

No. 4-1(13)/2018-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 26th September, 2018

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 Kalakad Mundanthurai Tiger Reserve, Tamil Nadu during 2018-19 –reg.**

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Kalakad Mundanthurai Tiger Reserve, Tamil Nadu at the cost of **Rs. 555.07 Lakhs (Rupees Five hundred Fifty Five lakhs Seven thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 336.64 Lakhs (Rupees Three hundred Thirty Six lakhs Sixty Four 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. 230.436 lakhs (Rupees Two hundred Thirty lakhs Forty Three thousand Six hundred only)** as the 1st installment of Central Share towards the Grants-in-aid to Government of Tamil Nadu during the current financial year 2018-19. 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 **Kalakad Mundanthurai Tiger Reserve** under the Project Tiger Scheme are not higher than those

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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 **Kalakad Mundanthurai 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, 1972 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, 1972 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 **Kalakad Mundanthurai Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2019.
- (x) **Kalakad Mundanthurai 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 2018-19 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 **Kalakad Mundanthurai 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 **Kalakad Mundanthurai 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 (**Kalakad Mundanthurai 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) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.
- (xxiv) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- (xxv) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviabale goods are sent along with UC.
- (xxvi) In case of employment through contract, copy of PF & ESI contributions of employees shall be obtained wherever applicable.
- (xxvii) 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.
- (xxviii) 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.
- (xxix) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- (xxx) The sanction order must mention measurable physical parameters and all measurable parameters are to be adhered to.
- (xxxi) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxxii) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or C&AG.
- (xxxiii) All guidelines under the project is to be followed scrupulously.
- (xxxiv) 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.
- (xxxv) 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.
- (xxxvi) **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.

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.

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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 2018-19 :

Scheme	Budget Head	Amount (Rs. in lakhs)
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	213.154
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	17.282
Total		230.436

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 112619/AS&FA (PG) dated 20.9.2018.

Yours faithfully,

Nishant Verma
26/9/18
(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 2018-19 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, Kalakad Mundanthurai 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
26/9/18
(Nishant Verma)
Deputy Inspector General of Forests (PT)

KALAKAD MUNDANTHURAI TIGER RESERVE, TAMIL NADU
ANNUAL PLAN OF OPERATION 2018-19

Non-Recurring (Core + Buffer)

(Rs. in lakhs)

Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY	Current Financial Year			GPS	Justification
					No. of Items (Physical Target)	Sub-item Details	Total (Fin. Target)		
Strengthening	Buffer Area: Procurement of hardware, software, manpower, training, gps, etc.	16.2.11	2.16	48.55	372.00	200.000 Purchase of camera traps for All India Tiger Estimation (AITE) in Tiger bearing areas in Kanyakumari, Tirunelveli, Srivilliputhur and Megamalai 25000.000 = 5000000.000 159.000 Conducting Population Estimation in Tiger Bearing Areas ** 10000.000 = 1590000.000 13.000 Purchase of GPS units @ Rs. 15000/- per unit Kanyakumari and Tirunelveli Division 15000.000 = 195000.000	25000.000 10000.000 15000.000	67.85	In order to complete Phase IV camera trap protocol in 4 wildlife sanctuary which have minimum Tiger bearing beats. A minimum no of camera trap is proposed and phase IV will be conducted in phases. Accordingly, a total of 200 camera traps at the rate of 50 camera trap for Kanyakumari WLS and Nelli WLS each and 75 camera traps for Srivilliputhur Grizzled Squirrel sanctuary and Megamalai Wildlife Sanctuary each. This is a minimum requirements hence it is requested to sanction the same It is proposed to conduct Phase I protocol in 159 beats in 4 wildlife sanctuaries which are part of Agasthiyarmalai Landscape and Tiger bearing areas. A cost of Rs.10000/- per beat is proposed for transect line making, hospitality charges for volunteers and staff. GPS units will be purchased. Provision is made as per Government of India letter no. F/15-17/2010 National Tiger Conservation Authority dated 03.12.2014.
Addressing man animal conflict	Buffer Area: Payment of compensation for cattle lifting, death of human beings and crop predation* due to wild animals.	16.4.1.1	4.4	5.00	1.00	1.000 Payment of compensation for prevention of cattle lifting, death and injury of human beings and crop depredation due to wild animals and creation of barrigades to prevent straying of wildlife away from the forest * 700000.00 = 700000.00	700000.000	7.00	There are incidents of wild animals straying out from the forests and entering nearby villages resulting in damage and loss to crop and injuries including human death. The genuine claims have to be attended and the loss has to be compensated in order to secure the co-operation from the public in conservation and protection of wildlife. Hence this may be allowed. After the payment of compensation wherever possible barricades/ strategic structures will be created to prevent wildlife from straying out of forest. Priority will be given for payment of compensation.
Mainstreaming wildlife concerns	Buffer Area: Anti-poaching operations.	16.10.1.4	1.2	5.20	4.00	1.000 Procurement of field gear, night vision devices, compass, GPS, binoculars, etc Kanyakumari Division * 20000.000 = 20000.000 2.000 Supply of Field uniform, night vision devices to Antipoaching watchers and procurement of Snake catching kit, protective leather gloves and boots. Kanyakumari and Tirunelveli Division * 25000.000 = 50000.000 1.000 Additional fuel to vehicles used for anti-poaching	200000.000 25000.000 200000.000	4.50	Anti Poaching Watchers often go to remote places where sighting wild animal is more frequent. They often observe plants and animals whose identification is not known to the observer. Therefore to enhance the documentation of such observations it is proposed to provide binocular, GPS, field gear to each patrolling squad of Anti Poaching Watchers for documentation work in Camp. This is essential for improving documentation of bio diversity and other observations. Though there are many vehicles available in this Tiger Reserve they become inoperative during emergencies as the diesel provided to these vehicles is very less and not able to meet the day to day works. During fire season we have to perambulate the area daily and further we have to transport the labourers from one place to another for fighting fires. Hence this may please be sanctioned.

