

No. 4-1(13)/2019-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 26th July, 2019

To,

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

Sub: **Centrally Sponsored Plan Scheme 'Project Tiger' Administrative Approval for funds release to Kalakad Mundanthurai Tiger Reserve, Tamil Nadu during 2019-20 –reg.**

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Kalakad Mundanthurai Tiger Reserve, Tamil Nadu at the cost of **Rs. 916.61 Lakhs (Rupees Nine hundred Sixteen lakhs Sixty One thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 447.83 Lakhs (Rupees Four hundred Forty Seven lakhs Eighty Three 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. 253.22 lakhs (Rupees Two hundred Fifty Three lakhs Twenty Two thousand only)** as the 1st installment of Central Share towards the Grants-in-aid to Government of Tamil Nadu during the current financial year 2019-20. The balance amount of the Central Assistance will be released in due course after a review of the progress of expenditure/work is undertaken.

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

- (i) All relevant information and documents/certificates as required under GFR 209(I) have been received.
- (ii) The pattern of assistance of rules governing such grants-in-aid have received the approval of the Ministry of Finance, as required under Government of India decision No. (1) under DFPR-Rules 20.
- (iii) Terms and conditions of the service of the employees employed in the **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 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, 1971 as amended from time to time.
 - (vii) The accounts of the Project Tiger Scheme shall be open for inspection by the sanctioning authority and audit, both by the Comptroller & Auditor General of India under the provision of C&AG (DPC) Act, 1971 and internal audit party by the Principal Accounts Office of the Ministry whenever it is called upon.
 - (viii) The Utilization Certificate against the earlier funds released under Grants-in-aid have been received and accepted by the competent authority.
 - (ix) Government of Tamil Nadu in respect of **Kalakad Mundanthurai Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2020.
 - (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 2019-20 and unspent balance, if any, will be refunded by **Government of Tamil Nadu** to the **Govt. of India**.
 - (xiii) Government of Tamil Nadu in respect of **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) Funds will not be diverted for any item other than specified herein.

- (xxiv) Funds to be spent only on items approved in TCP.
- (xxv) Funds for POL / maintenance of vehicles would be admissible only for the vehicles purchased from CSS funds.
- (xxvi) Compensation for loss due to wildlife is to supplement the State Government fund as per the rules of State Government.
- (xxvii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.
- (xxviii) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- (xxix) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxx) In case of employment through contract, copy of PF & ESI contributions of employees shall be obtained wherever applicable.
- (xxxi) All measurable outcome of this grant must be mentioned in the sanction order and UC is to be submitted as prescribed in GFR 2017 – Form GFR 12-C.
- (xxxii) If the implementing agency does not use the fund for the purpose for which it was given, it has to refund the same with interest.
- (xxxiii) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- (xxxiv) The sanction order must mention measurable physical parameters and all measurable parameters are to be adhered to.
- (xxxv) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxxvi) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or C&AG.
- (xxxvii) All guidelines under the project is to be followed scrupulously.
- (xxxviii) The UC with physical progress report and satellite photo with physical deliverable with date and latitude – longitude coordinates before and after completion of work be obtained of each tiger reserve and uploaded on the website of the implementing agency as well as the Ministry for public access.
- (xxxix) The measurable outcome under the project (quantified) in terms of number of tigers in tiger reserve, eco-tourism in tiger reserve, %age decrease in man-animal conflict etc., may also be submitted in the progress report.
- (xl) All labour payments strictly by 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.

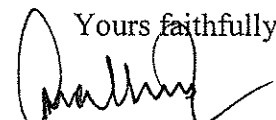
7. In accordance with the revised procedure, the Central Accounts Section, Reserve Bank of India, Nagpur, may kindly be advised to pass on credit to the books of the State Government of Tamil Nadu under intimation to this Department.

8. The expenditure incurred is adjustable to the Demand No. 27 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2019-20 :

Scheme	Budget Head	Amount (Rs. in lakhs)
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	234.23
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	18.99
Total		253.22

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 124004/AS&FA (PG) dated 19.07.2019.

Yours faithfully,

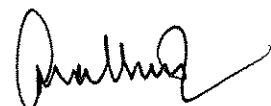


(Dr. Vaibhav C. Mathur)

Assistant Inspector General of Forests (PT)

Copy to:-

1. The Secretary (Forests), Govt. of Tamil Nadu. A copy of the detailed sanction letter issued by the State Government in respect of this scheme for 2019-20 may kindly be furnished to this Ministry immediately.
2. The Secretary (Finance), Govt. of Tamil Nadu.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Tamil Nadu.
4. The Field Director, 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. IG/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.



(Dr. Vaibhav C. Mathur)

Assistant Inspector General of Forests (PT)

**KALAKAD MUNDANTHURAI TIGER RESERVE, TAMIL NADU
ANNUAL PLAN OF OPERATION 2019-20**

Annexure

(Rs. in Lakhs)

Sl. No	Item	Para No of CSS project Tiger / Para No.TCP	Previous year details Location or GPS Coordinates	Physical		Financial		Current year proposal Location or GPS Coordinates	Physical	Financial	Justification / Remarks
				Target	Achieve ment	Target	Achieve ment				
A											
Non recurring Core											
1	Core Area: Establishing and maintenance of existing patrolling camps/showkls/and deployment of camp labourers for patrolling.										
A2	Construction of Anti-poaching camp building for functional anti-poaching camp at Ambasamudram division and Kalakad division.	16.2.1.1							1	5.00	Carrying in the interior forest areas where movement of elephants and other wildlife are high is a learned experience. Hence proper halting facilities are very much essential for field staff on patrol.
A3	Creation of fire watch tower at Fire vulnerable locations in Mundanthurai Range of Ambasamudram Division and Thirukurungudi Range of Kalakad division.	16.2.15 / 2.10							1	5.00	It is essential to deploy fire watchers in the watch towers for early detection of fire and temporary halting location to reach the spot of fire at the earliest for extinguishing.
A4	Construction of Forest Guard cum Forest Watcher Combined Quarter. One in Kalakad division and one in Ambasamudram division.	16.2.1.3 / 2.5							1	15.00	As per the Guidelines of NTCA a beat size should be approximately 15-20 Sq.km. In KMTR with the total extend of 895.39 sq.km has 30 beats most of which are more than 20 sq.km. Hence, the tiger beats are bifurcated into 20 new beats have been demarcated. Therefore accommodation facilities for the frontline staff are very much required for effective protection. Hence the provision.


