

No. 4-1(13)/2020-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 17th July, 2020

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 2020-21 –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. 596.61 Lakhs (Rupees Five hundred Ninety Six lakhs Sixty One thousand Only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 335.51 Lakhs (Rupees Three hundred Thirty Five lakhs Fifty One 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. 140.41 lakhs (Rupees One hundred Forty lakhs Forty One thousand Only)** as the 1st installment of Central Share towards the Grants-in-aid to Government of Tamil Nadu during the current financial year 2020-21. 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 31.3.2021.
- (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 2020-21 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 for POL / maintenance of vehicles would be admissible only for the vehicles purchased from CSS funds.
- (xxiv) **Funds will not be diverted for any item other than specified herein.**



- (xxv) **Funds to be spent only on items approved in TCP.**
- (xxvi) Compensation for loss due to wildlife is to supplement the State Government fund as per the rules of State Government.
- (xxvii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.
- (xxviii) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- (xxix) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxx) In case of employment through contract, copy of PF & ESI contributions of employees shall be obtained wherever applicable.
- (xxxi) All measurable outcome of this grant must be mentioned in the sanction order and UC is to be submitted as prescribed in GFR 2017 – Form GFR 12-C.
- (xxxii) If the implementing agency does not use the fund for the purpose for which it was given, it has to refund the same with interest.
- (xxxiii) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- (xxxiv) The sanction order must mention measurable physical parameters and all measurable parameters are to be adhered to.
- (xxxv) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxxvi) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or C&AG.
- (xxxvii) All guidelines under the project is to be followed scrupulously.
- (xxxviii) The UC with physical progress report and satellite photo with physical deliverable with date and latitude – longitude coordinates before and after completion of work be obtained of each tiger reserve and uploaded on the website of the implementing agency as well as the Ministry for public access.
- (xxxix) The measurable outcome under the project (quantified) in terms of number of tigers in tiger reserve, eco-tourism in tiger reserve, %age decrease in man-animal conflict etc., may also be submitted in the progress report.
- (xl) All labour payments strictly by DBT.
- (xli) **All guidelines of Project Tiger Schemes are followed by concerned tiger reserve and Expenditure Evaluation Report on the expenditure incurred viz. proposed activities and result achieved may be furnished before release of 2nd installment.**

4. As the annual budget of the Scheme is approved by the Central Government, the Government of Tamil Nadu is not required to furnish bond and sureties, in accordance with the Ministry of Finance O.M. No. 14(1)-EII (A)/64 dated 23.6.1965.

5. The payment sanctioned above is subject to the adjustment on the basis of the audited figures of expenditure. Other terms and conditions of the payment are as under:

- (a) The grant is in accordance with the pattern of financial assistance approved by the Ministry of Finance.
- (b) The grant sanctioned is subject to the adjustment on the basis of the terms and conditions approving the scheme.

6. No deviation from the approved items of expenditure as enumerated in the annexure shall be made without prior concurrence of the Government of India. The guidelines of National Tiger Conservation Authority should be fully adhered to. The Chief Wildlife Warden and the Principal Chief Conservator of



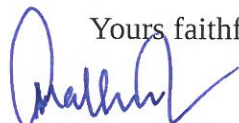
Forests of the State Government should be directed to ensure that the field works are in accordance with the Tiger Conservation Plan and the Annual Plan of Operation by the field inspections from time to time.

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

8. The expenditure incurred is adjustable to the Demand No. 25 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2020-21 :

Scheme	Budget Head	Amount (Rs. in lakhs)
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	
Total		140.41

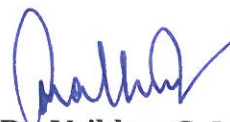
9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 137087/AS&FA (PG) dated 09.07.2020.

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 2020-21 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 IGF, NTCA RO, Bengaluru.
5. The Field Director, Kalakad Mundanthurai Tiger Reserve, Tamil Nadu.
6. The Accountant General, Tamil Nadu.
7. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.