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						activities, fire protection, Highway patrolling Interstate meetings etc., * 200000.000 = 200000.000				
Staff Development	Buffer Area: Specialized training in park interpretation.	16.8.7	3.8	1.75	2.00	2.000 Special revitalising training to the members of Eco Development committee and staff. * 100000.000 = 200000.000	100000.000	2.00		The Eco Development Committees and staff have also to be involved in training of Sniffer Dog and the Eco Development Committee members and staff have to be imparted special revitalising training of Sniffer Dog . 2 trainings will be conducted one in Kalakad division and the other in Ambasamudram division. Hence provision is made for special revitalising training to VFC members and staff is made.
Eco-Development	Buffer Area: To carry out prophylactic immunization of cattle in and around Tiger Reserve.	16.10	2.1	2.00	25.00	25.000 Prophylactic immunization of cattle and stray dogs in the fringe villages @ Rs 0.20 lakhs per camp * 20000.000 = 500000.000	20000.000	5.00		This is mandatory provision as per the guidelines issued by the Apex court of India. It is proposed to immunize peripheral livestock and stray dogs outside Kalakad Mundanthurai Tiger reserve to avoid spread of diseases to wild animals. The amount allocated by the Animal Husbandry Department is very meagre and it is diluted as they have to concentrate throughout the District. Hence the provision.
Anti-Poaching	Core Area: Establishing and maintenance of existing patrolling camps/chowkis and deployment of camp labourers for patrolling.	16.1.3	1.6	4.00	1.00	1.000 Formation of Chainlink Fencing at S.M.Kovil Anti-Poaching Shed * 300000.000 = 300000.000	300000.000	3.00	8.65, 77.33	Pilgrims are visiting S.M.Kovil and move unauthorisedly into the Reserve Forest. Therefore it is proposed to make a Barrigade/fencing at S.M.Kovil antipoaching shed to prevent the unauthorised movement.
Anti-Poaching	Core Area: Procurement of field gear, night vision device etc	16.1.15	1.2	4.00	112.00	110.000 Supply of Field uniform, and Shoes to Antipoaching team for the 110 Antipoaching watchers (Uniform and Shoes at Rs. 5000/-) * 4000.000 = 440000.000 1.000 Procurement of field gear, night vision devices, GPS, Camera, etc * 300000.000 = 300000.000 1.000 Procurement of Range finder, Compass, Binoculars etc., * 100000.000 = 100000.000	4000.000 300000.000 100000.000	8.40		In KMTR totally 110 Antipoaching watchers are sanctioned and engaged for protection duty all round the year. They are frequently camping in forest areas and their camouflaged uniform is highly used. Therefore to have spare uniform additional supply is required. All the Rangers are involved in rescue operation whenever any wild animal moves out of Reserved Forest. Providing uniform, trekking shoes etc., will enable effective conducting of Antipoaching camps. Existing Antipoaching Watchers will be engaged and were ever possible Antipoaching Watchers will be engaged from Village Forest Committees on a temporary / rotational basis Anti ? Poaching Watchers often go to remote places where sighting wild animal is more frequent. They often observe plants and animals whose identification is not known to the observer. Therefore to enhance the documentation of such observations it is proposed to provide Cameras to each patrolling squad of AntiPoaching Watchers for documentation work in Camp. This is essential for improving documentation of biodiversity and other observations. All India Tiger Estimation will be carried out during 2018. For maintenance of Range Finder, Compass, Binoculars etc, lumpsum provision is made
Strengthening	Core Area: Construction of Kitchen	16.2.1	1.6	3.00	5.00	1.000 Construction of Kitchen, Toilet and Electrification to existing Antipoaching shed at S.M.Kovil area * 300000.000 = 300000.000 4.000	300000.000 250000.000	13.00	8.65, 77.33	This antipoaching shed is located in a strategic place and providing kitchen, toilet and electrification to the Antipoaching shed are very essential. These Antipoaching Sheds are located in strategic places and providing kitchen and toilet facilities are very essential so as to reduce human wildlife conflict.

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						Construction of Kitchen and Toilet at Kaliparpulmottai, Engikuli, Karuthalipudavu and Kandamparai Anti - Poaching Shed 250000.000 = 1000000.000				
Strengthening	Core Area: Creation of fire lines and fire breaks.	16.2.6	2.4.1	30.735	275.00	200.000 Annual maintenance of fire lines of 6 mt. width. * 9795.000 = 1959000.000 75.000 Clearing Reserve/Sanctuary boundary at 6 mtr width. (including inter state boundary). * 6855.000 = 514200.000	9795.000 6855.000	24.73		There are already 680 km of fire lines available in this Tiger Reserve. They need to be maintained every year in order to control fire, fight fire by setting counter fire from these fire lines, etc. These fire lines are cleared along the roads, trekking paths, bridle paths, so that they will serve for both the purposes. Provision is made for 300 Kms. Hence this item may be sanctioned. Routine maintenance of R.F. and beat boundaries is undertaken every year. They not only keep the encroachers away and also serve as firelines. There are many private plantations around Kalakad Mundanthurai Tiger Reserve from which fire escapes into the sanctuary. To avoid such accidental fires these boundaries have to be maintained annually. Hence this may please be allowed. The distance is arrived excluding the length of solar fence formed so far which is being maintained under separate component.
Strengthening	Core Area: Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring.	16.2.14	2.6.2	4.50	6.00	5.000 Engaging Computer operators @ Rs 10000/- per month x 12 months. * 120000.000 = 600000.000 1.000 Documentation Work 50000.000 = 50000.000	120000.000 50000.000	6.50		05 numbers Computer Operators were allowed last year. Provision for the year 2018 -2019 is made for the same. The works and all activities carried out under this scheme will be documented and maintained. This may be sanctioned on priority.
Strengthening	Core Area: Procurement of Hardware.	16.2.10	5.1	36.00	115.00	100.000 Procurement of Camera traps. * 25000.000 = 2500000.000 10.000 Purchase of GPS units @ Rs. 15000/- per unit. * 15000.000 = 150000.000 4.000 Computer * 75000.000 = 300000.000 1.000 Purchase of multi purpose scanner, copier and printer * 200000.000 = 200000.000	25000.000 15000.000 75000.000 200000.000	31.50		All India Tiger Estimation will be carried out during 2018. Phase IV monitoring to be covered the entire Tiger Reserve. For that 450 camera traps are required. Out of the 384 camera traps available, 280 camera traps are in functional stock including the sanctioned quantity during 2017-18. Therefore it is proposed to procure 100 camera traps. Provision is made as per Government of India letter No. F/15-17/2010 National Tiger Conservation Authority dated 03.12.2014. It is proposed to provide laptops to 7 Ranges and 1 Forest Protection Squad during the year of the total 12 Ranges to enable better implementation of M-Stripes initiatives. For documentation of Phase IV Tiger database and wildlife population estimation a multi purpose scanner, copier and printer is required. Hence the provision
Addressing man animal conflict	Core Area: Creation of crop protection structures. (Solar Power Fence, Chain-Link Fence, Nylonforce)	16.4.1.2	4.2	0.0	16.00	1.000 Formation of Elephant proof trench at Kaliparpulmottai, Engikuli, Karuthalipudavu and Kandamparai Anti - Poaching Sheds * 200000.000 = 200000.000 15.000 Maintenance of	200000.000 8000.000	3.20	8.67, 77.21	It is proposed to create Elephant Proof Trench around the Anti poaching camp sheds to protect the human lives and the shed. The sheds are located in the remote place. Hence the provision. For routine maintenance of electric fencing already erected, this amount is required. These fences require regular maintenance such as clearing ground growth, tightening the wire wherever needed, strengthening the posts wherever needed, painting of