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A5	Construction of Garage / Shed one in Ambasamudram division, one in Kalakad division and one in Field Director Office, Thiruvelli.	16.2.13/3								N 08.5149 E77.53052 N 08.71417 E 77.36194 N 08.68366 E 77.73726	2	4.00	There is no parking facility for jeeps and other vehicles in any of the offices in Kalakad Mundanthurai Tiger Reserve and it is essential to form jeep sheds for protection as well as maintenance of vehicles.
A6	Construction of new Ranger quarters in Kalakad Range of Kalakad Division	16.2.13/2.3								N 08.5149 E77.53052	1	15.00	There is no Quarters available for Forest Range Officer, Kalakad. At present the Forest Range officer halting in biologist quarters. Hence the provision
A7	Construction of Range office at Thirukurungudi Range of Kalakad division	16.2.13/2.1								N 08.41058 E77.55078	1	15.00	There is no Range Office at Thirukurungudi range available for Forest Range Officer, Thirukurungudi. Hence the provision.
A9	Purchase of Mahindra Tatr LX 4WD 7 seater BS-IV Vehicle (1 Vehicle for Ambasamudram division & 1 vehicle for Kalakad division)	16.1.19/2.17								Nil	2	15.60	Kalakad Mundanthurai Tiger Reserve is biodiversity hotspot with undulated laddered topography. Considering vast expanse of the TR, patrolling on foot alone is not facilitating in covering the entire area. Hence, 2 Mahindra Tatr is very much essential for patrolling and other anti-poaching activities in both divisions.
A10	Supply of ration to front line staff and APWs staying in remote locations @ Rs 860 p.m / per individual	16.16.1/1.7								Nil	83	8.57	Ration allowance is proposed as per NITCA Ref. No. 12-7/2010 dated 31.07.2014 & Ref. No. 15-31/2012 dated 06.06.2014. This ration allowance is applicable to Forester, Forest Guards and below, working on regular patrol at field level in Tiger Reserves @ Rs. 2500/- per month to 30 Forest Guards / Forest Watchers & 110 APWs. The sanctioned strength of Antipoaching watchers is 110 and they are on roll. The sanctioned strength of Forest guard is 59 and Forest Watchers are on roll. Hence ration allowance is provided for 110 APWs and 30 Forests Guards / Forest Watchers at the rate of Rs.2500/- PM per individual. The details of staff strength in all categories, number on roll and vacancies are given in the statement for project allowance.
A11	Refilling charges for LPG connections provided to all APCs.	16.16.1/1.7								Nil	28	0.28	It is essential to refill the LPG for connections existing to avoid fuel wood dependency and utility of provided services in Anti-Poaching Camps.

A12	Engaging of Eco Watchers on daily wages for Kayal at Papanasam and Aquarium, Kalakad Thalayani, Kalakad 6 nos x Rs.10450 x 12 months									Nil	6	7.53	Project Kayal is a new innovative initiative which has become the new tourist attraction in Papanasam and Kalakad eco tourism sites. It requires skilled manpower for proper maintenance of the elusive exhibits. Hence the provision.
2	Core Area: Procurement of field gear, night vision device etc.,												
A14	Procurement of field gear, night vision devices, GPS, Camera, etc	16.15/1.2	Nil	LS	LS	3.00	3.00	Nil	110 @ Rs.5500/- per head	6.05		Uniforms and other field gears are very much vital for field personnel like anti-poaching watchers who work in remote areas with adverse environmental conditions.	
A15	Providing bags, spread sheets, rain coats, etc., to all front line staff @ Rs.5500/- per head	16.15/1.2						Nil	110	3.30		It is essential to support field staff for efficient functioning in remote areas as per NTCA guidelines.	
A16	Procuring rechargeable torches for APWs	16.15/1.2						Nil	110 @ Rs.3000/- per head	3.30		It is essential for safety of staff while working and staying in remote areas and during night patrolling.	
3	Core Area: Construction of Kitchen												
A20	Providing toilet facilities Kalakad 1 no	16.21/1.6						N08.43765 E77.52277	1	5.00		Kalakad Thalayani has the refreshing Panchayal near attracts large number of tourists. The existing lavatories needs maintenance and few more number required to meet the tourists demand. Hence the provision	
4	Core Area: Creation of fire lines and fire breaks.												
A22	Annual maintenance of fire line of 3 mt. width Armbal Division : 150 Kms, Kalakad Division 150 Kms at Rs.7305/- per Km												
A23	Clearing Reserve/Sanctuary boundary at 6 mt width, (including later state boundary). At Rs.6856/- per Km	16.26/2.41	Kml File attached	75 Kms	75 Kms	5.14	5.14	Kml File attached	100 Kms (@ Rs.6786 per Km)	8.79		KMTR shares 56 Kms of later state boundary with the state of Kerala. Hence clearing demarcated boundary is highly essential.	
5	Core Area: Establishing Monitoring system for Tigers intensive protection and Ecological Status (M-Stripes) monitoring.												

