployed to drive the wild animals from human habitation and agri lands. Hence this provision is made.
Payment of compensation for crop depredation, injury or loss of human life due to wild animals	16.4.3	5.4	LS	LS	1.000	1.000		LS	2.000	A sum of Rs. 15 lakhs to the settlement of compensation for 15 Nos of cases remaining pending last year. And the additional amount of Rs. 10 lakhs required for the timely settlement of compensation in the adjoining villages if any loss incurred on depredation caused by wild animals
Strengthening of infrastructure										
Purchase of GPS related accessories	16.7.1	11.2	10 Nos @ Rs.25,000	10 Nos @ Rs.25,000	2.500	2.500	...	20 Nos @ Rs.10,000	2.000	The GPS are required for the recently created AP camps.
Procurement of Rescue operation kits and accessories for treating wild animals	16.1.22	11.6	LS	LS	1.000	1.000	...	LS	3.000	This a newly formed Division hence to address an effective rescue operation accessories like Net guns, Rescue sheets, structures, flood lights, ladders and nylon ropes are essentially required for handling and safe release the wild animals.
Procurement of Camera trap	16.7.1	12.3					...	100 Nos @ Rs.0.20/-	20.000	Monitoring is the most important annual exercise. Protocols of Phase IV monitoring has to continue by deploying camera traps, collecting images from the entire buffer area, conducting prey-base survey (both pre-monsoon and post-monsoon). As per NTCA instruction 236 Nos grids need to be provided. Now only 150 Nos camera traps is available in this division. Hence, the additional camera traps required.
Procurement of Computers	16.1.21	12.3	03 Nos @ Rs.70,000/- each	03 Nos @ Rs.70,000/- each	2.100	2.100	...	06 Nos @ Rs.70,000/- each	4.200	The new online payroll system Integrated Financial and Human Resource Management (IFHRMS) implemented from 1.4.2019 by TN treasuries Department. This will very essentially required the

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										high configuration computer systems to ensure the uninterrupted payroll operating and the prompt disbursement of salaries to the employees
Procurement of Printer cum xerox machine and accessories	16.1.21	12.3	1 No @ Rs.2.00 lakh	1 No @ Rs.2.00 lakh	1.000	1.000	...	1 No @ Rs.2 lakh	1.990	The new online payroll system Integrated Financial and Human Resource Management (IFHRMS) implemented from 1.4.2019 by TN treasuries Department. This will very essentially required the high configuration computer systems to ensure the uninterrupted payroll operating and the prompt disbursement of salaries to the employees
Staff Welfare activities										
Provision of Torches, Medical kit, Uniform, rain coat, hunter shoes etc., for regular staff etc.,	10.16	8.5	80 Nos @ Rs.5,000/ each	80 Nos @ Rs.5,000/ each	4.000	4.000	...	114 Nos @ Rs.5,000/each	5.700	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, Uniform, rain coat, hunter shoes etc., will be procured.
Conducting medical screening camps and taking up further treatment for the subordinates	10.9	11.4	LS	LS	1.000	1.000	...	LS	2.000	To monitor the health status of subordinates and follow-up on treatment which would result in improved work efficiency. A centralised camp will be conducted for all staff at Theppakkadu of Ooty Division.
Providing ration allowance to staff in Mudumalai Tiger Reserve	16.15	8.5	70 personnel @ Rs.860 x 12 months	70 personnel @ Rs.860 x 12 months	7.224	4.340	...	100 personnel @ Rs.860 x 12 months	10.320	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 payrolls at field level in Tiger Reserves @ Rs.860/- per month as approved by Government of India.
Conducting All India Tiger Estimation outside tiger bearing area.										
Hiring Antipoaching watchers.	Chapter No. 11 Page No.87	5 Watchers for 12 months					Mukurthy Range	10000 /each /month	6.000	It is very essential to run the Antipoaching camps effectively that are established for the purpose in interior and vulnerable areas to supplement the efforts of the field staff and also act as deterrence. The Antipoaching Watchers are engaged day and night on shift basis and hence required to be provided with food provisions with proper training to ensure un interrupted operation.

