

No. 4-1(13)/2016-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 30th June, 2016

To,
The Sr. 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 2016-17.

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. 487.135 Lakhs (Rupees Four hundred Eighty Seven Lakhs Thirteen thousand Five hundred only)** as per details given in the annexure. Of the total cost of the scheme, Rs. 270.622 lakhs being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India** and the **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. 183.418 lakhs (Rupees One hundred Eighty Three Lakhs Forty One thousand Eight hundred only)** including of 10% flexi-fund to the State Government towards the Grants-in-aid to Government of Tamil Nadu during the current financial year 2016-17. 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 2005, 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 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 208(6)(iv)(a).

- (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 Utilisation 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 alongwith Utilisation Certificate in prescribed format on or before 31.3.2017.
- (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 2015-16 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 209(xiii).
- (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, Forest 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) Payments are made by bank transfer and no cash payment is to be made.
- (xxii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.



- (xxiii) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work to be uploaded in the website of the State Government and Centre for public viewing.
- (xxiv) The UCs with photographs and progress report are to be uploaded in the website of the State Government and Ministry for public viewing.
- (xxv) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxvi) In case of employment through contract, copy of PF & ESI of employees shall be furnished.
- (xxvii) UC is to be submitted as prescribed in GFR.
- (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) Measurable parameters for outcome / impact assessment shall be incorporated in sanction order 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 G&AG.
- (xxxiii) All guidelines under the project is to be followed scrupulously.
- (xxxiv) 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. are required to be depicted in the progress report.

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 Planning Commission and 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 for implementation of National Tiger Conservation Authority shall 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. **Further, Ministry of Finance, D/o of Expenditure, Plan Finance-II Division, vide O.M.No.55(5)/PF.II/2011 dated 06-01-2014, has introduced a flexi fund component within the Centrally Sponsored Schemes (CSS) to achieve the following objectives:**

- i) **To provide flexibility to States to meet local needs and requirements within the overall objective of each programme or scheme;**
- ii) **To pilot innovations and improved efficiency within the overall objective of the scheme and its expected outcomes;**



- iii) To undertake mitigation/restoration activities in case of natural calamities in the sector covered by the CSS.

The flexi-fund will be utilized by the State Government as per the guidelines issued by the Ministry of Finance, Government of India, read with guidelines of the Centrally Sponsored Scheme of Project Tiger in vogue, for utilisation in the tiger reserve.

8. 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.

9. The expenditure involved will be met from within the Sanctioned Budget Grants of Centrally Sponsored Project tiger Scheme under Demand No. 27, Ministry of Environment, Forest and Climate Change, Major Head 3601 – Grants-in-aid to the State Governments, 3601.02- Grants for State Plan Scheme, 3601.02.659-Environmental Forestry and Wildlife – Wildlife Preservation, 3601.02.659.04- Integrated Development of Wild Life Habitats, 3601.02.659.04.03- Project Tiger, 3601.02.659.04.03.31- Grants-in-aid General for the year 2016-17 (Plan).

10. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 301/AS & FA dated 23.6.2016.

Yours faithfully,


(Sanjay Kumar)

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 2016-17 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. The IG, 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.


(Sanjay Kumar)

Deputy Inspector General of Forests (PT)

**KALAKAD MUNDANTHURAI TIGER RESERVE, TAMIL NADU
ANNUAL PLAN OF OPERATION FOR THE YEAR 2016-17**

(Rs. In Lakhs)

Sl. No	Item	Para No. of CSS Project Tiger	Previous financial year 2015-16		Current year Proposal					Justification
			Financial		Location	Physical Target	Financial Target	GPS readings		
			Target	Achievement				Latitude	Longitude	
A	NON - RECURRING - CORE ZONE									
1	ANTIPOACHING ACTIVITIES									
a	Supply of Field uniform, and Shoes to Antipoaching team for the 110 Antipoaching watchers (Uniform @ Rs. 1500/-, Shoes at Rs. 1000/-)	4.1 & TCP 1.1	2.750	2.700		110 APWs (uniform @ Rs. 5000/-)	5.50	--	--	In KMTR totally 110 Antipoaching watchers are engaged and they are involved in 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 Ranges 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.
b	Procurement of field gear, night vision devices, compass, GPS, binoculars, etc (TCP 1.2)	4.1 & TCP 1.2			KMTR	LS	4.80	--	--	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.
c	Construction of antipoaching shed in Sivasailam beat, Kodamadi beat at Vazhayar and in Singampatti beat III (Zero point) (TCP 1.6) Sivasailam beat Vazhayar at Kodamadi beat Singampatti Zero point	4.2	--	--	Ambai	3 nos @Rs. 6.00 lakhs each	18.000	N 08.46725 N 08.72958 N 08.66281	E 077.20741 E 077.22974 E 077.39955	There are 17 permanent anti-poaching sheds in Ambasamudram division available. Anti-poaching activities are undertaken in the core and interior forest areas. 6 locations in Ambasamudram division for construction of additional anti-poaching sheds are identified. Camping facilities are not