A24	Engaging Computer operators @ Rs 10000/-per month x 12 months	16.2.14 / 2.6.2	Nil	5	5	6.00	6.00	Nil	5 nos (12000 / p.m)	7.20	It is essential to engage computer operators on monthly wages in all Ranges, FD Office & EDO Office for data entry, documentation and official administration. Since, there are no sanctioned posts in these offices.
A25	Engaging data entry operators for KMTR.	16.2.23 / 2.6.2	Nil	LS	LS	0.50	0.50	Nil	2 nos (Rs.12000 / p.m)	2.88	The information required in FD & DDOs offices needs a qualified data entry operator with additional qualifications of GIS or MIS for data analysis from the field and preparation of reports on offence, fire, satellite imagery works & GIS mapping works. Hence provision is made.
A26	Documentation works	16.2.4 / 2.6.2	Nil	LS	LS	0.50	0.50	LS	LS	0.75	The works executed will be documented. Hence the provision.
6	Core Area: Procurement of Hardware										
A27	Procurement of Camera traps. 100 Nos at Rs. 20000/-	16.7.1 / 2.16	Nil	100	100	25.00	25.00	Nil	50 camera	10.00	Daily patrolling and monitoring is the key objective of a Tiger Reserve. Apart from that annual assessment of Tigers, co-predators and their prey through standardized eight day protocol and through Phase - IV intensive monitoring of tiger source population is being carried out for which gadgets like camera traps and its accessories are very much essential.
A28	Purchase of GPS units @ Rs. 15000/- per unit for 10 units	16.7.1 / 2.16	Nil	10	10	1.50	1.50	Nil	LS	2.00	
A31	Purchase of UPS for FD Office, Deputy Director Offices Computer with printers, scanners and other accessories	16.2.18 / 2.11						Nil	3	6.00	Computer and printers is essential for routine office work and administrative purpose. Hence, it is proposed to purchase the equipments
7	Core Area: Creation of crop protection structures. (Solar Power Fence, Chain-Link Fence, Nylon fence)										
A33	Maintenance of Solar powered fences 15 Km at Rs.8000/- Km	16.4.6 / 4.2	Kml File attached	15 Kms	15 Kms	1.20	1.20	kml file attached	5 Kms (@ Rs.1.00 Lakh/ per km)	5.00	In Kediyam Range of Ambasamudram Division, the solar power fence (16 kms) is working properly. The solar power fence has to be maintained on monthly basis and also under growth has to be removed from the fence. The annual maintenance and monitoring is very much essential. Hence this provision.
8	Core Area: Procurement of traps to catch problematic animals.										

A34	Procurement of trapping cages, monkey traps, net gun (rope launcher), devices to control and drive back the strayed animals, driving back the crop raiding elephants, rescue of wild animals, rehabilitation & Postmortem charges etc	16.4.13/4.2	Nil	LS	LS	2.00	2.00	Nil	3	3.25	These equipments are essential for conflict emergencies in and around the protected areas. The net gun is very much essential for rescue the wildlife without any harm. Hence this provision
9	Core Area: Habitat improvement										
A37	Construction of check dams for arresting soil erosion and water storage during peak summer in water sources. Ambal 2 nos, Kalakad 2 nos	16.2.14/3.1							2	6.00	The aspect and slopes in KMTR are steep with terrain facilitating run off waters. Hence it is very much essential to construct check dams to arrest the water run off.
A38	Formation of percolation ponds for storage of water and ground water recharge Ambal 1 no	16.2.15/3.2							1	5.00	KMTR has more areas covered with wet evergreen forests. However, the eastern aspect is a rain shadow region more prone to drought during summer. Hence such water holding structures are very much vital to store water.
10	Core Area: Study tours for appraisal of good practices in other reserves.										
A39	Conducting study tour to the frontline, field and office staff for exposure to good practices in other Tiger Reserves, including TA and DA.	16.8.5/6.2	Nil	LS	LS	1.50	1.50	Nil	2	2.00	It is essential to expose staff to the best practices in other Tiger Reserves for encouragement and improvement in the overall working system
A40	Conducting stake holders meetings and workshops	16.8.5/6.2						Nil	3	1.50	NGOs and local institutions working towards conservation will be engaged to make liaison with the public residing in and around the Tiger Reserve on various issues like conflict management, consultative meetings, workshops etc.
11	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										

A41	Project allowance to staff as per the guidelines of Government of India	16.15/7.1	Nil	LS	LS	15.00	10.40	Nil	LS	15.00	To encourage the staff to work in Tiger Reserve, this component is essential. The increased provision is due to additional 20 Forest Guards and 20 Forest Watchers on account of reorganization of beats. Total sanction 221, On roll 132. Vacant 89.	
13	Core Area. Activities for reducing resource dependency											
A43	Enhancing alternate income generation activities in existing VFCs / EDCs 1. Ayarakulam 2. Sankarapandiapuram 3. Paultheru 4. Keelimgam Kalikai 5. Rajiv Nagar 6. Padapuram 7. Athiyarkulam 8. Nambhoppu 9. Keelakalai II 10. Melanavadi at Rs.75000/- per village	16.17/1.1	Nil	10 Village	10 Village	7.50	7.50	Nil	10 Village @ Rs-1.00 Lakh per village	10.00	239 Village Forest Committees were formed under Eco Development. Income generation activities were carried out in these villages as per the guidelines of the NITCA 5 kms belt of the Tiger Reserve has been declared as Buffer Zone and it covers 239 Villages. Only a small initial deposit was made in some villages which were tackled under Eco Development. It is not sufficient for income generation activities. These financial assistance is highly essential to enhance the working system of VFCs / EDCs and upgrade the socio economic profile of VFCs. Hence the provision.	
14	Core Area. Wildlife Conservation Awareness											
A44	Providing signages in the Tiger Reserve	16.17/5.1	Nil	LS	LS	2.00	2.00	Nil	LS	2.00	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 provision.	
A46	Erection of publicity and awareness boards in village fringes, roads, public places FD Office 1 Ambai 1 Kakkad 2	16.23/2.5.1						Nil	5	2.50	It is essential to display public awareness boards, about conservation & Departmental activities to gain good will of people towards eco-development & support from public. Hence this provision	
A47	Erection of awareness steel boards in roads, bus stands, tourist places and all important places in FD Office 1 no Ambai 8 nos Kakkad 6 nos	16.23/2.5.1						Nil	15	3.00	Awareness boards in important places in the nearby township areas facilitate to publicly the importance of TR which inturn promote conservation.	
A49	Purchase of books, journals, printing of T-shirts, pamphlets, awareness promotion umbrellas, books etc for conservation awareness	16.10.5/8.3						Nil	LS	1.00	It is essential for creating awareness among sub-ordinate staffs at Range level, updation about facts in wildlife conservation in other protected areas across India & world.	