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						Solar powered fences * 8000.000 = 120000.000				posts where rust is formed, replacing batteries in case of drained out batteries and replacement of components which are damaged by animals as well as passers. Hence this may be allowed.
Addressing man animal conflict	Core Area: Procurement of traps to catch problematic animals.	16.4.1.3	4.2	2.00	1.00	1.000 Procurement of trapping cages, devices to control and drive back the strayed animals, driving back the crop raiding elephants, rescue of wild animals, rehabilitation & Postmortem charges etc * 200000.000 = 200000.000	200000.000	2.00		Out of the total 50 beats in KMTR, about 30 beats are facing towards the eastern side and forming boundary with the adjoining villages and wild animals are sometimes come out of the forests and human wildlife conflicts are evident. Hence to tackle such wildlife and to rescue and to do translocation, procurement of light weighed trapping cages and to meet out the driving back operation wildlife, this component is highly essential. Hence the provision.
Mainstreaming wildlife concerns	Core Area: Habitat improvement measures.	16.10.1.5	3.3	6.00	1.00	1.000 Construction of solar water trough and habitat improvement for enhancing fodder availability * 500000.000 = 500000.000	500000.000	5.00	.80, 77.31	Near Illupaiyar straying of wildlife is taking place often and to prevent it has been proposed to provide water through solar faciliating as well as improvement of the habitat to enhance fodder availability.
Staff Development	Core Area: Study tours for appraisal of good practices in other reserves.	16.8.5	6.2	0.0	1.00	1.000 Conducting study tour for the appraisal of good practices in other reserves, including TA and DA * 150000.000 = 150000.000	150000.000	1.50		Exposure visits are required for staff also. Many staff are not well versed with wildlife management. The caliber of staff is very poor due to the recruitment policy. Due to the judicial intervention we are not able to recruit qualified candidates from the fresh lot. There is no other alternate than mending the available staff and make them some what fit to the challenges we face in tiger conservation. Seeing is believing, it is worth taking them to see the good practices in other Tiger Reserves. They can learn more by interaction with the park staff of other Tiger Reserves. Hence this may please be allowed.
Project Allowance	Core Area: Provision of Project Allowance to staff (all categories) of Project Tiger (providing project allowance to Ministerial staff is a new component) (non recurring). Separate for all categories. See from guide lines	16.15	7.1	15.00	1.00	1.000 Project allowance to staff as per the guidelines of Government of India * 1500000.000 = 1500000.000	1500000.000	15.00		To encourage the staff to work in Tiger Reserve, this component is essential. In KMTR one CCF&FD, two DDs, 8 Wildlife Rangers and 4 Eco Rangers/Assistant Wildlife Wardens, 13 Foresters, 50 Nos. of Forest Guards, 46 Forest Watchers, 13 Supernumerary APWs and 52 Nos. of ministerial staff are working. The increased provision is due to additional 20 Forest Guards and 20 Forest Watchers on account of reorganization of Beats. Hence this increased provision may be sanctioned.
Staff welfare	Core Area: Supply of medicine	16.16	1.4	0.0	1.00	1.000 Purchase of First Aid Kit * 200000.000 = 200000.000	200000.000	2.00		All the antipoaching camps, interior camping sites would be provided with first aid kit with necessary medicines to Kalakad and Ambasamudram divisions.
Fostering Tourism	Core Area: Activities for reducing resource dependency	16.17	1.1	5.00	10.00	10.000 Enhancing alternate income generation activities in existing VFCs / EDCs 1. Ayanarkulam 2. Sankarapandiapuram 3. Paultheru 4. Keelmugam Kallidai 5. Rajiv Nagar 6. Paclapuram 7. Aathiyankulam 8. Nambithoppu 9. Keelakattalai 10. Melamavadi *	750000.000	7.50		Under FREEP project 132 villages were identified and VFCs formed. 96 VFCs were formed in Project Tiger Scheme. Totally 228 VFCs were formed. Income generation activities were carried out in these villages. As per the guidelines of NTCA 5 km belt of the Tiger Reserve has been declared as Buffer Zone and it covers 241 villages. Only a small initial deposits was deposited in some villages which were tackled under FREEP. It is not sufficient for income generation activities. This financial assistance is highly essential to enhance the working system of VFCs/EDCs and upgrade the socio-