(Dr. Vaibhav C. Mathur)
Assistant Inspector General of Forests (PT)

**KALAKAD MUNDANTHURAI TIGER RESERVE, TAMIL NADU
ANNUAL PLAN OF OPERATION 2020-21**

Annexure

(Rs. in lakhs)

S.N	Items	Para No. / CSS PT Guidelines	TCP No	Location	Previous year (2019-20)		Spl. over work of 2019-20		Current year Proposal (2020-21)			Justification			
					Physical		Financial		Location or GPS co-ordinates	Physical	Financial				
					Target	Achieve ment	Target	Achieve ment			Unit Rate		Total		
(Rs. In Lakhs)															
A	Non recurring Core														
A8	Supply of ration to front line staff staying in remote locations @ Rs.860 p.m / per individual	16.16.1	1.7		83	76	8.57	6.921	70	1.210	Nil	124	860 x 12 Months	12.80	Ration allowance is proposed as per NTCA Ref. No. 12-7/2010 dated 31.07.2014 & Ref. No. 15-31/2012 dated 06.06.2014. This ration allowance is applicable to Forester, Forest Guards and below, working on regular payrolls at field level in Tiger Reserves @ Rs. 860/- per month to 90 Forest Guards / Forest Watchers. The frontline staff on roll as on 31.03.20 is 111. 10% increased in filling up the vacant posts is expected during 2020-21. Hence provision is made for 124 persons.
A9	New connection LPG provided to mobilizing and transit APCs with in Tiger Reserve in Papanasam-2 Kadayam-2 Mundanthurai-1 to all APCs.	16.16.2	1.5								77.42537 8.57775 77.33754 8.69611	5	0.07	0.35	LPG connection is essential to avoid fuel wood dependency and for the utility of provided services in Anti-Poaching Camps. Hence the provision.
A10	Refilling charges for LPG connections provided to all APCs.	16.16.1	1.7		28	28	0.28	0.280			77.45765 8.62088	14	1800 x 12 months	3.02	
A11	Engaging Daily wages for Kayal at Papanasam 6 nos - Ambai Dn, Thalayanai - 3 nos Kalakad Dn	16.17.1	3.3		6	6	7.53	6.519	6	1.000	Nil	6	11500/ Month	8.28	Project Kayal is a new innovative initiative which has become the new tourist attraction at Papanasam and Thalayanai Kalakad eco tourism sites. It requires skilled manpower for proper maintenance of the elusive exhibits. Hence the provision.
	Sub Total						16.38	13.720		2.21				24.45	
2	Core Area: Procurement of field gear, night vision device etc.,														
A12	Procurement of field gear, night vision device, field dress, boots, etc., to APWs/Protection mazdoor	16.1.15	1.2		110	110	6.05	6.045			Nil	110	0.06	6.60	Anti-poaching watchers and frontline staff work in remote areas with adverse environmental conditions. Uniforms and other field gears are very much vital for field personnel. Hence the provision.
A13	Procurement and supply of field gear, night vision device, field dress, boots, etc., to all front line staff - Ambai 90 & Kalakad-34	16.1.21	1.2								Nil	124	0.06	7.44	
A14	Supply of field kit - Providing bags, spread sheets, rain coats, etc., to all front line staff and APWs of Core area	16.1.15	1.2		110	110	3.30	3.300			Nil	110	0.05	5.50	It is essential to support field staff for efficient functioning in remote areas as per NTCA guidelines.