										available in all these areas. Out of these, 3 antipoaching sheds for Ambai division is proposed for 2016-17. Hence the provision which may be allowed.
2	STRENGTHENING OF INFRASTRUCTURE WITHIN TIGER RESERVE									
a	Construction of Forest Guard cum Driver Quarters in Ambasamudram division	4.2 (TCP 2.5 & 2.7)	-	-	Mundenthura i, Kadaiyam@ Sivasallam	1 Nos (12 Lakhs	12.00	N 08.68108 N 08.46725	E077.34562 E 077.20741	At present there are 6 numbers of Forest Guard cum drivers working in Ambasamudram division and they have to be provided with accomodation. Hence in this financial year construction of 2 numbers Forest Guard cum driver quarters are proposed and it may be allowed.
b	Construction Compound Wall at Kadayam Range Office Campus at Sivasallam.	4.2	-	-	Kadayam Range , Sivasallam	LS	3.000	N 08.46732	E 077.20756	In 2014-15 financial year one side of Range office campus compound wall was constructed. This year remaining sides have to be covered to protect the campus from all possible threats including human-wildlife conflict.
c	Providing Chain links fencing surrounding the Inspection shed and Range Office sides of Thirukurugudi Range		-	-	Kalakad Valliyoor	500 Rm	2.50	8.41059	77.55078	The inspection shed located in Vallioor beat at Thirukurugudi Range is facing the threat of wild animals very frequently. Therefore chain link fencing and Jeep parking area are proposed to safeguard the inspection shed and to avoid any incidences during camping.
d	Construction of retaining walls around the antipoaching sheds in Thalayanai and Pandhadikalam of Thirukurugudi Range and Upper Kodayar Range		-	-	Kalakad division	2Nos @ Rs. 1.50 lakhs	3.00	N 08.28572, N 08. 52659	E 077.23297 E 077.50301	The anti poaching shed located in Thirukurugudi and Upper Kodayar ranges are facing higher degree of threat from wildanimals as these sheds are located in core area.Hence the retaining walls need to be strengthened to protect the anti poaching team staying in these sheds. Hence this provision is made.
e	Construction of Range Office building cum Residence at Sivanaperi Kalakad division		-	-	Kalakad division	1 no	15.00	N 08 30 55 0	E 077 31 46.1	At present no range office building and ranger quarters are available for Kalakad range. The range office is functioning in a staff quarters. This makes the difficulties in delivering range office functions. Therefore construction of Range office cum residence building is proposed to enhance the better functioning and this may be allowed since

										it is considered as a top priority item.
3	Procurement of Hardware									
a	Procurement of computers with table, chair and printer accessories		-	-	KMTR	3 nos @ Rs. 60000/-	1.80	-	-	Lot of documentation works are under taken every year. Lot of replies are sent for the communications received daily. These computers are useful in maintaining important data, photographs, etc. there is only one computer is available in the Deputy Director's office which is not sufficient to meet the needs. Hence this may please be allowed.
b	Procurement of Camera traps.	4.2 & (TCP 2.16)	20.00	20.000	KMTR	100 nos @ Rs. 0.30 lakh each	20.000	-	-	Phase IV monitoring to be covered over the entire Tiger Reserve. For that 450 camera traps are required. At present only 240 camera traps are available. Therefore, it is proposed to procure 100 nos during this year. Hence this provision may be sanctioned.
c	Procurement of batteries, memory cards etc, for the existing 140 camera traps	4.2 & (TCP 2.16)	1.120	1.120	KMTR	100 x Rs.500 x 2 times	1.000	-	-	For the existing 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. For the proposed camera traps batteries have to be procured. Hence the proposal.
4	HABITAT IMPROVEMENT									
a	Providing water holes with inbuilt bore facilities in dry areas during summer.	4.3 & (TCP 3.2)	4.00	-	KMTR Ambur beat Pathermalai beat Singampatti beat VI	3 nos @ Rs. 2.00 lakhs	6.000	N 08.736983 N 08.68730 N 08.57938	E 077.351819 E 077.30447 E 077.34824	In all the four Ranges of Ambai division, in these 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 of wildlife and also to prevent human wildlife conflict.
	Publicity and Training									
b	Providing signage in the Tiger Reserve	4.17 & (TCP 8.1)	2.00	1.100	KMTR Ambai Manimuthar falls Karaiyar Dam Sivasailam beat Papanasam Check post Kalakad Thalayana Nambikovil	LS	2.000	N 08.61298, N 08.65651 N 08.80479 N 08.71425 N 08.31049 N 08.26262	E 077.41219 E 077.31679 E 077.34392 E 077.36273 E 077.30383 E 077.31342	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.