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Conducting Tiger census.		1 No						1 No @ Rs. 1.50	1.500	Tiger census to be conducted in Tiger bearing area.
TOTAL NON-RECURRING BUFFER					48.404	45.520	---	---	147.102	
Total Non Recurring (Core + Buffer)					96.808	91.040			273.500	
RECURRING										
CORE										
Anti-Poaching										
Engaging Anti-poaching watchers	16.1.2	10.3	75 Nos x 12 x @ Rs.10,000/-	75 Nos x 10 months	90.000	69.055	...	75 Nos x 12 x @ Rs.10,000/-	90.000	Anti-poaching watchers are engaged predominantly from tribal communities, who are the mainstay behind successful protection status of MTR.
Equipping Antipoaching camps by providing ruck sacks, powerful torches, chargers, coils etc.,	10.16	10.3	15 Camps @ Rs.10,000/each	15 camps	1.500	1.500	...	15 camps @ Rs.10,000/-	1.500	Anti-poaching camps are to be well equipped with minimum requirement. Hence the provision is made annually as required.
Fire Control										
Annual maintenance of firelines including block line state boundary and animal paths.	16.2.14	10.4	300 km @ Rs.10830/- per km	304 kms	32.490	30.719	N.11.642814 E.76.51340 N.11.59898 E.76.59368 N.11.57549 E.76.38927	40 km @ Rs.12927/- per km	5.170	Maintenance of fire lines is an essential work to avoid spread of fires in existing firelines. The existing network of firelines at a width of minimum 6 mts. will be cleared and scrapped as a barrier for fire.
Engaging fire watchers 21 Nos. x 4 months	16.2.14	10.4	66 Nos x 4 months @ Rs.9026/-		21.662		...	21 Nos x 4 months @ Rs.10770/-	9.047	To perambulate vulnerable areas and to bolster fire-fighting operations fire watchers are engaged during fire-season.
Maintenance of fire control room including provision of water, communication charges, energy food etc.,	10.2	10.5	1 No @ Rs.2.00 lakhs	1 No x 10 months	2.000	1.115		1 No @ Rs.2.00 lakhs	2.000	Essential to run a centralised "Control room" to monitor protection status and undertake immediate response / providing required assistance on crisis situations including consumables.
Additional diesel for the vehicles during fire season-LS	16.2.14	10.4	LS	LS	2.000	0.000	...	LS	1.000	Additional fuel is required to patrol vulnerable areas more frequently to monitor fire incidents. Private vehicles in addition to dept. vehicles would also be engaged as and when situation arise.
Cost of office stationeries in the office of Field Director and preparation / printing of draft Tiger Conservation Plan for the period from 2017-2018 to 2021-2022	10.3	4.7	LS	LS	2.000	1.830	...	LS	1,000	This amount is proposed only for final printing of required copies of Tiger Conservation Plan from 2017-18 to 2021-22 for Mudumalai Tiger Reserve.
Improvement/Upgradation/ Maintenance of existing buildings / infrastructure										
Maintenance of office equipments like Computer, Xerox Machine, Printer, UPS and other equipments etc.,	10.3	4.7	LS		2.000	2.000		LS	1,000	
Engaging computer operators.	16.2.27	4.7	7 Nos x 12 months @ Rs.19660/-	7 Nos x 10 months	16.514	9.128	...	7 Nos @ Rs.21656 x 12	18.191	Since the system of work depends on Computers, Computer operators are required for entry of data on day