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						75000.000 = 75000.000				economic profile of VFCs. Hence the amount may be allowed.
Fostering Tourism	Core Area: Wildlife Conservation Awareness	16.17	5.1	6.50	14.00	1.000 Providing signages in the Tiger Reserve * 200000.000 = 200000.000 200000.000 = 200000.000 10.000 Maintenance of publicity and awareness boards * 25000.000 = 250000.000 1.000 Preparation of publicity and awareness boards, printing brochures and booklets, preparation of stickers, etc * 75000.000 = 75000.000 1.000 Providing Nature camps and Trekking Programme 200000.000 = 200000.000 1.000 Conducting wildlife week celebrations, world forestry day, 150000.000 = 150000.000	200000.000 25000.000 75000.000 200000.000 150000.000	8.75		There are very few signage boards in this Tiger Reserve. It is proposed to display signage boards in KMTR roads, near Rest houses, dormitories, etc to create awareness among the tourists. Hence this may be allowed. There are many publicity and awareness boards, warning boards in and around the Tiger Reserve. Even some boards are erected in farthest places such as Tirunelveli in order to attract the tourists by giving wide publicity. These boards have to be maintained in a phased manner. Hence this may be allowed. Many signage boards in the reserve are old one with faded away paints. To revitalise those boards this component is included. The awareness boards have to be displayed in various places of the Tiger Reserve. Other publicity materials such as stickers, brochures, etc which are consumable are required to be printed this year in order to meet demands from the visiting students and tourists and create more awareness about the biodiversity and significance of KMTR. Preparation of different brochures on various forms of Biodiversity such as insects, ferns, trees, reptiles, bats etc., is planned this year. Hence this may please be allowed. To create eco awareness among the tourists and school children and to sensitize them about the nature conservation and wildlife protection, this component is included. Every year it is proposed to celebrate all important days with respect to natural biodiversity / conservation in Kalakad Mundanthurai Tiger Reserve in order to create awareness among the public.
	Total (Non-Recurring):							218.43		

Recurring (Core + Buffer)

(Rs. in lakhs)

Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY	Current Financial Year				GPS	Justification
					No. of Items (Physical Target)	Sub-item Details	Unit Price (Rs.)	Total (Fin. Target)		
Anti-Poaching	Buffer Area: Deployment of local work force for patrolling, surveillance of water holes, manning barriers.	16.1.9	2.4.1	9.47	1336.00	970.000 Engaging labourers for fire brigades * 326.500 = 316705.000 6.000 Engaging anti-poaching watchers. Totally 6 watchers @ Rs 6750 per month for 12 months. Kanyakumari and Tirunelveli Division * 81000.000 = 486000.000 350.000 Engaging labourers for fire brigades Kanyakumari and Tirunelveli Division * 326.500 = 114275.000 10.000 Engaging fire watchers 10 nos for 4 months Kanyakumari and Tirunelveli Division 32650.000 = 326500.000	326.500 326.500 32650.000	12.43	This item of work is highly necessary as the forest fire could not be controlled with our staff alone. The labourers have to be engaged for firefighting, and they demand wages. As these labourers are from the eco-development villages, they will also get employment during the fire season. Each camp consisting of 6 Anti poaching watcher's on a rotation duty of 3 per camp / per week in 24 x7 jungle camping Range duties alternatively. Hence there is a requirement of 6 anti-poaching watchers from the local villages. The payment of wages will be as per the amount approved by Government of Tamilnadu for APWs. Hence the provision During the fire season every year, there is urgent requirement of engaging of local people from the abutting villages for fire-fighting operations. This also brings intelligence to the department from the villages and also gainfully	

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											employs local youth in the departmental fold, thereby reducing fire-incidences. During fire season sufficient number of fire watchers have to be engaged to put of fires and they will also assist the antipoaching watchers during this period. Two fire watchers for one beat to assist the Forest Guard and watcher are required. Some beats in the plains are omitted. These fire watchers will roam daily and inform when any fire is noticed. They will be also a reserve force for firefighting as they are mobilized during firefighting operations. They will be engaged for four months only from April to July. Hence fire watcher for 4 months may be sanctioned.
Strengthening	Buffer Area: Maintenance of (staff quarters, family hostels, office improvement, house keeping buildings, museum).	16.2.1	2.1.3	0.0	8.00	4,000 Improvement of Wood House, dormitory and museum and orchidarium at Thalayanai * 200000.000 = 800000.000 4,000 Improvement of Non-residential buildings such as offices, Rest houses, dormitories. * 200000.000 = 800000.000	200000.000 200000.000	16.00	8.52, 77.50 8.68, 77.34	Thalayanai forest area located at the foothill is an important eco-tourism area. Therefore, to create eco-awareness it is proposed to improve the orchidarium and other facilities. Hence, the provision. In Ambasamudram and Kalakad divisions Inspection bungalows, Wood houses have to be improved as these Rest houses are frequently camped for inspection by the Field Director and Deputy Directors and it requires regular maintenance. Improvement of these facilities is essential for enabling operation of the Offices and Rest House and Dormitory. The sanction for the year 2017-18 is not sufficient. Hence the provision. It is proposed to improve the flooring and electrification works in the rest house for enabling occupation. Hence the proposal.	
Anti-Poaching	Core Area: Deployment of anti-poaching squads.	16.1.2	1.1	75.33	110.00	110,000 Engaging anti-poaching watchers. Totally 110 watchers @ Rs 10000/- per month for 12 months. * 120000.000 = 13200000.000	120000.000	132.00	There are 110 Anti-poaching watchers (APWs) permitted for Kalakad Mundanthurai Tiger Reserve for engagement in anti-poaching camps and conservation works. APWs would be engaged based on sanctions. Therefore, wages for 110 APWs are proposed and this may be approved.		
Anti-Poaching	Core Area: Deployment of camp labourers for patrolling.	16.1.3	1.4	4.00	30.00	30,000 Maintenance of existing patrolling camps, deployment of camp labourers for patrolling including monsoon patrolling, etc. * 40000.000 = 1200000.000	400000.000	12.00	Series of antipoaching camps are established covering about 10 Sq.Km each camp. There are 35 such locations and camping is done in each location. Each camp will be manned by one Forest Guard with weapon assisted by anti-poaching watchers. They will stay there for about 5 to 6 days and they will perambulate the area and check for any illegal activities If funds are provided by Project Tiger round the year protection shall be ensured. Provision is made for 30 camps. Hence this may be approved. During fire season sufficient number of fire watchers have to be engaged to put of fires and they will also assist the antipoaching watchers during this period. Two fire watchers for one beat to assist the Forest Guard and watcher are required. Some beats in the plains are omitted. These fire watchers will roam daily and inform when any fire is noticed. They will be also a reserve force for firefighting as they are mobilized during firefighting operations. They will be engaged for four months only from April to July. Hence fire watcher for 4 months may be sanctioned.		
Anti-Poaching	Core Area: Legal support for	16.1.13	1.5	1.00	1.00	1,000 Legal support for defending cases in the	250000.000	2.50	To meet out the expenses and to win the cases in various courts, this		