A50	Providing Nature Camps and Trekking Programme (Conducting awareness programs, nature camps, etc., for eco-tourism & conservation awareness activities like wildlife week, global tiger day, etc in all 7 Ranges + Eco Ranges 4 nos @ Rs.5000/- programme)					2.00	2.00	Nil	25 @ Rs.15000/ programme	3.75	Conducting awareness program and nature camp for school children and naturalist is the best way towards conservation. Providing promotion materials like mementos, T-Shirts, etc., facilitates the urge for conservation.
	Non recurring Core Total					72.34	67.74			228.16	
A	Non recurring - Buffer										
1	Buffer area : Procurement of hardware, software, manpower, training, GPS etc.,								LS	1.00	Digitization of records is very much the need of the hour in the recent years, and the offices in the buffer zone area need to be equipped with computer and accessories. Hence the provision.
B2	Purchase of Computer accessories with essential softwares in buffer zone offices at Kalakad and Anbai								LS	1.00	
2	Buffer area : payment of compensation to cattle lifting, death of human beings and crop depredation due to wild animals										
B6	Payment of compensation to cattle lifting, death of human beings and crop depredation due to wild animals and creation of barricades to prevent straying of wildlife away from the forest					7.00	6.78	Nil	LS	8.00	Though human wildlife conflict is not major issue in KWTTR, incidence like cattle lifting and crop depredation do occur occasionally during summer and harvest season. The issues are to be paid at once. Crop raids occur in routine manner and claims are to be settled in stipulated period. Hence amount required is essential.
3	Buffer Area : Anti-poaching operations										
B7	Engaging Anti-poaching watchers for 2 APCs located in strategic locations of buffer zone of TR (Anbai, Kalakad @ Rs.10000/- per month, each								20 nos	24.00	For regular patrolling and permeabulation of buffer areas of TR, anti-poaching watchers are required. Hence this provision
B9	Establishment of Wildlife Intelligence & Crime Control Unit (WICCU)								1.00	3.00	Secret service informers are very much necessary for early detection of Wildlife crime. The information collected through WICCU will be very much useful in Tiger Reserve Management. Hence this provision
						16.14/1.1					
						16.14/1.12					

B11	Providing bags, spread sheets, rain coats, etc., to front line staff 4 FG, 4 of KMFTR (Ambal APW 12 + staff 8), (Kalakad APW 8 + staff 4)	16.16/5/21							Nil	32 @ Rs.3000/- per head	0.96	It is essential to support field staffs in remote areas and interior camps for efficient functioning and promoting their morale as per NITCA guidelines.
B13	New connection LPG provided to 2 A/Cs functioning with in Tiger Reserve during 2019-20	16.10/4/15							Nil	2	0.12	It is essential to refill the LPG for connections existing to avoid fuel wood dependency and utility of provided services in Anti-poaching Camps.
B14	Additional fuel to vehicles used for anti-poaching activities fire protection, highway patrolling interstate meetings etc.	16.1.8 / 2.4.3	Nil	LS	LS	200	2.00		Nil	LS	4.00	The Government fuel ceiling for vehicles is always insufficient since emergency situations and anti-poaching operations require more usage of vehicles. Therefore additional fuel is required.
B15	Additional maintenance of vehicles of FD, DDs, EDO, & FROs used for patrolling and anti-poaching activities.	16.1.20 / 2.4.3							Nil	25 @ Rs.100000/- each	2.50	KMFTR has undulated landerred topography and the vehicles running in hilly terrain requires additional maintenance. Hence, maintenance of vehicle is provided.
B16	Engaging ECO tone watchmen for monitoring cattle kill, relate poisoning, conflict data, cattle population and other required data @ 15 days per month / 12 months Ambal division 4 nos, Kalakad division 3 nos	16.1.20 / 2.4.5							Nil	7	5.27	Eco-tone watchmen are employed 1 @ each Range to monitor cattle kill, conflict incidents & other fringe data from villages for monitoring purpose.
B17	Engaging temporary driver on monthly wages for Special Patrolling & Protection drive for one vehicle for 12 months (FD -1, Ambal - 1 and Kalakad - 1, EDO 1) @ Rs.6276/- p.m	16.1.20 / 2.4.3							Nil	4	5.04	Field Director driver post is vacant and during special perambulation and protection drives along different divisions through the landscape, one driver for each division is essential. Hence, provision is made.
B18	Engaging temporary drivers on monthly wages for existing sealed van (2 nos) to anti-poaching camp and patrolling in Ambal division @ Rs.10500/- p.m	16.1.20 / 2.4.3							Nil	2	2.52	Temporary drivers are required to operate patrolling vehicle. Hence this provision.
B19	Engaging patrolling boat operator 2 nos in Ambasamudram division @ Rs.12000/- p.m	16.1.20 / 2.4.3							Nil	2	2.88	Solar powered boats have been sanctioned through TANIL for establishing eco tourism facilities in Ambasamudram division. Boat operator is very much essential for for operating boats.
B21	Cost of fuel for patrolling boats	16.1.20 / 2.4.3							Nil	2	1.00	Fuel and maintenance charges for patrolling vehicles is very much necessary to carry out regular time

B22	Cost of fuel for patrolling vans	16.120/24.3						Nil	2		2.40	bound patrolling duties. Hence the provision.
4	Buffer Area: Specialized training in park interpretation.											
B24	Conducting training on smart patrol and anti-poaching activities to the front line staff	16,83/6.3						Nil	2		0.50	With the recent new trends in patrolling and wildlife monitoring, the frontline staff should be skilled to handle modern android based softwares like M-STRIPES. Frequent brain storming and capacity building sessions are very much needed to fit in. Hence the provision.
B25	Special retraining to the members of Eco Development committee and staff.	16,87/3.8	Nil					Nil	LS		2.50	The members of the Village Forest Committees have to stay updated with the recent trends in forest protection and conservation. Regular trainings have to be conducted for the VFC members as well as for staff for this purpose.
5	Buffer Area: To carry out prophylactic immunization of cattle in and around Tiger Reserve.											
B26	Prophylactic immunization of cattle and stray dogs in the fringe villages @ Rs 0.20 lakhs per camp	16.10/2.10	Nil					Nil	20 camps		4.00	Livestock in the fringe villages bordering the TR has to be immunized to prevent the outbreak of any epidemic diseases to wildlife. Hence this provision
	Non recurring - Buffer						16.00				69.59	
	Total						88.34	83.52			297.85	
	NON-RECURRING - CORE & BUFFER											
	TIGER BEARING AREAS OUTSIDE TIGER RESERVE											
	Non Recurring											
	Redressing man-animal conflict											
F1	Purchase of camera traps - 80 Nos. (20 Nos. each Sanctuary)	16,222							80 Nos		20.00	Wildlife monitoring is very much essential to understand the movement, pattern and behaviour for which trail cameras are required along with accessories to monitor the wildlife and also for population estimation of tiger and leopard. Hence the provision.
E1	Early warning systems - low cost alarms @ Rs.8.00 Lakhs each	16,771							3		24.00	Early warning systems like alarms will be helpful in detecting the presence of wildlife in human wildlife conflict areas to monitor the wildlife movement. This will be helpful to address the conflict very effectively.