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										to 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. 1) CCF & FD Office 2 Nos. 2) Mudumalai Range - 1 No. 3) 4) Kargudi Range - 1 No. 4) Theppakkadu Range - 1 No. 5) Nellakottai Range - 1 No. 6) Mukurthi Range - 1 No. The unit rate is based on last year District Collectorate rate with 10% escalation.	
Engaging Receptionist	10.3	4.7	2 Nos x 12 months @ Rs.19660/-	2 Nos x 10 months	4.718	2.749	...	2 Nos x 12 months @ Rs.21656 x 12	5.197	To attend need of visitors for advance reservation as well as current reservation and to provide appropriate guidance to visitors, assisting the Office incharge in Ooty Reception Range and Theppakkadu Reception Centre Receptionists are required.	
Habitat Improvement and Water development											
Improvement of water holes by desilting and minor repairs etc.,		9.3						Check dam at Chikkallah N.11.64630 E.76.50031 Check dam at Naradhi N.11.61996 E.76.45842 Check dam at Gamehut N.11.605627 E.76.509469	4 Nos LS	6.000	These water holes provides water to wildlife regularly. So in order to restore the original capacity and to maintain the structure provision is made which would ensure water availability during dry season.
Maintenance of habitat by continuous removal / working of exotic weeds working including removing remnant and new recruits of weeds like Lantana etc.,	16.3.1	9.3	80 Ha	80 ha	10.108	9.422	Kargudi Range Kallalah Bit-I N.11.58327 E.76.57227 N.11.58428 E.76.57406 Kallalah Bit-II N.11.58342 E.76.57258 N.11.58452 E.76.57892 Kallalah Bit-III N.11.58436 E.76.57079 N.11.58705 E.76.57153 Theppakkadu Range Manalathodu vazhi to Imberailah Uppukui N.11.61491 E.76.54959 N.11.61473 E.76.54694 N.11.61416 E.76.54452	80 Ha @ Rs.15080/ ha	12.064	Exotic weeds like Lantana were removed during the previous year under various schemes and need these to be continuously worked for three subsequent years for effective removal of weeds (FSL was approved in PCCF. Ref.No. TS/ 30403/ 2013, dt.21.10.2014)	
								Madalibetta water trough to Manalathodu vazhi at KMR road N.11.60783 E.76.53666 N.11.61332 E.76.54088			

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							N.11.61622 E.76.55149 Ponnagiri malai to Madhalibetta water trough N.11.61696 E.76.55106 N.11.61342 E.76.55589 N.11.61277 E.76.55963			
Management of Vayals for restoring grass lands and augmentation of water etc. by fresh removal of exotic weeds.	16.3.1	9.3	60 Ha @ Rs.36100/ ha		21.660	20.190	Mamara camp vayal Bit-I N.11.60835 E.76.41242 N.11.60819 E.76.41345 Mamara camp vayal Bit-II N.11.60819 E.76.41345 N.11.60841 E.76.41418 Melhagal vayal Bit-I N.11.62261 E.76.50203 N.11.61689 E.76.50051 N.11.61885 E.76.50114 N.11.61693 E.76.50154 N.11.61676 E.76.50105	60 Ha @ Rs. 15080/ha.	9.048	Removal of exotic weeds in vayal area to create water resource for herbivores and carnivores. (FSL was approved in PCCF. Ref.No. TS1/ 30403/ 2013, dated 21-10-2014)
Eco-tourism										
Engaging Eco-sanitary watchers	16.17.1	11.3	6 Nos @ Rs.9026/-	6 Nos x 10 months	6.499	5.491	...	5 Nos @ Rs.10770/-	6.462	To maintain eco-friendly nature of the area in tourism zone by cleaning the area, especially along highways, to remove litter and plastics and also to create awareness about wildlife and nature among tourists. In the following Ranges. 1) Theppakkadu Range - 3 Nos. 2) Kargudi Range - 3 Nos
Engaging Eco-guides	4.17	11.3	6 Nos @ Rs.9026/-	6 Nos x 10 months	6.499	5.028	...	6 Nos @ Rs.10770/-	6.462	Create awareness about wildlife and nature among tourists. Theppakkadu Reception Centre and Interpretation centre.
Engaging educated youth in interpretation center		11.3	1 No	1 No x 910months	2.359	1.868	...	1 No @ Rs.21956 x 12	2.634	Educated youth are to be engaged in the recently developed advance wildlife training centre at Elapjhtn camp, Theppakkadu and also in nature camp near by to educate visitors on displays and interactive modules regarding tiger and its habitat
Renewal / maintenance of awareness boards/ publicity materials in tourism zone.		11.3	L.S		0.500	0.495	Elephant camp N.11.578115 E.76.583786 Main road N.11.534657 E.76.524887 to N.11.618362 E.76.591083	L.S	2.000	Roads such as Highways, Major District roads are passing through Mudumalai Tiger Reserve. Further Elephant camp is situated at Theppakkadu. Visitors / public including local people, people from other parts of country as well as foreigners etc., are visiting in huge nos. Therefore to create awareness on