A15	Supply of torch/ batteries - Procuring rechargeable torches for all front line staff. Ambai Dn 90, Kalakad 34				110	3.30	3.300								0.03	3.72	
	Sub Total					12.65	12.645									23.26	
3	Core Area: Construction of Kitchen																
A16	Providing toilet facilities to Anti-poaching shed at Kadayam - 1 nos (Kadana dam Watch tower, Ambai Range - 1 no (Elumichiyaru AP shed), Mundanthurai-1 no Papanasam-1 no)	16.2.1	1.6	N08.43765 E77.52277	1	5.00	5.00								3.00	6.00	Anti-poaching sheds are located in the interior forest areas which lack lavatory facilities. Most of the newly recruited Forest Guards and Forest Watchers are women and such facilities are very much vital. Hence the provision.
	Sub Total					5.00	5.000									6.00	
4	Core Area: Creation of fire lines and fire breaks.																
A17	Maintenance of Fire line of 3 m width for prevention of extending fire to adjacent areas in Ambai division - 145 Kms (Papanasam-30km Ambai-35km Mundanthurai-50km Kadayam-30km) Kalakad Dn - 100 Kms (17.46 X 460=8031)	16.2.15	2.4.1	KWL File attached	300 Km	21.91	21.910								0.081	4.05	It is essential to maintain fire lines as the precautionary method to prevent spread of fire in large dry deciduous tracts in Core areas of KMTR.
	Sub Total					30.70	30.700									11.81	
A18	Clearing of Tiger Reserve/ Sanctuary/interstate boundary at 6 m width in Ambai division - 100 Kms. (Kadayam- 20 Kms Papanasam-20 Kms Ambai-20 Kms Mundanthurai-40 kms) Kalakad Dn - 60 Kms (21 X 460=9660)	16.2.15	2.4.1	KWL File attached	100 Km	8.79	8.790								0.097	7.76	KMTR shares 56 kms of inter State boundary with the State of Kerala. Hence clearly demarcated boundary is highly essential.
	Sub Total																
5	Core Area: Establishing Monitoring system for Tigers intensive protection and Ecological Status (M-Stripes) monitoring.																
A19	Establishing M-Stripes monitoring - Procurement of M-Stripes mobile Ambai Dn 29 nos, Kalakad 21 nos	16.2.27	2.6.2												0.08	4.00	In KMTR, M-STRIPES is being implemented since the start of 2019. At present Panasonic P-55 max android handsets are being used. Since the Tiger Reserve has undulated laddered topography, accessing remote camps and patrolling in the interior forests takes 2 to 3 days. Data download could be carried out once in a fortnight as a result the handsets are overloaded. Hence more number of handsets are required as back up to avoid data overloading and will facilitate in timely data download without any back log.
	Sub Total																
A20	Engaging computer operators for DD Office and all ranges Ambai Dn 2nos, Kalakad Dn 2 nos. FD Office-1 No	16.2.23	2.6.2		5	7.20	6.960	2							0.14	8.40	It is essential to engage computer operators on monthly wages basis in all ranges for data entry and for digital documentation of official administration. Since, there are no sanctioned posts, it is proposed to engage them on temporary basis.

A21: Engaging data entry operators in DD Office, Ambai Dn 2 nos, Kalakad Dn 2 nos, EDO Office 1 no, FD Office 1 no	16.2.23	2.6.2	2	2	2.88	2.760	1	0.120	Wages for one month is pending payment in Kalakad division	Nil	6	0.14	10.08	The information received in FD & DDs office needs a qualified data entry operator with additional qualifications on GIS or MIS for data analysis from the field and preparation of quality maps on offence, fire, satellite imagery processing and classification works & GIS mapping works.
6 Core Area: Procurement of Hardware					10.08	9.720		0.36					22.48	
A23 Purchase of camera traps, Ambai Dn 300 nos, Kalakad 200 nos	16.7.1	2.2	50	50	10.00	10.000				Nil	200	0.20	40.00	Daily patrolling and monitoring is the key objective of a Tiger Reserve. Apart from that annual assessment of Tigers, co-reservators 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, Digital Camera, GPS devices, Range finders, compasses etc are very much required.
A24 Procurement of Range finders and GPS Ambai Dn 29 nos, Kalakad 21 nos	16.7.1	2.2	LS	LS	2.00	2.000				Nil	30	0.20	6.00	
A25 Procurement of Compass Ambai Dn 29 nos, Kalakad 21 nos	16.7.1	2.2								Nil	30	0.065	1.95	
A26 Procurement of Binoculars Ambai Dn 10 nos	16.7.1	2.2								Nil	10	0.07	0.70	
A31 Procurement of Field kits (Knife, Tap, Micro lens, Laser beam light, Monocular etc) Ambai Dn 5 nos, Kalakad 4 nos	16.7.1	2.2								Nil	9	0.10	0.90	
A32 Purchase of UPS for FD Office, Deputy Director Offices Computer with printers, scanners and other accessories	16.2.18	2.1	3	3	6.00	5.999								
7 Core Area: Creation of crop protection Structures, (Solar Power Fence, Chain-Link Fence, Nylon force)					18.00	17.999		0.00					49.55	
A33 Improvement and maintenance of Solar powered fence to control Wildlife within reserve and prevent/ control crop rider damage for all aranges Kadayam-5 Kms, Kalakad - 3 Kms	16.4.3	7.2.2	5Kms @ Rs.1.00 Lakh per Km	5Kms @ Rs.1.00 Lakh per Km	5.00	5.000				77.56236 8.61878 77.33184 8.76545	5 Kms	1.00	5.00	In Kadayam Range of Ambasamudram Division and Kalakad Range of Kalakad division, the solar power fence 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.					5.00	5.000		0.00					5.00	
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	16.4.1.3	4.2	3	3	3.25	3.196								
A35 Purchase of monkey cages, rescue nets, etc for capture and relocation of problematic animals Ambai Dn 3 nos, Kalakad Dn 2 nos	16.4.3	4.2								Nil	2	0.50	1.00	These equipments are very much essential during conflict emergencies in and around the protected areas.