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	defending court cases.						court Logistics to prosecute the offenders and to gather intelligence * 250000.000= 250000.000				amount is essential. Hence this may be sanctioned. This provision is made for sundry expenses incurred by the staff during dealing of series wild life offences and remand the accused. Similarly during investigation also expenditure is incurred which is not met by any other funds. Hence this may be allowed.
Anti-Poaching	Core Area: Maintenance of existing patrolling camps/chowkis and deployment of camp labourers for patrolling.	16.1.3	4.2	0.0	8.00		4.000 Improvement of Anti-Poaching Shed at Kaliparpul mottai, Injikuli, Kandamparai and Karuthalipudavu 50000.000 = 200000.000 1.000 Improvement of AP Shed at Vaniyankalpudavu *250000.000 = 250000.000 1.000 Construction of Antipoaching shed at Melapasukiddlai * 500000.000 = 500000.000 1.000 Improvement of Anti poaching shed at Muthukulivayal by providing EPT and retaining wall, Upperkodayar Range * 250000.000= 250000.000 1.000 Improvement of Vannathiparai anti poaching shed at Nambikovil beat of Thirukurugudi Range * 200000.000 = 200000.000	50000.000 250000.000 500000.000 250000.000 200000.000	14.00	8.43, 77.49 8.82, 77.30 8.49, 77.38 8.43, 77.49	Improvement of Antipoaching Camp sheds at Injikuli, Kaliparpul mottai, Kandamparai and Karuthalipudavu of Mundanthurai Range are proposed so as to keep the antipoaching sheds in good condition fit for stay by the antipoaching team, perambulation staffs and surprise monitoring teams. Hence the provision. This camp is located very near to the inter-state boundary and vulnerable and sensitive are protected. Therefore, it is proposed to improve the antipoaching shed for enabling conducting of camp. Melapasukidai is a strategic location between lower and upper slopes and vulnerable for movement of unauthorised people. Hence, it is proposed to construct and establish antipoaching camp. Improvement of Antipoaching Camp at Muthukulivayal of Upperkodayar Range, Vannathiparai and Chinnamanjolai of Thirukurugudi Range are proposed as to keep the Antipoaching Camps in a good condition fit for stay by the Antipoaching team, perambulation staff and surprise monitoring teams. Therefore, it is proposed to improve these antipoaching sheds. Improvement of Antipoaching Camp Vannathiparai of Thirukurugudi Range are proposed as to keep the Antipoaching Camps in a good condition fit for stay by the Antipoaching team, perambulation staff and surprise monitoring teams. Therefore, it is proposed to improve these antipoaching sheds.
Anti-Poaching	Core Area: Maintenance of office equipment.	16.2.1	2.6.1	0.0	3.00		1.000 Cost of regular and computer stationaries (PCCF& CWLW, CCF&FD, Ambai and Kalakad) * 300000.000 = 300000.000 1.000 Fuel for Generator in Chief Conservator of Forests and Field director office, Ambai and Kalakad Divisions. Fuel for oil motors fixed near water hole points in Ambai division. Maintenance of Generator in Chief Conservator of Forests and Field director office, Kalakad and Ambai Divs * 300000.000 = 300000.000 1.000 Cost of office equipments at Field Director's Office, Tirunelveli * 200000.000 = 200000.000	300000.000 300000.000 200000.000	8.00		2 Deputy Director Offices, 7 Range Officers and 4 ECO - Development Range offices and Field Director's Office are attached to KMTR. The paper works are increasing day by day. Hence this provision is sufficient to meet the stationery articles needed by all these offices. Hence this provision. When power cut happens the Generators installed in the Offices of the Field Director and Deputy Director, Ambai and Kalakad divisions are to be used. Lumpsum Provision for Purchase of fuel and oil is provided. This may be allowed. Oil motors have been fixed near water hole points in the areas of Ambai division. The motors have to be maintained. Hence the provision. The Generators in the offices of the Field Director, Tirunelveli and Deputy Director, Ambai and Kalakad divisions are to be maintained during this year. Hence Lumpsum provision is made. To equip and maintain the office equipments for documentation of works, hence the provision
Anti-Poaching	Core Area: Maintenance of wireless tower.	16.2.3	2.6.6	0.0	3.00		1.000 Replacement of spares to the office equipments, maintenance of the equipments,	250000.000 150000.000	5.50	8.57, 77.34	For the maintenance of equipments such as computers, printers, Power supply units, Xerox machines, batteries, walkie talkies, solar