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										conservation / caution messages among the visitors the existing boards need to maintained appropriately with renewal, re-painting etc.,
Human Resource Development										
Main streaming Livelihood and Wildlife concerns in Forests outside Tiger Reserves and Fostering corridor conservation through restorative strategy involving locals to arrest fragmentation of habitats										
Procurement of tranquilizing equipment and medicines		5.4	LS		1.000	---	---	LS	2.000	Tranquilising equipments, including medicines required is a sine qua non for management of departmental elephants and also marauding wild animals. (Details enclosed in Annexure-5)
Strengthening of infrastructure within Tiger Reserve										
Procurement / maintenance of wireless equipments such as base sets, walkie talkies, batteries, antenna etc.,		10.3					---	LS	1.500	Communication infrastructure is needed especially in anti-poaching camps for continuous and seamless functioning, which is the life-line of tiger protection operations in this divisions. Wireless base sets for each Range office, for vehicles and walkie talkies for subordinates are required.
Maintenance of fair weather roads leading to anti-poaching camps including reformation of side drains.		11.3	2 Km @ Rs. 17.00 Lakhs/km	2 km	40.000	39.600	Road to Tri-junction-5km N.11.627119 E.76.43726 Chikkalah - Chikatti mukku 2 km N.11.65311 E.76.51337 Theranpatta junction - Neerallah 2 km N.11.63411 E.76.55011 Thorapalli - Chennakolli 1 km N.11.53471 E.76.52499	4 Km @ Rs. 18.00 Lakhs/km	72.000	A network of roads across the length and breadth of the Reserve is more than 300 km for protection purpose and tourism. These roads are maintained as Fair-weather roads. Stone block paving, is done on wheel track only, side drain including repairs to small bridges and causeway etc., for faster movement. The maintenance of roads is vital for tourism as well as protection purpose. The road work will be carried out on priority of damage within tourism zone.
Maintenance of vehicles (jeep, lorry) including lubricants		11.3	LS		2.500	0.961	---	LS	2.500	Needed to keep vehicles in good shape and condition for efficient transport
Staff development and capacity building (HRD Plan)										
Study tour to other Tiger Reserves to get exposure to good practices in tiger conservation		11.3	LS		1.000		---	LS	2.000	Needed to absorb new initiatives from practices in other tiger reserves for further development of the reserve.
Staff Welfare activities										
Improvements and maintenance to Staff quarters		8.5	4 Nos @ LS	4 Nos	6.000	5.955	FRO quarters at Upper Kargudi N.11.571409 E.76.545939 Forester Quarters at Lower Kargudi N.11.571409 E.76.545939 FRO quarters at Theppakkadu N.11.57928 E.76.57960 FC/ FW Quarters - Kakkannallah	08 Nos @ 2	16.000	Buildings for housing the subordinates are pretty old and need upgradation for their upkeep. 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

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										<p>N.11.57983 E.76.58008 FG/ FW Quarters - Thorapalli N.11.53427 E.76.52486 FG/ FW Quarters - Nellikarai N.11.53447 E.76.52505 FG/ FW Quarters - Kargudi beat N.11.57174 E.76.55603 FG/ FW Quarters - Theppakkadu beat N.11.58053 E.76.58244</p>			structures including painting the buildings etc.,
Water supply to Staff colonies.										<p>Mukkatty N.11.56163 E.76.38390 Bospara N.11.574989 E.76.478706</p>	<p>1) Mukkatty - 2.00 lakhs 2) Bospara - 3.00 lakhs</p>	5.000	in order ensure the basic facilities especially water regular maintenance is required.
Improvement and maintenance of non residential building.		4.7								<p>Range office at Upper Kargudi N.11.571409 E.76.545939 Range office at Kargudi N.11.57169 E.76.55632</p>	2 Nos @ 5 lakh	10.000	Non residential buildings as used for protection purpose 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.,
Strengthening of infrastructure		12.1											
Provision of LPG for elephant camps			545x1350	8 months	7.357	7.306	...	545x1350	7.357				On an average 2 LPG cylinders (commercial) would be consumed per day. Therefore the cost includes (@0.027x365 days= Rs.10.00 Lakhs.
TOTAL (Recurring Core)					280.37	214.41						297.132	
RECURRING													
BUFFER													
Anti-Poaching													
Establishment of Highway patrolling squads the help of local people	16.1.2	10.3	1 squad @ Rs.35,000/- each per month	1 squad @ Rs.35,000/- each per month	4.200	3.696	...	1 Squad per month @ Rs.35000/ each	4.200				There are 5 major highways across this division areas i.e Kalhatty to Theppakadu, Masinagudi to Moyar, Masinagudi to Bokkapuram and Masinagudi to Sirtiyur and this roads contains a lot of tourists movements. Hence, to undertake patrol along the roads passing through the Tiger Reserve area and to prevent incidents of poaching, littering, feeding wild animals, etc., one temporary driver and three patrolling watchers form the squad.
Engaging Anti-poaching watchers		13.2	65 Nos x 12 x @ Rs.10,000/-	65 Nos x 12 x @ Rs.10,000/-	78.000	65.896	...	65 Nos x 12 x @ Rs.10,000/-	78.000				This Division is is newly formed with existing 13 Nos of Anti poaching camps and there after in 2018-19 there are 9 Nos of AP camps newly