c	Training and Engaging Eco-Guides	4.17 & (TCP 8.2)	1.00	1.000	KMTR	LS	1.000	-	-	The tourists who attend the nature camps and other regular tourists will be taken into the forests by these 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.
d	Purchase of Books	4.17 & (TCP 8.3)	0.50	0.500	KMTR	LS	0.250	-	-	Sufficient number of books are not available in the Library in Chief Conservator of Forests and Field Director's office and in Kalakad and Ambai divisions. Latest books will have to be purchased and kept in the libraries for use by the staff and Tourists.
5	ADDRESSING HUMAN - WILDLIFE CONFLICT			-						
a	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	4.4 & (TCP 4.2)	1.50	1.500	KMTR	LS	3.000	-	-	Out of the total 30 beats in KMTR, 19 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.
b	Formation of solar fence @ Rs 2.75 lakhs per km	4.4 & (TCP 4.1)	13.75	6.856	KMTR Kalakad Thirukurungu di Range Thenpothai	5 km Rs 2.75 lakhs per km	13.750	N 8.863119 N 08.37530 N 08.457675	E 077.31395 E 077.31209 E 077.552300	During 15-16, 5 km solar fence got sanctioned for Arnsamudram division, but due to paucity of funds only 2.5 km solar fence was erected. Hence this year uncovered remaining 2.5 km have to be covered in order to minimize Human Wildlife Conflict. Solar fence to a length of 5km for Kalakad division is provided. The man-animal conflict is increasing day by day due to various factors. Though the fault lies on the general public who encroach, or cultivate the corridors which were used by the elephants for several centuries, the press and policy makers

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											criticize only the department. To avoid such criticism we have to establish some strategy to contain the human-wildlife conflict. Solar power fencing is an ideal solution to the problem. This fence helps us in both ways. It not only restrains the wild one from straying in to the farm lands. It also stops the domesticated cattle going inside the sanctuary. The entire boundary of the sanctuary which is adjoining patta lands needs to be fenced. It will be done in a phased manner.
6	Procurement of Software			-							
a	Creation of photographic tiger data base.	4.7 & (TCP 2.11)	0.50	0.500	KMTR	LS	0.500	-	-		The assesment of tiger population also should be done at the beat level using photographic mark recapture camera trapping while analyzing with appropriate software like CAPTURE. The camera photo traps of tigers should be stored at the Tiger Reserve, CWLW levels, with a copy to NTCA and WI for creating a national photographic tiger database. Hence this may please be allowed.
b	Conducting Population Estimation	4.7 & T.C.P. 5.1	2.00	2.000	KMTR	LS	3.000	-	-		7 Ranges @ 50 personnel in each range will be trained and involved in census operation. This amount will be utilized for training, transportation, hospitality charges and honourium to the students, Eco Development Committee members and volunteers.
c	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	4.7 & (TCP 5.2)	2.00	2.000	KMTR	LS	2.000	-	-		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.
7	PROVISION OF PROJECT ALLOWANCE TO THE STAFF										
a	Project allowance to staff as per the guidelines of Government of India	4.15 & T.C.P. 7.1	15.00	11.664	KMTR	LS	15.000	-	-		To encourage the staff to work in Tiger reserve, this component is essential. In KMTR one FD, two DOs, 8 wildlife rangers and 4 Eco Rangers/Assistant Wildlife Wardens, 13 foresters, 50 No of Forest Guards, 46

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										Forest watchers, 13 Supernumerary APWs and 52 nos of ministerial staff are working. Therefore the Project allowance for the above staff is provided. Hence this may be sanctioned.
9	Field Expenses			-						
a	Purchase of materials for PIP, transects etc.,	..	1.00	0.700	KMTR	LS	0.750	-	-	Provision is made as per Government of India letter no. F/15-17/2010 National Tiger Conservation Authority dated 03.12.2014.
b	Computer (Laptop)	..	0.70	0.698	CCF & FD, Ambai division	3 nos	1.000	-	-	There are 7 regular Ranges in Kalakad Mundanthurai Tiger Reserve. All these Ranges have to be provided with Laptop. During 2015-16 2 nos laptop were purchased and 3 nos are proposed during 2016-17. This provision is made as per government of India letter no. F/15-17/2010 National Tiger Conservation Authority dated 03.12.2014.
c	M - STRIPES Booklet Printing	..	1.00	0.500	KMTR	LS	0.500	-	-	Provision is made as per Government of India letter no. F/15-17/2010 National Tiger Conservation Authority dated 03.12.2014.
d	WEAKNESSES IDENTIFIED IN MEE REPORT Inadequate visitors facilities: Providing eco friendly toilet ; erection of barricade/ shed in the Agasthiyar falls area in Papanasam Range. TCP 8.4	-	-	-	Agasthiyar Falls - Ambai Div	LS	5.000	N 08.70603	E077.36408	The visitors are coming in all days to Agasthiyar falls in Papanasam Range to take bath, rest and enjoy the nature. At present they take food and rest in the open area. The monkey menace is also a problem. Hence it is proposed to erect 3 nos temporary sheds/ barricade which is made of Bamboos and Coconut tree leaves in the Agasthiyar Falls area. Hence provision is made as per MEE report.
	NON - RECURRING - CORE ZONE TOTAL		68.82	52.838			140.350			
	NON - RECURRING - BUFFER ZONE									
10	CO - EXISTENCE AGENDA IN BUFFER / FRINGE AREAS (ECO - DEVELOPMENT WORKS)									
a	Entry point Activities in buffer villages.	4.5 & TCP 1.4	2.00	1.000	KMTR	10 villages @ Rs. 0.50 lakh each	5.000		GPS in Annexure II	This amount is provided for the purpose of entry point activities such as enabling water facilities, approach roads to villages, School Compound wall in villages to get good will of the people. This is very much needed to improve the infrastructure facilities in forest fringe villages and to tap people support for