E2	Awareness creation to local villagers on wildlife behaviour	16.17.3						Kanyakumari, Nelli, Srivilliputhur and Megamalai	4 nos	16.00	Awareness creation is very much essential for effective conservation of protected areas since many cases of human-wildlife conflicts arise due to lack of proper understanding about the wildlife behavior. Awareness has to be created to the local people on wildlife behavior so that the human wildlife conflicts may be reduced. Hence the provision.
	Capturing problematic and aberrant wild animals										
E3	Capture and translocation of wild animals	16.10.2						Kanyakumari, Nelli, Srivilliputhur and Megamalai	4 nos	4.00	Wild animals straying away from the protected areas has to be rescued and translocated back into the forest areas without any harm. Hence it may kindly be sanctioned.
	Anti-roaching operations										
E4	Engaging of Anti degradation watchers 40 Nos. (10 Nos. each Sanctuary)	16.1.5						Kanyakumari, Nelli, Srivilliputhur and Megamalai	40 Nos Rs.10460 / p.m / per individual for 12 months	50.21	Anti degradation operation are of very much vital to address the present scenarios of man-animal conflicts. An anti degradation team will be engaged to address the human-wildlife conflict. 24*7 who will also be utilized in anti-roaching operations inside the forests. Hence the provision.
	Habitat improvement measures										
E9	Water Augment Structures (Percolation Ponds) 40 Nos. - 10 Nos. each sanctuary	16.2.15						Kanyakumari, Nelli, Srivilliputhur and Megamalai	20no	40.00	Water is very much essential for living things. During dry months the animals moving to the habitation. Hence to avoid the human wildlife conflict and improve the water holding structures is essential. Hence it may kindly be sanctioned.
E10	Artificial borewells - 8 Nos. - 2 Nos each sanctuary	16.2.15						Kanyakumari, Nelli, Srivilliputhur and Megamalai	4nos	20.00	
	MONITORING OF WILD ANIMALS										
E11	Procurement of Android mobile phones for M-STIPES Implementation in Kanyakumari - 30 nos, Nelli - 40 nos, Srivilliputhur - 20 nos and Megamalai Wildlife Sanctuary - 34 nos	16.2.27							144 Nos @ Rs. 8827 each	12.72	Patrolling the interior forest areas and data collection has been taken to the next level. Using cutting edge technologies for data collection during patrolling and anti-poaching camps in Tiger bearing areas has become very much essential for tiger and other wildlife monitoring. M-STIPES android application for data collection has facilitated in effective data collection in many Tiger Reserves across the country including KMTR. Hence the same can be adopted in the neighbouring tiger bearing areas of KMTR since the



	Procurement of computer and other accessories for neighbouring Tiger bearing areas adjacent to KMTR - Kanyakumari, Nelli, Srivilliputhur and Megamalai Wildlife Sanctuary @ 2 nos each sanctuary	16.2.28									Kanyakumari, Nelli, Srivilliputhur and Megamalai	8 nos	400		Agasthyamalai Landscape has good connectivity between the protected areas and Tiger reserve in the States of Tamil Nadu and Kerala. Totally 159 beats are present in the Tiger bearing areas of Kanyakumari WLS, Nelli WLS, Srivilliputhur GSS and Megamalai WLS with a total area of 1948.96 sq. km. M-STIPES application required in all 159 beats. Hence the provision.
E12															
	Tiger Bearing Areas (Non recurring - Total)														
	NON RECURRING														
	GRAND TOTAL														468.78
RECURRING - CORE															
1	Core Area: Deployment of anti-poaching squads.	16.12/11	Nil	110	110			132.00	132.00		Nil	110	132.00		Anti poaching watchers are the back bones in Forest protection. There are 110 anti-poaching watchers engaged in KMTR at present. Without them daily patrolling and forest protection would have become very difficult. Hence the provision.
C1	Engaging anti-poaching watchers. Totally 110 per month for 12 months.														
2	Core Area: Deployment of camp labourers for patrolling.														
C2	Maintenance of existing patrolling camps, deployment of camp labourers for patrolling including monsoon patrolling, etc. at Rs.40000/- per camp	16.13/14	Nil	30	30			12.00	12.00	Nil	14 camps @ Rs.0.40 lakh / camp	5.60		There are more than 35 permanent anti-poaching sheds located in the interior areas and nearby interstate boundaries. Monsoon patrolling and special patrolling requires frequent visit to the camp sites several times in a month for which extra manpower is required. Hence the provision.	
C3	Maintenance of existing anti-poaching sheds includes repairing works for Ambai 4 nos Kalkad 1 no @ Rs.1.00 lakh/- each	16.14/14									knit file attached	5 nos	5.00	Anti poaching camps located in strategic locations of the Tiger Reserve where APVs used to stay have to be maintained for improving their living conditions & safety	
3	Core Area: Legal support for defending court cases														