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										formed Because the area of of this Division is more than 445 Sqkm and this is loacted among the 16 Nos of adjoining villages and the entry and exit port of tourists of state. so the interface of the tourists is very high and this also alreary eleobrantly explained and mentioned in the draft Tiger Conservation plan. it is proosed to create a new camp at Gavihalla in Masingudi Range this year. For effective perambulation and protection of the above mentioned large area the establishment of APW's is very important.
Equipping Antipoaching camps by providing ruck sacks, powerful torches, chargers, cots etc.,	16.1.2	13.2	13 camps @ Rs.10,000/-	13 camps @ Rs.10,000/-	1.300		...	23 camps @ Rs.10,000/-	2.300	Anti-poaching camps are to be well equipped with minimum requirement. Hence the provision is made annually as required.
Engaging trackers / watchers for monsoon patrolling, elephant patrolling in vulnerable areas	10.1	13.2	800 Mandays @ Rs.361/- per manday	800 Mandays @ Rs.361/- per manday	2.888	2.380	...	800 Mandays @ Rs.430.90/- per manday	3.447	During monsoon patrolling, elephant patrolling additional labours are required to assist frontline staff and Anti-poaching watchers.
Secret service fund and rewards for all category of staff and incentives for gathering intelligence (logistics for gathering information and rewards to informants	10.1	13.5	LS	LS	0.500	0.500	...	LS	1.000	There are 5 major highways across this division areas i.e Kalhatly to Theppakadu, Masinagudi to Moyar, Masinagudi to Bokkapuram and Masinagudi to Siryur and this roads contains a lot of tourists movements. Hence, gathering intelligence through surveillance of suspects and vulnerable locations is essential to prevent incidents of poaching, littering, feeding wild animals, etc.,
Annual maintenance of anti-poaching camp buildings including minor repairs.	10.1		4 nos	4 nos	2.000	2.000	Katmalai N.11.58270 E.76.68036	10 Nos@ 0.60	6.000	This building was damaged conditions, now repairing works proposed such as flooring, roofing, doors and windows. Hence, maintenance work is very essentials for occupation of Antipoaching watchers.
Fire Control										
Annual maintenance of firelines including block line state boundary and animal paths.	16.2.14	10.4	300 km @ Rs.10830/- per km	322 km @ Rs.10095/- per km	32.490	32.490	Morganbetta N.11.54934 E.76.59219 N.11.56704 E.76.58327 Bison road N.11.54964 E.76.57424 N.1157071 E.76.57638 Abhayaranyam River N.11.55748 E.76.56725 N.11.55816 E.76.56344 Alamarakulam elephant path N.11.57124	400 km @ Rs.12927/- per km	51.700	Maintainance of fire lines is an essential work to avoid spread of fires in existing firelines. The existing network of firelines at a width of minimum 6 mts. will be cleared and scrapped as a barrier for fire. In this Division last year a length of 318 kms fireline was cleared and that to be maintained this year and a length of 182 kms fireline will be newly cleared this year.