b	Enhancing alternate income generation activities in existing VFCs / EDCs	4.5 & (TCP 1.1)	2.00	2.000	Ambai and Kalakad divisions	10 villages @ Rs. 0.50 lakh per village	5.000	GPS in Anneuxre III	conservation. 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-economic profile of VFCs. Hence the amount may be allowed.	
c	Skill building / Vocational Training to youth from VFCs / EDCs Villages	4.5 & (TCP 1.3)	1.50	0.600	KMTR	LS	1.500	-	-	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
d	Prophylactic immunization of cattle and stray dogs in the fringe villages @ Rs 0.20 lakhs per camp		-	-	KMTR Eco villages	20 camps @ Rs. 0.10 lakh per camp	2.000	-	-	This is mandatory provision as per the guidelines issued by the Apex court of India. It is proposed to immunize peripheral live stock 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.
Tirunelveli Circle (Notified Buffer area Vide G.O.(Ms) no. 201 E&F (FR V) department dated 13.08.2012 for Part of Kanyakumari Wildlife Sanctuary and Courtalam RF of Tirunelveli division)										
Non Recurring - Buffer										
11	Anti Poaching Activities - Buffer Zone									
a	Procurement of field gear, night vision devices, compass, GPS, binoculars, etc	4.2 & (TCP 1.2)	1.00	-	KKWLS	LS	2.000	-	-	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.
12	ADDRESSING HUMAN - WILDLIFE CONFLICT									
a	Payment of compensation for cattle lifting, death and injury of human beings and crop depredation due to wild animals	4.4 & T.C.P 4.1	5.00	4.998	KMTR	LS	5.000	-	-	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.
13	RESEARCH AND FIELD EQUIPMENTS									
a	Conducting Population Estimation	4.7 & T.C.P. 5.1	0.50	-	KKWLS	LS	1.000	-	-	Data collection as per phase-I protocols of Tigers Co-predators, prey and habitat is extremely important for monitoring wildlife population in Tiger Reserve. Hence this component may be allowed.
b	Purchase of GPS units @ Rs. 15000/- per unit.		1.20	-	KKWLS & Courtallam RF	13 nos @ Rs. 15000/- per unit.	1.950	-	-	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.
14	CO - EXISTENCE AGENDA IN BUFFER / FRINGE AREAS (ECO - DEVELOPMENT WORKS)							-	-	
a	Entry point activities in Buffer villages.	4.5 & (TCP 1.1)	1.00	-	KKWLS	2 villages @ Rs. 1.00 lakh per village	2.000	Puravilai Thottamalai	-	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.