A36	Purchase of snake rescue kits for relocation Ambal Dn 5 nos, Kalakad Dn 5 nos	16.4.3	4.2														Nil	5	0.20	1.00		
A37	Purchase of leopard cages for relocation Ambal Division-2	16.4.3	4.2														Nil	2	0.75	1.50		
A39	Purchase of net gun (rope launcher) and Ropes Ambal Dn 1 nos, Kalakad Dn 1 no	16.4.5	4.2														Nil	1	2.00	2.00		
	Sub Total							3.25	3.196											5.50		
9	Core Area: Habitat improvement measures.																					
A40	Maintenance of natural water holes and earthen ponds by desilting and bund maintenance etc., Kadavam-1 Ambal -1 Mundanthurai-1 Papanasam-1) Ambal Dn -4, Kalakad Dn 2	16.2.16	3.1														77.45978 8.62371 77.35494 8.69363 77.33970 8.67298	4	1.50	6.00		
	Sub Total							0.00	0.000											6.00		
10	Core Area: Study tours for appraisal of good practices in other reserves.																					
A43	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	2	2	2.00	2.000										Nil	LS	1.00	1.00		
A44	Conducting stake holders meetings and workshops	16.8.5	6.2	3	3	1.50	1.500										Nil	LS	1.00	1.00		
	Sub Total					3.50	3.500													2.00		
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																					
A45	Project allowance to staff as per the guidelines of Government of India	16.15	7.1	LS	LS	15.00	10.200			LS	0.800						Nil	LS	17.00	17.00		
	Staff welfare																					
A46	Purchase of first aid kit	16.16.3	1.4														Nil	7 nos	0.10	0.70		

A47	Purchase of Corona Covid 19 protection kit to all field staff and protection mazdoors	16.16.3	1.4																				0.75	0.015	50	Nil						With the recent scenarios of pandemic outbreak of COVID-19 and considering the threat of social spreading to fellow staff and at instances even to the wildlife, it is of utmost important to concentrate on the immunal health of the frontline staff, APWs and for veterinary units.				
A48	Purchase of Corona Covid 19 treatment kit for Veterinary Unit	16.16.3	1.4																				1.00	0.020	50	Nil										
A49	Sample collection for Covid 19 detection test	16.16.3	1.4																				0.50	0.05	10	Nil										
	Sub Total													15.00	10.200		0.80							19.95												
14	Core Area: Wildlife Conservation Awareness Programme																																			
A56	Providing Nature camps and Trekking (Conducting awareness programmes, 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.15000/-programme)	16.10.5	8.3	25	25	3.75	3.750																0.50	0.10	LS	Nil								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.		
A57	Erection of iron gates in interior forest to trespassing in Papanasam Range of Ambasamudram division	16.2.3	25.1																				0.50	1.00	LS	Kmi file attached							In front of every patrolling path steel gate is very much needed to protect the place from the en route tourist and pilgrims unauthorized entry.			
	Sub Total																							1.00												
A	Non recurring - Buffer													3.75	3.750	0.00								1.00												
	Sub Total													123.31	115.43	3.37								177.00												
B1	Anti-poaching operations																																			
B1	Anti depredation Squad team containing 10 watchers and headed by FG /FW Team (1x10x6x20=1200)	16.10.1	7.2.2																																	
1	Buffer area : Procurement of hardware, Software, manpower, training, GPS etc.,																																			
B2	Purchase of Computer accessories with essential softwares in buffer zone range of Kadayam	16.2.28	2.2	LS	LS	1.00	1.000																													
	Sub Total																																			
2	Buffer area : payment of compensation to cattle lifting, death of human beings and crop depredation due to wild animals																																			
B3	Payment of compensation for crop depredation, human death, cattle lifting, human injury and property damage. Kalakad Mundanthurai Tiger Reserve	16.4.1	4.2	LS	LS	8.00	5.610																													
	Sub Total																																			