C4	Legal support for defending cases in the court	16.1.13/15	Nil	LS	LS	1.50	1.50	Nil	LS	1.50	To meet out the expenses and to win the cases in various courts, this amount is essential. Hence this may be sanctioned.
C5	Logistics to prosecute the offenders and to gather intelligence	16.1.18/15	Nil	LS	LS	1.00	1.00	Nil	LS	1.00	For the logistics support to important court cases, wildlife crime investigation, in certain instances, this provision is necessary.
C6	Hiring charges for vehicles used in investigation	16.1.18/15						Nil	LS	1.00	During important court cases, wildlife crime investigation, in certain instances private vehicles are being hired. Hence the provision.
C7	Incentive to informants and documentation, preparation of criminal dossiers	16.1.18/15						Nil	LS	1.50	To meet out the expenditure towards information collection from secret informants at village level & preparation charges towards criminal dossiers, provision is made.
5	Core Area: Maintenance of office equipment.										
C13	Cost of regular and computer stationeries (PCCF, CWLW, APCCF&FD, Ambai and Kalakad)	16.2.1/26.1	Nil	LS	LS	3.00	3.00	Nil	LS	3.00	Stationary items are very much essential for office work with huge number of files dealing in place. Hence this provision.
C14	Fuel for Generator in Additional Principal Chief Conservator of Forests and Field director office, Ambai and Kalakad Divisions.	16.1.2.3/2.63	Nil	LS	LS	1.85	1.85	Nil	LS	2.00	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. Fuel is very much essential for operation of the Generators. Hence this provision.
C16	Maintenance of Generator in Additional Principal Chief Conservator of Forests and Field director office, Kalakad and Ambai Divs	16.1.2.3/2.65	Nil	LS	LS	0.85	0.85	Nil	LS	1.50	When power cut happens the Generators installed in the Offices of the Field Director and Deputy Director, Ambasamudram and Kalakad Divisions are to be used. Periodical maintenance is very much essential. Hence this provision.
C18	Maintenance of existing search lights, torches and batteries in KMTR	16.16.6/14						Nil	LS	1.00	Batteries torches, search lights are to be regularly maintained for their proper functioning and usage. Hence this provision
6	Core Area: Maintenance of wireless tower.										
C19	Procurement of wireless equipments, spare parts & repairs 7 licence renewal fee for wireless frequency of Kalakad Mundanthurai Tiger Reserve	16.1.1.3/2.66						Nil	LS	3.00	Wireless equipment plays the vital role in forest protection through communication. Hence the spare parts of wireless equipments are very much essential
C20	Provision for Broad band charges/ Data card charges to all 6 Range offices, FD, DDS & EDO @ Rs. 2000/-	16.1.1.3/2.65						Nil	10	0.20	In KMTR, the Range offices do not have proper internet connectivity for better communication. Hence this provision

C21	Mobile phone allowance/charges for field staff and monitoring officers @ Rs.12000/- p.m	16.1.13/ 2.6.6								Nil	12 months	1.44	It is encouraging and motivating to provide an allowance of mobile charges @Rs.1000/month to field staff and monitoring officers and this will lead to better communication and effective protection.
C22	Replacement of spares to the office equipments, maintenance of the equipments, wireless sets etc	16.1.23/ 2.6.6	Nil	LS	LS	2.50	2.50	Nil	3	3.00			The equipment like photocopyers, fax machines, cell phone, computers, power supply units, batteries, solar lights, oil engines etc., are already procured under various plan schemes in earlier years. Maintenance of these equipments is necessarily required to avoid additional expenditure for the procurement of new equipment. Hence this is proposed.
C23	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.	16.1.23/ 2.6.6	N 08.57938 E 77.34824	2 nos	2 nos	3.00	3.00	Nil	2 nos	3.50			Repeater station at Kuthiravethi 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 change in wireless sets of the field staff is getting down very frequently, the repeater station at Thirukurugudi also to be maintained.
7	Core Area: procurement/Maintenance of elephants squads												
C24	Maintenance of Sniffer dog in Kalakad Mundanthural Tiger Reserve	16.1.11/4.1	Nil	1	1	3.00	3.00	Nil	LS	4.00			Sniffer dog (Ney) is utilized to find the illegal activities in Tiger Reserve. Maintenance of health of the sniffer dog is very much essential. Hence this provision
8	Core Area: Rewards to Informers.												
C25	Secret services fund (Including Reward)	16.1.17/1.3	Nil	LS	LS	0.75	0.75	Nil	LS	1.00			Encouragement to staff by providing rewards helps in effective detection of offences and in intelligence gathering. Hence this provision
9	Core Area: Maintenance of DD/DO Office												
C29	Extension of DD office 1st floor as training cum meeting hall with necessary equipments above the new office building of DD in Ambal Kalakad 1	16.17.3/ 2.1.3						N 08.5149 E 77.53952 N 08.70948 E 77.45775	1	10.00			There is no training cum meeting hall in existing DD office building. The training cum meeting hall very much important for conducting frequent trainings and discussion. Hence this provision
10	Core Area: Maintenance of FD Office												
C30	Improvement of Office buildings (Field Director Office and Eco Development Office at Trunthweil)	16.2.1.3/ 2.1.3	N 08.69384 E 77.73710	2	2	8.00	8.00	N 08.69386 E 77.73726	1	5.00			Maintenance works need to be carried out to put the building for use.