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b	Enhancing income generation activities in buffer villages	4.5 & (TCP 1.1)	1.00	-	KKWLS	2 villages Rs. 1.00 lakh per village	2.000	Mudavan Pothai Mallamulhanikarai	-	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.
NON - RECURRING - BUFFER ZONE TOTAL							27.450			
NON - RECURRING - GRAND TOTAL			68.82	52.838			167.800			
RECURRING - CORE ZONE										
15	Anti-Poaching Activities									
a	Improvement/ Upgradation of antipoaching shed	4.2 & (TCP 1.6)	8.00	8.000	Kalakad division Upper Kodayar Winch point	1 no	6.00	N 08.31472	E 077.19469	There are 10 permanent anti-poaching sheds in Kalakad division. Anti-poaching activities are undertaken in the core and interior forest areas. 2 locations in Kalakad division for construction of additional anti-poaching sheds are identified. Out of these, 1 antipoaching shed for Kalakad division is proposed for 2016-17
b	Engaging anti-poaching watchers. Totally 97 watchers @ Rs 6750 per month for 12 months.	4.1 & T.C.P 1.1	78.57	74.776	KMTR	97 nos@ Rs 6750/- per month for 12 months.	78.580	-	-	Engaging antipoaching watchers in KMTR will only strengthen the protection. At present 56 watchers in Ambai division and 41 watchers in Kalakad division are engaged. Most of them are hill tribes with good physique to maneuver the rough terrain. These antipoaching watchers are combing the entire reserve and camping in the vulnerable areas on a routine basis. These antipoaching watchers are given printed formals to collect data on the endangered and rare species. These data are very useful the management of the reserve. Hence, this item may be allowed.
c	Secret service fund (including Reward)	4.1 & T.C.P 1.2	0.50	0.450	KMTR	LS	0.50	-	-	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.
d	Legal support for defending cases in the court	4.1 & (TCP 1.5)	0.50	0.400	KMTR	LS	1.00	-	-	To meet out the expenses and to win the cases in various courts, this amount is essential. Hence this may be sanctioned.
e	Logistics to prosecute the offenders and to gather intelligence	4.1 & (TCP 1.6)	1.00	1.000	KMTR	LS	1.00	-	-	This provision is made for sundry expenses incurred by the staff during dealing of serious wild life offences and remand of the accused. Similarly during investigation also expenditure is incurred which is not met by any other funds. Hence this may be allowed.
f	Maintenance of permanent anti poaching camps, deployment of camp labourers for patrolling including monsoon patrolling etc.,	4.1 & (TCP 1.4)	2.00	2.000	KMTR,	49 camps @ Rs. 0.40 lakh per camp	19.200	-	-	At present the camps are being conducted at intervals and during the period of their absence the intruders for MFP indulge in destruction activities such as creating forest fires, collection of MFP by damaging the trees etc. Hence it is proposed to conduct the camps 24 x 7 throughout the year. These camps will cover all the vulnerable areas of the divisions and also the interstate borders. Hence this may please be allowed.
16	STRENGTHENING OF INFRASTRUCTURES WITHIN TIGER RESERVE									
a	Improvement of Office buildings (Field Director's Office and Eco Development Office at Tirunelveli)	2.1.3	-	-	KMTR	2 nos @ Rs. 2.50 lakhs	5.00	N 8.693606 N 8.693643	E 77.737146 E 77.737103	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 provision is made which may please be allowed.
b	Improvement of Combined Guard and Watcher quarters at Kovindaperi beat in Kadayam Range.	4.2	-	-	Kadayam Range, Govindaperi beat	1 No	6.00			At present combined Forest Guard quarters and watcher quarters of Kovindaperi beat got severely damaged. Roof is leaking and wiring got damaged. Hence roofing and wiring needs to be

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										done.
c	Improvement of existing check post of Papanasam range (TCP 2.10)	4.2				1 No.	5.00	N 08.71425	E 077.35273	The papanasam check post was constructed in the year 1980. At present it got heavily damaged, roof is leaking, flooring work and wiring work needs to be done. Hence, this is included as this check post situated in the entrance of the tiger reserve and the appearance of the tiger reserve at the entrance needs to be enhanced.
d	Upgradation of Residential Buildings	4.2 & TCP 2.1.1	2.00	1.990	KMTR	LS	10.000	-	-	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.
17	Improvement of Residential Buildings (Staff Quarters)	4.2 & T.C.P 2.1.2	1.50	1.000	KMTR	LS	2.000	-	-	
b	Improvement of Non-residential buildings such as offices, Rest houses, dormitories.	4.2 & (TCP 2.1.3)	3.00	2.980	KMTR	LS	6.00			In Ambasamudram and Kalakad divisions Inspection bungalows, Wood houses have to be improved as these Rest houses are frequently camped by the Field Director and Deputy Directors and it requires regular maintenance. Hence this item is included.
18	MAINTENANCE / UPGRADEATION OF ROAD NETWORK									
a	Maintenance of fair weather from Karayar dam in Kannikatti beat at Mundanthurai range and Sengaltheri beat of Kalakad range	4.2 & T.C.P 2.2.1	0.50	0.500	KMTR	LS	6.00	-	-	These roads are highly useful during the protection works and also for fire raids and to move people during firefighting operations. Hence this item may be allowed.
b	Trekking path clearance. @ Rs 2700 per Km	4.2 & T.C.P 2.2.2	1.00	0.990	KMTR	LS	3.500	-	-	These paths are used for antipoaching camps, monsoon raids, and also to perambulate the areas. Hence this may be allowed.
19	IMPROVEMENT OF EXISTING WATCHTOWERS									
a	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. (TCP 2.3.2)	4.2	1.00	-	KMTR Kuthiravetti Tirukurungudi	2 nos @ Rs. 1.50 each	3.000	N 08.57938 N 08.24676	E 077.34824 E 077.33501	Repeater station at Kuthiravetti is old one. The iron tower which is situated near the station has to be painted as it rusted now. All base set batteries and wireless set batteries have to