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							E.76.57149 N.11.57570 E.76.56858			
Engaging fire watchers 21 Nos. x 4 months	16.2.14	10.4	60 Nos x 4 months @Rs.9026/-	60 Nos x 4 months @Rs.9026/-	21.662	11.579	...	120 Nos x 4 months @Rs.10770/-	51.700	During January, February & March 2019 there are lot of fire incidents held in this Buffer Zone areas and that would be controlled by engaging local labours because of the insufficient number of fire watchers and the amount of Rs.10.00 lakhs will not be settled due to non availability of funds. Hence, to control the fire and prevent the damages it is essential to engage sufficient fire watchers is must. New Buffer area.
Additional diesel for the vehicles during fire season-LS	16.2.14	10.4	LS	LS	3.000	0.377		LS	4.000	The Nilgiris Eastern Range is located in Kil Kotagiri and the areas of this range i.e Thengumarahada is situated more than 80 kms from here. Hence, additionally Rs. 1.00 lakh is required above the last year sanction of Rs.3.00 lakhs.
Cost of office stationeries in the office of Field Director and preparation / printing of draft Tiger Conservation Plan for the period from 2017-2018 to 2021-2022	10.3	4.7					...	LS	2.000	This amount is proposed only for final printing of required copies of Tiger Conservation Plan from 2017-18 to 2021-22 for Mudumalai Tiger Reserve.
Improvement/Upgradation/ Maintenance of existing buildings / infrastructure										
Maintenance of office equipments like Computer, Xerox Machine, Printer, UPS and other equipments etc.,	10.3	4.7	LS	LS	1.000	1.000	...	LS	2.000	For upkeep of all equipments for smoothen the office work. This component is essential.
Engaging computer operators.	16.2.27	4.7	5 Nos @ Rs.19660 x 12	5 Nos @ Rs.19660 x 12	11.800	10.681	...	5 Nos., @ Rs.21656 x 12	12.990	Since the system of 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 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. 1) Deputy Director, Masinagudi - 2 2) Masinagudi Range - 1 3) Segur Range - 1 4) Singara- 1 5) Nilgiris Eastern Range - 1
Providing drinking water facilities to checkpost.		4.7	1 No @ LS		1.000		...	1 No @ LS	1.000	The kalhaty checkpost of Singara Range is required drinking water facilities.
Habitat Improvement and Water development										
Improvement of water holes by		9.3					Old watch Tower N.11.57970	12 Nos @ LS	6.000	6 Nos in Singara & 6 Nos in Masinagudi

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desilting and minor repairs etc.,							E.76.68855 Mavanallah N.11.55982 E.76.67612 Gerallah Check dam N.11.53673 E.76.67227 Jodipallam Check dam N.11.53625 E.76.68673			Range
Providing water to wildlife during pinch period		9.3	200 trips @ 1200 liters per trip during dry season from November to March. @ Rs. 1200/- per trip		2.400		...	300 trips @ 1300 liters per trip during dry season from November to March. @ Rs. 1300/- per trip	15.900	During summer season water is required. Hence transport of water from nearby area. 1. By providing water by private vehicle @ 300 trips @ 1300 per trip=Rs.3.90 lakhs 2. Creation of water trough 4 Nos @ 3.00 lakhs/each=Rs.12.00 lakhs
Maintenance of habitat by continuous removal / working of exotic weeds working including removing remnant and new recruits of weeds like Lantana etc.,	16.3.1	9.3	10 Ha @ Rs.12635 / ha	10 Ha @ Rs.12635 / ha	1.264	1.264	...	10 Ha @ Rs.15080/ ha	1.508	Exotic weeds like Lantana were removed during the previous year under various schemes and need these to be continuously worked for three subsequent years for effective removal of weeds (FSL was approved in PCCF. Ref.No. TS1/ 30403/ 2013, dt.21.10.2014)
Immunization of domestic animals in the villages		9.3	LS		1.000		...	LS	1.000	To carry out immunization work in fringe villages to avoid spread of diseases from domestic cattle to wild animals. in Masinagudi area about 3000 cattles exist.
Fresh removal of invasive species, Lantana, Tithonium, etc.,	16.3.1	9.3					N 11.53767 E 076.67111 N 11.53797 E 076.67110 N 11.53574 E 076.6782...	200 Ha @ Rs.43090/ ha	86.180	Mudumalai Tiger Reserve (Buffer Zone) is newly created division and it was bifurcated from Nilgiris North Division. There are no any removal works made in this areas of the former division. Hence, there is lot of exotic weeds to be removed in this Tiger Reserve areas. So, the removal required.
Management of Vayals for restoring grass lands and augmentation of water etc. by fresh removal of exotic weeds.	16.3.1	9.3	20 Ha @ Rs. 36100/ha.	20 Ha @ Rs. 36100/ha.	7.220	7.220	Periya vayal N.11.52608 E.76.53318 N.11.52598 E.76.53104 N.11.52775 E.76.53108 N.11.52669 E.76.53541 N.11.52952 E.76.53232 N.11.52804 E.76.53369 Chinna vayal N.11.52194 E.76.53522 N.1152426	20 Ha @ Rs. 43090/ha.	8.618	Removal of exotic weeds in vayal area to creat water resource for herbivores and carnivores. (FSL was approved in PCCF. Ref.No. TS1/ 30403/ 2013, dt.21-10-2014)