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						wireless sets etc * 250000.000 = 250000.000 2.000 Maintenance of existing repeater station including painting to the repeater tower and also maintenance of base set batteries and also procurement of wireless batteries for walkie talkie. * 150000.000 = 300000.000				lamps, motors, pumps, etc., provision is made as they are growing old day by day and develop problems in running. Repeater station at Kuthiraivetti is old one. The iron tower which is situated near the station has to be painted as it rusted. All base set batteries and wireless set batteries have to be replaced since the charge in wireless sets of field staff is getting down very frequently. The repeater station at Thirukurungudi is also to be maintained.
Anti-Poaching	Core Area: Procurement/Maintenance of elephants squads	16.1.11	4.1	0.0	1.00	1.000 Maintenance of Sniffer dog in Kalakad Mundanthurai Tiger Reserve * 300000.000 = 300000.000	300000.000	3.00		TRAFFIC INDIA has been conducting Wildlife Sniffer dog training and induction programme to support Wildlife Enforcement activities in Tiger Reserve and protected areas. The TRAFFIC INDIA has stated that the programme is very successful besides being very effective in evidence collection for use in prosecution. Accordingly, one Anti-poaching watcher from Kalakad Mundanthurai Tiger Reserve was deputed to undergo Sniffer Dog training in National Training Centre (Dog), Qualier Madhya Pradesh. He underwent Sniffer Dog training for 8 months and he returned after training on 11.10.2016 with Sniffer Dog ?NEX?. Training to the dog and its maintenance is being done by the anti-poaching watcher. Provision is made as per estimate for maintenance of sniffer dog such as feeding, medical and other miscellaneous expenses.
Anti-Poaching	Core Area: Rewards to informers.	16.1.12	1.2	0.50	2.00	1.000 Secret service fund (including Reward) * 750000.000 = 750000.000 1.000 Secret service fund (including Reward) * Kanyakumari and Tirunelveli Division * 25000.000 = 25000.000	750000.000 25000.000	1.00		Useful information intelligence regarding illegal activities etc., can be tapped only by giving incentives to the informants. Though no hunting takes place inside the sanctuary limits, there are sporadic incidents in which some wild animals outside the sanctuary boundaries are killed for meat. The informations provided by these informers helps to curtail poaching in outside the Tiger Reserve area. Register is maintained for this purpose. Useable intelligence regarding illegal activities etc., can be tapped only by providing some incentive to informants and also reimbursing their expenditure in connection with supply of information. This needs to be provided to strengthen protection. Hence the provision.
Strengthening	Core Area: Maintenance of DD/DFO Office	16.2.1	2.1.3	5.00	2.00	1.000 Construction of Record room Wireless room & Meeting Hall in Deputy Director Office Ambasamudram. 800000.000 = 800000.000 1.000 Providing compound wall from DD office to DD Camp Office in Kalakad division * 400000.000 = 400000.000	800000.000 400000.000	12.00	8.71, 77.45 8.71, 77.45 8.71, 77.45 8.51, 77.52	At present no record room and meeting hall is available in Deputy Director's office. Hence provision is made. In Deputy Director's camp office back side a stream is running during the rainy days. Soil erosion takes place near the Deputy Directors Camp office. To stabilize the building providing compound wall is absolutely necessary. Hence the provision
Strengthening	Core Area: Maintenance of FD Office	16.2.1	2.1.3	0.0	2.00	2.000 Improvement of Office buildings (Field Director's Office and Eco Development Office at Tirunelveli) * 400000.000 = 800000.000	400000.000	8.00		The Offices of the Field Director and Eco Development Officer at Tirunelveli have to be improved by providing wooden shelf fixing inside the wall for each subject Assistants and Superintendents to keep the records in a safety manner. Further the computer operators are to be provided separately with cabin. The Chamber of the Field Director has to be modified. Huge amount is required for these works and hence

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										provision is made which may please be allowed.
Strengthening	Core Area: Maintenance of fire watch tower.	16.2.4	4.2	0.0	4.00	1.000 Maintenance of Watch Tower at Muthukulivayal of Upper Kodayar Range * 200000.000 = 200000.000 1.000 Improvement of pathway to Dr.Melkani Watch Tower * 100000.000 = 100000.000 2.000 Improvement / maintenance of Watch Tower * 200000.000 = 400000.000	200000.000 100000.000 200000.000	7.00	8.49, 77.38 8.66, 7.33 8.59, 77.35	The watch tower has been constructed at vantage points (i.e) fire prone area. This is highly useful during fire season to watch the fire prone areas round the clock. These watch tower has to be maintained. Hence the provision. It is proposed to improve the existing pathway for enabling access to the watch tower to monitor wildlife movement and accessed in communication for protection work. To monitor fire and movement of wildlife and unauthorized personnel it is proposed to improve the watch towers. Hence the proposal.
Strengthening	Core Area: Maintenance of Forest Guard Quarters.	16.2.1	2.1.1	5.00	20.00	5.000 Improvement of Combined Forest Guard and Watcher Quarters at Kodamady, Kannikatti, Pathermalai, Karaiyar, Mylar beat in Mundanthurai Range * 150000.000 = 750000.000 10.000 Improvement Residential buildings * 60000.000 = 600000.000 1.000 Providing Protection wall around the quarters of Reddiyarpuram of Kalakad Range * 300000.000 = 300000.000 4.000 Improvement of Residential Buildings at Tirunelveli * 50000.000 = 200000.000	150000.000 60000.000 300000.000 500000.000	18.50	8.71, 77.37 8.65, 77.51 8.69, 77.73	Replacement of electric wires, doors, windows and improvement of floor. At present combined Forest Guard, Forester and Driver quarters in Ambassamuthiram Range got severely damaged. Roof is leaking and wiring got damaged. Hence roofing and wiring needs to be done. It is proposed to construct protection wall to the Reddiyarpuram Forest staff quarters to prevent entry of unauthorised people and cattle. Some of the residential buildings of the field staff are very badly damaged. The roofs are leaking during rain. The flooring is damaged. The re-electrification works have to be done. The toilets require dismantling and improvement. Hence the amount is required. If we are able to repair these buildings we can make the staff to stay in these buildings as at present the staff are not willing to stay due to the condition of these buildings.
Strengthening	Core Area: Maintenance of Foresters Quarters	16.2.1	2.1.1	0.0	1.00	1.000 Improvement of Forester quarters available at Kooniyoor at Eco Campus of Kalakad Range * 250000.000 = 250000.000	250000.000	2.50	8.67, 77.54	The Forester quarters is in a very bad condition. Flooring, wiring, doors, windows to be replaced. Hence the provision.
Strengthening	Core Area: Maintenance of Hardware.	16.2.10	7.1	0.0	1.00	1.000 Maintaining of camera traps and their cases and photo printing charges * 75000.000 = 75000.000	75000.000	0.75		At present 280 Camera traps are in functional stock available in KMTR. Every year cameras / their cases get damaged. To maintain the camera traps, and for printing and other charges, this provision is made.
Strengthening	Core Area: Maintenance of Rangers Quarters.	16.2.1	2.1	6.00	1.00	1.000 Improvement of Forest Range Office and Ranger Quarters (E.B. Connection) * 200000.000 = 200000.000	200000.000	2.00	8.80, 77.29	It is proposed to provide electricity new connection to the Forest Range Officer quarters and office. Hence this proposal may be allowed.
Strengthening	Core Area: Maintenance of road network.	16.2.2	2.2.2	8.00	150.00	150.000 Trekking path clearance. @ Rs 3900 per Km * 3900.000 = 585000.000	3900.000	5.85		These paths are used for antipoaching camps, monsoon raids, and also to perambulate the areas. Hence this may be allowed.
Mainstreaming wildlife concerns	Core Area: Monitoring of wild animals.	16.10.1.3	2.16	0.0	532.00	380.000 Procurement of batteries, memory cards etc, for the existing and proposed 380 camera traps * 1000.000 = 380000.000 1.000 Conducting Population Estimation * 300000.000 = 300000.000 1.000 Expenses for GRID survey and fixing of cameras in each grids including field level data collection and other expenses like food, shelter, transportation for 6 months	1000.000 300000.000 200000.000 2500.000	12.55		For the existing and proposed camera trap, batteries have to be procured, and they are lasting only for 20- 25 days. For doing phase IV monitoring two times replacement of batteries is essential to complete 45 days protocol. Batteries and memory cards have to be procured every year as they used in high altitude areas / adverse climate. Hence the proposal. 7 Ranges @ 40 personnel in each range will be trained and involved in census operation. This amount will be utilized for training, transportation, hospitality charges