										be changed since the charge in wireless sets of field staff is getting down very frequently. The repeater station at Thirukurungudi is also to be maintained.
b	Maintenance of Watch towers	4.2			KMTR	11 nos @ Rs. 0.50 lakh each	5.500	-	-	The watch towers in Ambasamudram and Kalakad divisions are to be maintained. Hence the provision.
20	MAINTENANCE OF EQUIPMENTS			-						
a	Maintenance of publicity and awareness boards	4.2 T.C.P 2.5.1	2.00	1.000	KMTR	LS	1.000	-	-	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.
b	Maintenance of Solar powered fences	4.2 & T.C.P 2.5.2	1.565	0.652	KMTR	22 Km @ Rs. 8000/- per km	1.760	-	-	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 posts where rust is formed, changing 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.
21	MAINTENANCE OF OFFICE EQUIPMENTS			-				-	-	
a	Cost of regular and computer stationeries (PCCF& CWLW, CCF&FD, Ambai and Kalakad)	4.2 & T.C.P 2.6.1	1.00	0.800	KMTR	LS	1.00	-	-	2 Deputy Director Offices, 7 territorial and 4 ECO - Development Range offices and Field Directors 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.

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b	Engaging Computer operators on daily wages. @ Rs 8000 per month x 12 months.	4.2 T.C.P 2.6.2	3.84	3.760	KMTR	7 nos @ Rs. 9000/- per month	7.56	-	-	The provision allowed last year has to be continued during 2016-17. Further the office of the Chief Conservator of Forests and Field Director has no computer operator. Ambai, Kadayam and mundanthural Ranges in Ambsamudram division needs Computer Operators. Hence provision is made for 7 nos computer operators, as no regular staff is appointed.
c	Fuel for Generator in Chief Conservator of Forests and Field director office, Ambai and Kalakad Divisions	4.2 T.C.P 2.6.3	0.50	0.400	KMTR	LS	1.00	-	-	When power cut happens the generators installed in the Offices of the Field Director and Deputy Director, Ambai and Kalakad are to be used. Lumpsum Provision for Purchase of fuel and oil is provided. This may be allowed.
d	Fuel for oil motors fixed near water hole points in Ambai division	4.2 & (TCP 2.6.4)	0.50	-	KMTR	LS	0.40	-	-	Oil motors have been fixed near water hole points in the areas of Ambai division. The motors have to be maintained. Hence the provision.
e	Maintenance of Generator in Chief Conservator of Forests and Field director office, Kalakad and Ambai Divs	4.2 & T.C.P 2.6.5	0.50	0.316	KMTR	LS	0.50	-	-	The Generators in the offices of the Field Director, Tirunelveli and Deputy Director, Ambai and Kalakad are to be maintained during this year. Hence Lumpsum provision is made.
f	Replacement of spares to the office equipments, maintenance of the equipments, wireless sets etc., Ambai Division - 1)Power supply -5Nos x 5000 + 25000 2) Walkie/Talkie charger - 60Nosx3000=180000 3)Arial - 50Nosx1200=60000 4)Walkie/Talkie Battery - 60Nosx3000=180000 5) Wireless set Battery- 10Nosx6500=65000 6)Printer Toner-5Nosx3500=17500. Kalakad Division - 1) Power supply - 2 nos x 5000 = Rs.10,000/- 2). Walkie / Talkie charger - 15 nos x 3000 = Rs.45,000/- 3). Arial - 10 nos x 1200 = Rs.12,000/- 4)Walkie/Talkie Battery - 15 Nos x 3000=45000 5) Wireless set Battery-10Nos x 6500=65000 6) Printer toner - 2 nos x 3500 = Rs.7000/-	4.2 (TCP 2.6.6)	-	-	Ambai and Kalakad divisions	LS	7.120	-	-	For the maintenance of equipments such as computers, printers, Power supply units, Xerox machines, batteries, walkie talkies, solar lamps, motors, pumps, etc., provision is made as they are growing old day by day and develop problems in running.