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								E.76.53353 N.11.52608 E.76.53318 N.11.52669 E.76.53541 N.11.52489 E.76.53605 N.11.52235 E.76.53619		
Eco-tourism										
Engaging Eco-sanitary watchers	16.17.1	11.3	6 Nos @ Rs.9026/-	6 Nos @ Rs.9026/-	6.499	5.491	...	6 Nos @ Rs.10770/-	7.750	To maintain eco-friendly nature of the area in tourism zone by cleaning the area, especially along highways, to remove litter and plastics and also to create awareness about wildlife and nature among tourists. In the following Ranges. 1) Masinagudi -3, 2) Singara - 1 3) Segur - 1, 4) NES - 1
Renewal / maintenance of awareness boards/publicity materials in tourism zone.		7.2	L.S	L.S	0.500	0.500	Road sides	L.S	2.000	There are 5 major highways across this division areas i.e Kalhaty to Theppakadu, Masinagudi to Moyar, Masinagudi to Bokkapuram and Masinagudi to Siryur and this roads contains a lot of tourists movements. Therefore to create awareness on conservation / caution messages among the visitors the existing boards need to maintained appropriately with renewal, re-painting etc.,
Human Resource Development										
Conducting medical camps in the fringe villages.		5.3	3 camps @ Rs.15,000/-	3 camps @ Rs.15,000/-	0.450	0.450		4 camps @ Rs.15,000/-	0.600	To enlist support of local people in wildlife management it is essential to conduct these medical camps, and give free treatment in our dispensary. 1. Masinagudi, 2. Anaikatti, Vazhaithottam, Nigiri Eastern slope.
Addressing Man-Animal Conflict										
Maintenance of elephant proof trenches.		10.6					--	4 km @ LS	5.000	It is required for Masinagudi & Segur Ranges.
Strengthening of Infrastructure within Tiger Reserve										
Strengthening of Watch Towers for monitoring protection.	10.4	10.4	1 Nos	1 Nos	0.500	0.500	<u>Mavanallah</u> N11.58272 E076.68039	1 Nos	1.000	The watch towers established for monitoring for fire and other illegal activities have to be maintained appropriately for continuous effective operation. The work such as painting of structures, including minor repairs, maintenance of EPT and other equipment / accessories etc., One number is included in this proposal. The requirement as follows. 1. Mavanallah, Singara Range 2. Anaikatty, Segur Range 3. 'U' Road, Masinagudi

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									Range	
Maintenance of vehicles (jeep, lorry) including lubricants			LS		2.500		...	LS	2.500	Needed to keep vehicles in good shape and condition for efficient transport
Staff development and capacity building (HRD Plan)										
Conducting training in various aspects to the staff with the help of specialised personnel / institution							5.000	The amount required for to given training to the field staffs regarding wildlife management eco tourism technquics and responsibility of tourism biodiversity management forest rescue protection and forest wildlife laws.
Study tour to other Tiger Reserves to get exposure to good practices in tiger conservation			LS	LS	1.000	1.000	...	LS	2.000	Needed to absorb new initiatives from practices in other tiger reserves for further development of the reserve.
For conducting eco-awareness camps for students and conservationists and people in various activities remuneration			2 camps	2 camps	1.000			2 camps @ LS	2.000	Needed to absorb new initiatives from practices in other tiger reserves for further development of the reserve.
Staff Welfare activities										
Improvements and maintenance to Staff quarters			4 Nos		7.000			6 Nos @ LS	23.000	Buildings for housing the subordinates are pretty old and need upgradation for their upkeep. 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., Segur Range 1. Vazhailhottam checkpoint quarters 1 No = Rs.10.00 lakhs 2. Anaikatty Beat quarters 1 No = Rs.10.00 lakhs 3. Siryur Beat quarters 1 No = Rs.10.00 lakhs Nigiris Eastern Range 1. Forest Range Officer quarters Kil Kotagiri 1 No = Rs.10.00 lakhs 2. Thengumarahada Beat quarters 1 No = Rs.10.00 lakhs 3. Kallampalayam Beat quarters 1 No = Rs.10.00 lakhs
Improvement and maintenance of non residential building.			2 Nos		4.000			---	30.000	The Deputy Director office building at Masinagudi was sanctioned for Rs.30.00 lakhs vide CAMPA, APO Ref No. 45161/2017/P2 Dt: 26.09.2018 and work was commenced and almost completed. But till date no funds or sanctioned authorization are received from CAMPA. The Building work completed without the