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						* 200000.000 = 200000.000 150.000 Laying and maintenance of 2 km transect lines in all beats (@ Rs.2500/- per Km for 30 Beats) * 2500.000 = 375000.000				and honourium to the students, Eco Development Committee members and volunteers. To conduct phase IV tiger monitoring grid survey has to be undertaken. To meet out the expenses related to grid survey, field level data collection this component is included. Hence the provision. In Kalakad Mundanthurai Tiger Reserve totally 50 beats are there in both divisions. About 70 transect lines each 2km length totally 140 km length has to be maintained to carry out the population estimation exercise. Hence this may be sanctioned.
Staff Development	Core Area: Capacity building and training.	16.8.1	8.2	0.0	5.00	1.000 Training and Engaging Eco-Guides * 150000.000 = 150000.000 1.000 Skill building / Vocational Training to youth from VFCs / EDCs Villages * 150000.000 = 150000.000 1.000 Conducting Sensitization and training camps to the staffs, NGO's and volunteers etc., in the field of wild animal population estimation. Specialised training programme for Phase IV monitoring (1. Training, 2. Engaging qualified workers 3. Field level data collection) * 300000.000 = 300000.000 1.000 Specialized training in the use of GIS, GPS, Antipoaching operations, jurisprudence and wildlife offences * 50000.000 = 50000.000 1.000 Capacity building, training to front line staff in the field of wild animal rescue, rehabilitation and conflict resolution. * 100000.000 = 100000.000	150000.000 150000.000 300000.000 50000.000 100000.000	7.50		The tourists who attend the nature camps and other regular tourists will be taken into the forests by the guides. These guides will be given suitable training by the wildlife experts in identification of animals, birds, etc. They will carry binoculars etc during such field visits and assist the tourists in spotting animals and other wildlife such as birds, butterflies, etc. Vocational training for the youths of Village Forest Committees and also for the tribal hamlets should be imparted to increase the scope of livelihood opportunities and to create more career oriented programme for the school drop outs, and those who left education after certain level there by to increase job opportunities and to increase the relocation process from Tiger Reserve. Skill building, training as preferred by the people will be imparted to enable them to undertake livelihood activities. To conduct phase I, Phase IV tiger, co-predators and herbivores population estimation laying and maintenance of transect lines and doing grid survey are highly essential. For tiger monitoring protocol involvement of field staff, NGO's and Volunteers are also included, and they are to be imparted training before undertaking census operation. Hence the provision. To equip the field staff in GIS, GPS operation, the training programme is highly essential. Hence the provision. Capacity building trainings for the field staff including Antipoaching Watchers have to be imparted in the field of wild animal care, rescue and control of wild animals in case of any emergency. Hence this provision is made as per the MEE report.
Habitat Improvement	Core Area: Grass land improvement, wetland improvement	16.3	3.4	3.25	100.00	50.000 Maintenance / improvement of grassland * 13000.000= 650000.000	650000.000	6.50	GPS location are provided in Annexure I	At present only smaller population of spotted deers are available in tiger reserve, that too its population exists only in Mundanthurai plateau. Hence to improve the habitat suitable for cervidae species, this provision is made.
Habitat Improvement	Core Area: Water retention structures	16.3	3.3	3.750	8.00	1.000 Providing water to waterholes in Mundanthurai plateau from Banatheerham to ensure perennial water supply to improve the habitat * 1000000.000 = 1000000.000 1.000 Providing water facilities from natural resources to dry areas through filling up of water	1000000.00 300000.000 300000.000 75000.000	22.00	8.67, 77.35 8.68, 77.37 8.58, 77.54 8.40, 77.54	Mundanthurai plateau is an important habitat for tiger, elephants, indian gaur, spotted deer etc. In order to improve the habitat in the plateau as well as to provide water to the MPCA nursery, this important work is proposed. Implementation of this activity will solve water shortage in the plateau as well as in the medicinal plant conservation nursery. The creation of this facility will also provide