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22	HABITAT IMPROVEMENT									
a	Desilting and repairing old water holding structures already constructed under various schemes inside the Tiger Reserve. @ Rs 0.75 lakhs each	16.3.3 TCP 3.1	-	-	KMTR	8 nos @ Rs 0.75 lakhs each	6.000			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.
b	Eradication of forest invasive species (2nd year maintenance)	4.3 TCP 3.2	-	-	All Ranges Ambai and Kalakad Div 2nd yr maintenance Light growth 35 mandays/ ha x Rs. 320.25/ manday	58 ha	6.500			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 2014-15 Eradication of Forest invasive species was done over 100 ha. No maintenance was done during 2015-16. 2nd year maintenance will be done over 58 ha during 2016-17. Provision is made as per Pccf's ref. no TS1/30403/2013 dated 21.10.2014.
c	Eradication of invasive species (Fresh removal)		-	-	All Ranges Ambai and Kalakad Div Medium Growth 68.97 x Rs. 320.25/- = Rs. 22087.64/- ha Light Growth 47.62 x Rs. 320.25/- = Rs. 15250.30/- ha	25 ha	4.670			For fresh removal of invasive species during 2016-17, provision for 50ha is made which may be sanctioned.

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d	Engaging eco-sanitary watchers @ Rs.273.25/- per day. Totally 12 watchers / month for 12 months. (TCP 3.3)	4.3	10.356	10.110	KMTR	6 Nos @ Rs. 310.25/- per day per month for 12 months x 25 days	5.585	-	-	There are tourist spots and pilgrim centers in this Reserve. These areas are highly visited by tourists 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)
e	Maintenance / Improvement of grassland	4.3 & (TCP 3.4)	2.50	2.500	KMTR	25 Ha	2.750			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.
f	Preparation of publicity and awareness boards, printing brochures and booklets, preparation of stickers, etc	4.17 & T.C.P 8.1	0.50	0.250	KMTR	LS	0.500			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.
g	Providing Nature camps and Trekking Programme	4.17 & (TCP 8.2)	1.50	1.500	KMTR	LS	1.500			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.
23	RESEARCH AND FIELD EQUIPMENTS									
a	Laying and maintenance of 2 km transect lines in all beats @ Rs.2500/- per Km for 30 Beats)	4.7 & (TCP 5.1)	2.125	1.925	KMTR	LS	2.000	-	-	In Kalakad Mundanthurai Tiger Reserve totally 30 beats are there in both divisions. Laying and maintenance of transect line has to be done to carryout the population estimation exercise. Hence this may be sanctioned.
b	Conducting Sensitization and training camps to the staffs, NGO's and volunteers etc., in the field of wild animal population estimation.	4.7 & (TCP5.2)	1.00	0.600	KMTR	LS	1.000	-	-	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 is also included. and they are to be imparted training before undertaking census operation. Hence the provision.
c	Specialised training programme for Phase IV monitoring (1. Training, 2. Engaging qualified workers 3. Field level data collection)	4.7 & (TCP 5.3)	1.00	0.500	KMTR	LS	1.000	-	-	
24	STAFF DEVELOPMENT AND CAPACITY BUILDING									
a	Specialized training in the use of GIS, GPS, Antipoaching operations, jurisprudence and wildlife offences	4.8 & (TCP 5.3)	0.25	0.150	KMTR	LS	0.250	-	-	To equip the field staff in GIS, GPS operation, the training programme is highly essential. Hence the provision.
b	WEAKNESSES IDENTIFIED IN MEE REPORT Inadequate staff and training: Capacity building, training to front line staff in the field of wild animal rescue, rehabilitation and conflict resolution. TCP 8.1		0.50	0.250	KMTR	LS	0.500	-	-	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 incase of any emergency. Hence this provision is made as per the MEE report.
c	Conducting study tour for the appraisal of good practices in other reserves, including TA and DA (TCP 6.2)	4.8	-	-	KMTR	LS	1.000	-	-	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.
d	Pilgrims pressure due to temple in KMTR.		-	-	KMTR	LS	1.000	-	-	The pilgrims visited during Aadi amnavasai festival and other festivals in Sorimulhu 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.
25	PERMANENT MONITORING PROTOCOL			-						
a	Maintaining of camera traps and their cases and photo printing charges etc.	4.7 & (TCP 7.1)	0.50	0.300	KMTR	LS	0.500	-	-	At present 240 Camera traps are 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.
b	Documentation Work	(TCP 9.3)	1.00	0.249	KMTR	LS	0.500	-	-	The works and all activities carried out under this schema will be documented and maintained. This may be sanctioned on priority.
26	M- STRIPES			-						
a	Computer Staff @ Rs. 10000/- per month / each		6.00	-	KMTR	LS	6.000	-	-	Provision is made as per Government of India letter no. F/15-17/2010 National Tiger Conservation Authority dated 03.12.2014.
27	Co- existence agenda in buffer / fringe areas (Eco development works)			-						
a	Vocational Training to youth for adopting alternate livelihoods	3.8	-	-	Notified Buffer area	LS	0.500	-	-	Vocational training for the youths of forest village 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.
28	Creation of firelines and Fire breaks									