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										essential works like water supply, sanitary work, electricity works, bathroom facilities, parking area & repairing maintenance of approach roads works are not carried out due to insufficient budget. Hence, totally the building cost Rs.30.00 lakhs and the above essential works cost Rs.30.00 lakhs totally Rs.60.00 lakhs required for the above works.
Research, Providing equipments (Camera traps, GPS, etc.) Computer soft ware, All India Estimation of Tiger Co-predators/Prey animals Habitat Monitoring and Evaluation.										
Research and survey operation for vulture conservation.								3.000	3.000	Conducting research work for the reserve management and survey operation for vulture conservation. There are three vulture population sites in this Division. It is essential To create awareness about non-usage of diclofenac in domestic animals which will protect vultures. Conducting workshop is essential to get new ideas for conservation of vultures. Hence provision is made for wages for trackers 2 Nos, conducting work shop, awareness program including logistics etc.,
Improvement / maintenance of road from Earthen dam to Bangitapal								20.00 lakh per km	20.000	The Earthen road is impassable during rainy season. Hence this road is proposed to be laid with stone slabs along wheel track.
Removal of weeds wattle heavy growth 100 mandays @ 430.90 = 43090								Rs. 43090/ 20 Ha	8.620	The weeds grow faster than grass and other herbaceous vegetation and therefore the quality fodder is reduced for herbivores. It is proposed to maintain the habitat with indigenous species by clearing exotic weeds in Mukurthy National Park in a phased manner.
Maintenance of Firelines @ Rs. 12927/km to a width of 6 mts. 30 mandays @ 430.90 = 12927	Chapter No. 11 Page No.87	20 Kms						Rs. 12927/km	2.590	There is a network of firelines available in Mukurthy National Park which needs annual clearance. Only some portion of such firelines are included in this proposal.
Hiring Fire protection Watchers 30 No's for 4 months from December 2019 to March 2020 25 mandays @ 430.90 = 10772.50 (or) 10770.00	Chapter No. 11 Page No.87	5 Nos / 4 months						5 Nos x 4 months x Rs. 10770/pm	2.160	Temporary Fire protection watchers will be engaged during fire season for 4 months from December to March to protect the forest wealth from the fire occurrence in Mukurthy National Park.
TOTAL (Recurring Buffer)					195.173	147.024			456.763	
TOTAL (Recurring Core+Buffer)					475.539	361.436			753.895	
Grand Total					572.347	452.476			1027.395	

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(Rs. In lakhs)

S. No.	Items	Sanction	Central Assistance
1	Non-Recurring (60%)	273.50	164.10
2	Recurring (50%)	753.89	376.94
	Total	1027.39	541.04

(Rs. In lakhs)

Cost of APO including State's share	A	1027.39
Center's share in APO	B	541.04
1 st release @ 80% of Center's share	$C=0.8*B$	432.83
Less: Unspent balance FY 2018-19	D	79.99
Adjusted 1 st release	$E=C-D$	352.84
2 nd release @20% of Center's share	$F=0.2*B$	108.20

* Eco development initiatives should be based on normative guidelines of the National Tiger Conservation Authority, Ministry of Environment, Forest and Climate Change, Govt. of India issued earlier based on village level, site specific, participatory micro plan with reciprocal commitment between Tiger Reserves and the local people.

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