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						troughs. * 300000.000 = 300000.000 2.000 Providing water facilities from natural resources to dry areas through filling up of water troughs. * 300000.000 = 600000.000 4.000 Desilting and repairing old water holding structures already constructed under various schemes inside the Tiger Reserve. @ Rs 0.75 lakhs each * 75000.000 = 300000.000				drinking water to Kani tribals. This facility will be called Agasthiar Theertham (Sacred water of Sage Agasthiar) In the Papanasm Range of Ambai division, in the beats water become scarce during summer season. Hence creating water holes by providing borewell/by bringing water by gravity is essential to cater the water need for wildlife and also to avoid straying outside forests in search of water. In all the three Ranges of Kalakad division, in the beats water become scarce during summer season. Hence creating water holes by providing borewell/by bringing water by gravity is essential to cater the water need for wildlife and also to prevent human wildlife conflict. There are several check dams and percolation ponds constructed in this Tiger Reserve under various schemes. Many of these structures are damaged due to flash floods as the years passed. Many of them are silted with sand and clay. If these structures are repaired and desilted they will serve for further few years as water and soil conservation structure which will benefit both flora and fauna. It is proposed to undertake these works in a phased manner. For this purpose, provision is made which may please be approved.
Habitat Improvement	Core Area: Weed eradication	16.3	3.2	9.135	75.00	25.000 Eradication of forest invasive species (2nd year maintenance) * 11777.000 = 294425.000 40.000 Eradication of invasive species (Fresh removal) * 23208.000 = 928320.00	11777.000 23208.000	12.22	GPS location as per Annexure-I	Exotic weeds which are not palatable are suppressing the natural palatable species. If these weeds are not removed the food for the herbivores will become scarce and their population may go down. Hence it is proposed to remove all these weeds manually and assist natural regeneration of palatable grass and other species in order to improve the food supply to the herbivores on which carnivores depend for their food needs. This is one of the major interventions in park management. During 2017-18 Eradication of Forest invasive species was sanctioned for 25 ha. Provision is made for 2nd year maintenance during 2018-19. Provision is made as per Pccf#39;s ref. no TS1/30403/2013 dated 21.10.2014. For fresh removal of invasive species during 2018-19, provision for 80 ha is made which may be sanctioned.
Co-occurrence agenda in buffer	Core Area: Co-occurrence agenda in buffer and fringe areas (landscape approach, sectoral integration, ecologically sustainable development programmed, livelihood options and eco-tourism) (new activity in case of tiger reserves where buffer has not been notified so far).	16.5	1.1	0.0	14.00	2.000 Entry point activities in Buffer villages Kanyakumari Division Puravilai Thottamalai * 75000.000 = 150000.00 2.000 Enhancing income generation activities in buffer villages Kanyakumari Division Mudavan Pothai Mallamuthankarai * 75000.000 = 150000.00 8.000 Engaging eco-sanitary watchers @ Rs.326.50/- per day. Totally 8 watchers / month for 12 months. * 97950.000 = 783600.000 1.000 Pilgrims pressure due to temple in KMTR * 150000.000 = 150000.000 1.000 Vocational Training to youth for adopting alternate livelihoods	75000.000 75000.000 97950.000 150000.000 50000.000	12.84		This amount is provided for the purpose of entry point activities such as water facilities, road facilities, small bridges, temples, halls etc have to be constructed in the programme village to get good will of the people. This is very much needed to improve the infrastructure facilities in forest fringe villages. The initial deposit to be made to the joint account of member secretary and the elected president, after following due process of formation and registration of VFC. This financial assistance is highly essential to enhance the working system of VFCs/EDCs and upgrade the socio-economic profile of VFCs. Hence the amount may be allowed. There are tourist spots and pilgrim centers in this Reserve. These areas are highly visited by tourists

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						Kanyakumari and Tirunelveli Divison 50000.000 = 50000.000				especially on holidays, festival days and vacations. Due to this lot of pollutions are seen especially throwing of poly bags, water bottles, plastic wastage, debris etc. They are highly hazardous to the animals, especially deer population. Hence throwing polybags and littering the sanctuary grounds have to be prevented. Hence it is proposed to engage these watchers with special uniform indicating their role as environmental guards. Further the tourists will be checked at check posts with the help of these eco-watchers and any hazardous materials will be seized from them. The debris will be collected and disposed off safely and periodically. Hence engaging Eco Sanitary Watchers is absolutely necessary for the above purpose. Hence the provision. (Commissioner of Labour, Chennai no. Z3/4053/2015 dated 11.03.2015, PCCF ref.no. 9558/2015/TS1 dated 09.04.2015) The pilgrims visited during Aadi amnavasai festival and other festivals in Sorimuthu Ayyanar Kovil of Mundanthurai Range every year. The crowd of the devotees is increasing year by year. To create awareness among the public about the importance of forests and wildlife, erection of barri guards in the temple area to control the crowd and to encourage the volunteers, this provision is made as per MEE report. Vocational training for the youths of Village Forest Committees and also for the tribal hamlets should be imparted to increase the scope of livelihood opportunities and to create more career oriented programme for the school drop outs, and those who left education after certain level there by to increase job opportunities and to increase the relocation process from Tiger Reserve.
									336.64	
										Total (Recurring):

(Rs. In lakhs)

S. No.	Items	Sanction	Central Assistance
1	Non-Recurring (60%)	218.43	131.06
2	Recurring (50%)	336.64	168.32
	Total	555.07	299.38

(Rs. In lakhs)

Cost of APO including State's share	A	555.07
Center's share in APO	B	299.38
1 st release @ 80% of Center's share	C=0.8*B	239.504
Less: Unspent balance FY 2017-18	D	9.068
Adjusted 1 st release	E=C-D	230.436
2 nd release @20% of Center's share	F=0.2*B	59.876

* 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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