a	Engaging labourers for fire brigades	2.4.1	-	-	KMTR	970 mandays @Rs. 310.25 per manday	3.009	-	-	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.
b	Annual maintenance of fire lines of 6 mt. width.	2.4.2	-	-	KMTR	300 kms (30 mandays per Km x Rs.310.25 per manday = Rs. 9307.50/-)	27.922	-	-	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. Hence this item may be sanctioned.
c	Additional fuel to vehicles used for anti-poaching activities, fire protection, Highway patrolling interstate meetings etc.,	2.4.3	-	-	KMTR	LS	1.00	-	-	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.
d	Clearing Reserve/Sanctuary boundary at 6 mtr width. (including inter state boundary).	2.4.4	-	-	KMTR	80 km @ RS. 6515.25/- per km (21 x 310.25 = Rs. 6515.25/- per km)	5.212	-	-	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.
e	Engaging fire protection watchers	2.4.5	-	-	KMTR	30 nos x 4 months @ Rs. 310.25/- per manday x 25 days	9.307	-	-	During fire season sufficient number of fire watchers have to be engaged to put of fires and they will also assist the anti-poaching watchers during this

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(Rs. In Lakhs)

S.No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	167.800	100.68
2.	Eco development (60%)	--	
3.	Recurring (50%)	270.622	135.311
4.	Sub Total	438.422	235.991
5.	10% Flexi-fund (x/9)	48.713	26.221
6.	Total (X)	487.135	262.212
7.	Adjustment of balance of previous year 2015-16 including amount to be adjusted due to revised funding pattern (17.371+8.981)	26.352	26.352
8.	Grand Total	460.783	235.86

(Rs. In Lakhs)

Cost of APO including State's share (including Flexi Fund)	A	487.135
Centre's share in APO (without Flexi Fund)	B	235.991
FF on Centre's share	C=B/9	26.221
Centre's share including FF	D=B+C	262.212
1 st release @ 80% of Centre's share	E=0.8*D	209.770
Less: Unspent balance FY 15-16 including amount to be adjusted due to revised funding pattern	F	26.352
Adjusted 1 st release including FF	G=E-F	183.418
2 nd release @ 20% of Centre's share	I=0.2*D	52.442
Total release towards APO in FY 16-17	J=(9/10)*(G+I)	212.274
Total release towards FF in FY 16-17	K=(1/10)*(G+I)	23.586
Grand total release in FY 16-17	L=G+I	235.86
Total effective release including USB	L+F	460.155
Effective release for APO activities	J+0.9*F	235.991
Effective release for FFs	K+0.1*F	26.221

* Ecodevelopment 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 the tiger reserve and the local people.

										period. Two fire watchers for one beat to assist 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.
	RECURRING - CORE ZONE TOTAL			111.348			260.825			
	RECURRING - BUFFER ZONE:									
	Tirunelveli Circle (Notified Buffer area Vide G.O.(Ms) no. 201 E&F (FR V) department dated 13.08.2012 for Part of Kanyakumari Wildlife Sanctuary and Courtallam RF of Tirunelveli division) Area merged with KMTR for Management purpose.									
	Recurring - Buffer									
29	Anti Poaching Activities									
a	Supply of Field uniform, night vision devices to Antipoaching watchers and procurement of Snake catching kit, protective leather gloves and boots.	4.1 & (TCP 2.1)	1.00	-	KKWLS & Courtallam RF	2 camp @ Rs. 0.50 lakh per camp	0.500	-	-	Each camp consisting of Anti poaching watchers on a rotation duty of 3 per camp / per week in 24 x7 jungle camping Range duties alternately. They need to be equipped with the field dress and devices to do the anti-poaching operations in remote locations.
b	Engaging anti-poaching watchers. Totally 6 watchers @ Rs 6750 per month for 12 months.	4.1 & (TCP 1.1)	4.86	-	KKWLS & Courtallam RF	6 nos @ Rs 6750 per month for 12 months.	4.860	-	-	Each camp consisting of Anti poaching watchers on a rotation duty of 3 per camp / per week in 24 x7 jungle camping Range duties alternately. Hence there is a requirement of 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
c	Secret service fund (including Reward)	4.1 T.C.P 1.3	0.25	-	KKWLS & Courtallam RF	LS	0.250	-	-	Usable 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 need to be provided to strengthen protection. Hence the provision.
30	CO - EXISTENCE AGENDA IN BUFFER / FRINGE AREAS (ECO - DEVELOPMENT WORKS)									
	Vocational Training to youth for adopting alternate livelihoods	4.5 & (TCP 3.8)	0.50	-						Provision for 2016-17 made under Recurring core (Sl.no. 29 b)
31	FIRE PROTECTION									
a	Engaging labourers for fire brigades	4.1 & T.C.P 7.1	1.00	-	KKWLS & Courtallam RF	350 mandays @ Rs. 310.25 per manday	1.085	-	-	During the fire season every year, there is urgent requirement of engaging of local people from the