C31	Improvement of Range office, Kalakad-1, Ambai-2 @ Rs.4.00 Lakhs each	16.2.13/ 2.1.2							N 08.5149 E 77.53052 N 08.52641 E 77.5031	3	6.00	Kalakad Range office and Ambai Range Offices require minor maintenance works. Hence the provision.
C32	Improvement of Eco Range Office Kalakad and Papanasam @ Rs.2.50 Lakhs each	16.2.13/ 2.1.3							N 08.41058 E 77.55078	2	5.00	Kalakad Papanasam Eco Range offices require minor maintenance works. Hence the provision.
11	Core Area: Maintenance of fire watch tower.											
C36	Conducting fire awareness camps in forest fire prone areas of the core area	16.2.15/3.11							Nil	20 camps (Rs.6000/- per camp)	1.20	It is essential to conduct fire awareness camp every year at vulnerable fringe villages in the form of folk dances, meetings and other activities to prevent forest fire & for coordination during forest fire occurrences.
C37	Engaging mazdoors for fire fighting operations in all Ranges @ 20 Mazdoors for one event for 5 events per Range (30 events) Ambai 1500 mandays Kalakad 1500 mandays @ Rs.418.40/manday	16.2.15/3.11							Nil	3000 mandays	12.55	It is essential to mobilize local people for extinguishing fire in contiguous large patch of forest to minimize fire burnt area in each fire occurrence.
C38	Engaging fire protection watcher for 6 months @ RS.10460/- p.m (Rs.418.40 x 25 days = 10460)	16.2.5/2.4.5							Nil	21 nos (Rs.10460 x 6 months)	13.18	The eastern slope of KMITR is very much fire prone and engaging fire watchers is very much necessary for early detection of forest fires.
12	Core Area: Maintenance of Forest Guard Quarters											
C40	Improvement & repairs to Forest Guard & Watcher combined quarters in Kalakad-5 and Ambai-5 at Rs.3.00 Lakhs each	16.2.13/ 2.1.2							Kind file attached	5	15.00	The existing Quarters are in a damaged condition and unfit for accommodation. Maintenance works need to be carried out to put the building for use by the staff.
C41	Improvement & repairs to Forest Range Officer quarters in Ambai Range	16.2.13/ 2.1.2							N 08.70352 E 77.45778	1	2.00	The existing Ranger Quarters in Ambai Range is in a damaged condition and unfit for accommodation. Maintenance works need to be carried out to put the building for use.
C42	Improvement & repairs to Deputy Director, Kalakad & Ambai & EDO Bungalow @ Rs.4.00 Lakhs each	16.2.13/ 2.1.2							N 08.70352 E 77.45778 N 08.5149 E 77.53052	3	12.00	Maintenance works need to be carried out to Deputy Directors and Eco-development Officer's bungalow. Hence this provision
C44	Improvement & repairs to FD Bungalow	16.2.13/ 2.1.2							N 08.71893 E 77.47127	1	5.00	Maintenance works need to be carried out to Field Director bungalow. Hence this provision

C45	Special maintenance to combined FG & FW quarters in Ambai & Kalakad divisions @ Rs.2.50 Lakhs each	16.2.3/2.1.2							N 08.52641 E 77.5031	2	5.00	The existing Quarters are in a damaged condition and unit for accommodation. Maintenance works need to be carried out to put the building for use.
C49	Improvement of Thalayarnal eco tourism centre, Entrance Arch, animal display awareness materials, other facilities to tourist for Kalakad Division								N 08.52659 E 77.50301	1 no	4.00	Public awareness is the key for any successful conservation programme. Hence the tourists visiting Kalakad Sanctuary should be made aware of the biological and ecological significance of the area.
C50	Maintenance of existing Forest Rest House at for eco-tourism in Ambai Kalakad 1								N 08.41038 E 77.56078 N 08.52659 E 77.50301	2	10.00	Forest Rest houses in KMTR were constructed very long ago. Hence it requires frequent maintenance for pleasant stay.
C53	Annual Maintenance of Computer and peripherals in all Range offices of Core zone	16.2.21/ 2.6.1							Nil	LS	3.00	It is essential for effective day to day functioning computers & other equipments in Range offices
16	Core Area: Maintenance of road network.										3.00	Annual maintenance of trekking paths needs to be carried out for effective patrolling and permeabilisation.
C55	Trekking path clearance @ Rs 3900 per Km	16.2.3/2.2.2	kml file attached	150 Kms	150 Kms	5.85	5.85	kml file attached		60 Kms (Rs.5000- per Km)	10.00	In Mundanthurai Plateau we have to repair old roads for use for patrolling along interstate boundary that is prone to poaching and it is also used by Elephants for seasonal migration. These existing coupe roads, patrol roads, NTFP roads & approach roads are highly essential for strengthening protection activities in interior areas and they have to be maintained every year since they are fare weather roads.
C56	Maintenance of existing old coupe roads / patrol roads and NTFP roads / approach roads etc., in core area of Kalakad Mundanthurai Tiger Reserve Ambai 25 Kms Kalakad 25 Kms @ Rs.20000/-Km	16.2.3/2.2.1						kml file attached		50 Kms	10.00	The existing road has been damaged. Hence it requires repair works for easy approach.
C57	Maintenance of fair weather road from Kalakad to sengaltheri in Kalakad Range	16.2.3/2.2.2						N 08.52659 E 77.50301		5 Kms	10.00	
17	Core Area: Monitoring of wild animals.								Nil	1	4.80	Wildlife population estimation and analyzing the data collected in the field and to prepare technical reports, biologists have been engaged through the Tiger Conservation Foundation. Due to inadequate income in the foundation, it is proposed to pay them through this scheme.
C58	Engaging one Biologist for one year @ Rs.40000/- per month											

C62	Procurement of batteries, memory cards etc. for the existing and proposed camera traps	16.7.1/2.16	Nil	380 cameras	380 cameras	3.80	3.80	Nil	LS	2.00	Daily patrolling and monitoring is the key objective of a Tiger Reserve. Apart from that annual assessment of Tigers, co-predators and their prey through standardized eight day protocol and through Phase - IV intensive monitoring of tiger source population is being carried out for which gadgets like camera traps and its accessories, GPS devices, Range finders, compasses etc are very much required.	
C63	Annual wildlife population estimation in Kalakad and Ambai divisions	16.10.3/5.1	Nil	LS	LS	3.00	3.00	Nil	LS	4.00	Wildlife population estimation (Tiger co-predators and prey species) is the prime parameter for effective management. Hence the provision.	
C64	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		Nil	LS	LS	2.00	2.00	Nil	LS	1.00	To find the vantage point the grid survey will be conducted entire bear. Hence this provision.	
C65	Laying and maintenance of 2 km transect lines in all beats @ Rs.3000/- Km	16.7.1/5.1	Nil	150 kms	150 kms	3.75	3.75	Nil	120 Km	3.60	Daily patrolling and monitoring is the key objective of a Tiger Reserve. Apart from that annual assessment of Tigers, co-predators and their prey through standardized eight day protocol and through Phase - IV intensive monitoring of tiger source population is being carried out for which gadgets like camera traps and its accessories, GPS devices, Range finders, compasses etc are very much required.	
C66	Postmortem charges for safe disposal of carcass of larger mammals in KMTR	16.10.3/4.3						Nil	LS	1.00	It is essential to dispose large mammal carcass to prevent wildlife trade and prevention of diseases	
C67	Maintenance of freezer for keeping dead animals carcass in Mundanthurai Range	16.4.6/4.3						Nil	1	0.50	Monitoring the wildlife is very much essential to avoid the human wildlife conflict in the buffer area of Tiger Reserve.	
18	Core Area: Capacity building and training.											
C68	Conducting training on jurisprudence and wildlife forensics to uniform staff in coordination with judiciary	16.8.1/5.2						Nil	LS	1.00	The Forest Range Officers and other uniform staff have to be given periodical training on wildlife forensics, offence detection and detention in co-ordination with crime control agencies and judiciary.	
C70	Skill building / Vocational Training to youth from VFCs / EDCs Villages	4.5.1/3.3	Nil	LS	LS	4.50	4.50	Nil	10	1.00	In this extremely competitive society, students and youth should be developed with technical skills to stand out in the Governmental and corporate sectors. Skill development programmes for the youth of fringe villages are very much necessary for this purpose. Hence the	

C71	Specialized training in the use of GIS, GPS, Antipoaching operators, jurisprudence and wildlife offences	16.8.1/5.2	Nil	LS	LS	0.50	0.50	Nil	LS	1.00	Periodical training on GPS, M-STAPES and anti-poaching operation is very much essential for current update. Hence this provision
C73	Conducting training to frontline staff on wildlife ecology, conflict management and other current issues in the field	16.8.1/5.2	Nil	LS	3.00	It is essential to update the knowledge of field staff to the current scenario for management effectiveness on different subjects.					
C74	Conducting sensitisation and training camps to the staffs NCOs and volunteers in the field of wild animal population estimation	16.8.1/5.2	Nil	LS	2.00	Sensitisation program is very much essential to promote knowledge on wildlife population estimation and management. Hence this provision					
20	Core Area: Water retention structures Repairs to existing larger percolation ponds for storage of water and ground water recharge in Ambai division Kalakad 1 no	16.3.3/3.1	kml file attached	3	3.00	It is essential to maintain the repaired percolation ponds center walls, bunds, etc., for retention of water for wild animals and ground water recharge in interior forest areas.					
C84	Maintenance of existing water troughs in KMTR	16.3.3/3.1	kml file attached	10	5.00	Water retaining structures have to be maintained regularly for proper functioning. Hence the provision.					
C85	Providing drinking water facilities to the wild animals by filling existing water trough during summer in Kalakad division	16.3.3/3.1	kml file attached	10	7.00	During summer, in water scarcity areas, water trough has to be filled in manually to meet the water demands of the wildlife. Hence the provision					
21	Core Area: Weed eradication										
C87	Eradication of invasive species (Fresh removal) at Rs.232080- per Ha (For the year of 2019-20, fresh removal of invasive alien species like lantern, Parthenium etc from wildlife habitats Ambai 50 Ha Kalakad 50 Ha (heavy growth) @ Rs.43090/- Ha)	16.3.1/3.2	kml file attached	40 Ha	40 Ha	9.28	9.28	kml file attached	50 Ha (@ Rs.25000/- Ha)	12.50	Habitat improvement is very much essential to improve the wildlife population. Removal of invasive alien species is crucial to maintain the good habitat for wildlife. Hence this provision

C88	Eradication of forest invasive species (2nd year maintenance) at Rs. 11777/- per Ha (For the year 2019-20, Second year maintenance works of invasive alien species removal area of 2018-19 = 40 ha (Medium) Ambai 20 Ha Kalakad 20 Ha @ Rs. 19584/- Ha)	16.3.1/3.2	Kml File attached	25 Ha	26.88 Ha	2.94	2.94	kml file attached	40 Ha (@ Rs.19584/- Ha)	7.83	It is essential to carry out second year maintenance of weeds such as Iantana, Eupatorium, etc. in Ambasamudram and Kalakad divisions.
C89	Third year maintenance works of invasive alien species removal area of 2017-18. (27 Ha) Medium @ Rs.16158/-Ha	16.3.1/3.2	Kml File attached					kml file attached	25 Ha (@ Rs.19584/- Ha)	4.04	It is essential to carry out third year maintenance of weeds such as Iantana, Eupatorium, etc in Ambasamudram and Kalakad divisions.
22	Core Area: Co-occurrence agenda in buffer and fringe areas (landscape approach, sect oral integration, ecologically sustainable development programed, livelihood options and eco-tourism) (new activity in case of tiger reserves where buffer has not been notified so far).	16.5/1.1									
C90	Conducting awareness meetings and nature camps in schools and forest fringe villages regarding wildlife conservation, human wildlife conflict and other related issues to elicit public co-operation KMTR	16.5/8.2						Nil	LS	1.00	These meeting with forest fringe villagers, students & other stake holders will encourage better rapport with the Department and help in better management of Tiger Reserve.
C91	Conducting medical camps etc. for tribal hamlets and fringe villages in co-ordination with line department and NGOs EDO @ Rs.15000/- camp	16.6.3/3.9						Nil	10	1.50	It is essential to gain good will of the people as well as to expose remote area tribals to proper hygienic and health care.Hence this provision
C94	Engaging eco-sanitary watchers @ Rs.326.50/- per day. Totally 8 watchers / month for 12 months. 2019-20 Ambai division 12 nos, Kalakad	16.10.5/3.3	Nil	8	8	7.84	7.84	Nil	10	12.55	Eco-sanitary Watchers are engaged in places of large pilgrim inflow & tourist movement. They are employed for keeping up hygiene in the premises of tourism spots removing of solid waste, plastic garbages & for checking tourist and pilgrim trespassing.

		(Rs. In lakhs)
Cost of APO including State's share	A	916.61
Center's share in APO	B	505.17
1 st release @ 80% of Center's share	C=0.8*B	404.13
Less: Unspent balance previous financial year	D	2.91
Adjusted 1 st release	E=C-D	401.22
Adjustment of money sanctioned for acquisition of lands in KMTR in terms of MoEF&CC's letter No. 4-1(13)/2016-PT dated June 4, 2019 (copy enclosed)	F	148.00
Net adjusted release	G=E-F	253.22
2 nd release @20% of Center's share	H=0.2*B	101.03

* 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.