B4	Maintenance of existing Elephant proof trenches Kadayam-5 kms Papanasam-5 kms Ambai Dn 10 Kms, Kalakad 10 Kms	16.10.1	7.2.2										77.54333 8.601625	10 Kms	0.50	5.00	During summer seasons wild elephants stray out of the Tiger reserve boundary along the eastern side of the reserve in search of food and water. Due to scarcity of water and food, they tend to raid the crops in the patta lands. Therefore digging of elephant proof trenches is highly essential.	
	Sub Total															8.00	8.00	
3	Buffer Area : Anti-poaching operations																	
B6	Wages for Protection mazdoor staying in Anti-poaching camps of buffer zone of Kalakad Muncanthural Tiger Reserve for 12 months (460 X 25)	16.1.22	4.3											10	0.115	13.80	Anti-poaching watchers are very much essential to the protection and perambulation of the buffer area of Tiger Reserve.	
B8	Providing of field gear, boots, blankets etc., to 12 anti-poaching mazdoors in buffer zone anti-poaching camps in buffer within Tiger Reserve and part of sanctuary and frontline staff 10	16.1.22	1.2		32		0.96	0.960						22	0.060	1.32	It is essential to provide uniform and accessories to the anti poaching watchers regularly every year for effective protection of forests	
B9	Supply of mosquito net/ field kit - Providing bags, spread sheets, rain coats, etc., to front line staff 5 FG, 5 FW and 12 Protection mazdoor in Buffer area in Kadayam range of KMTR	16.16.5	1.5											22	0.03	0.66	It is essential to support field staff in remote areas and interior camps for efficient functioning and promoting their morale as per NTCA guidelines.	
B10	New connection LPG provided to mobilizing and transit APCs with in Tiger Reserve	16.10.4	1.5		2		0.12	0.120						2	0.07	0.14	LPG connections in the camp sheds will help in minimizing fuel wood dependency and the utility of provided services in Anti-poaching Camps.	
B11	Additional fuel to vehicles used for anti-poaching activities, fire protection, Highway patrolling interstate meetings etc., (8 vehicles x 1200 litres per vehicle per year approximately)	16.1.8	2.4.3		LS		4.00	3.557	LS					LS	3.00	3.00	The government fuel sealing for vehicles during varied emergencies is not suffice enough and anti-poaching operations require more utilization of vehicles to transport the patrolling team to the nearest accessible point of patrol, therefore additional fuel is required.	
B12	Additional maintenance of vehicles of DD & FROs used for patrolling and anti-poaching activities, etc., Ambai Dn 8 nos, Kalakad 4 nos	16.1.20	2.4.3		25		2.50	1.640	LS					12	0.1	1.20	KMTR has undulated laddered topography and the vehicles running in hilly terrain require additional maintenance. Hence, maintenance expenditure is essential.	
B13	Engaging ECO tone mazdoor for monitoring cattle kill, relate poisoning, conflict data, cattle population and other required data @ 15 days per month / 12 months. Ambai Dn 6 nos, Kalakad 4 nos (15 X 460=6900)	16.1.5	2.4.5		7		5.27	3.640	7					7	0.069	5.80	Eco-tone watchers are employed 2 @ each range to monitor cattle lifting, conflict incidences & to collect other data regarding wildlife offences for monitoring purpose from fringe villages of the Tiger Reserve. Hence the proposal.	
B14	Engaging temporary driver on monthly wages for Special Patrolling & Protection drive for 6 vehicles for 12 months Ambai Dn 1 no, Kalakad Dn 3 nos, FD Office 1 no, EDO Office 1 no (Rs.460 x 25 days)	16.1.2	2.4.3		4		5.04	3.360	2					4	0.115	5.52	The post of permanent driver for Field Director is vacant. Likewise for special perambulation and patrolling especially during the crop raiding season, temporary drivers are being engaged. Hence the proposal.	
B15	Engaging temporary drivers on monthly wages for existing seated van (2 nos) to anti-poaching camp and patrolling in Ambai division @ Rs.11500/- p.m	16.1.20	2.4.3		2		2.52	2.205						1 per month Rs.11500	0.115	1.38	One temporary driver is very much essential to transport the frontline staff and vehicle patrolling in the fringe areas of Tiger Reserve.	

B16	Engaging patrolling boat operator 2 nos in Ambasamudram division @ Rs.12000/- p.m	16.1.20	2.4.3		2	2	2.88	2.760	1	0.120	wages for one boat operator for one month is pending payment	Nil	2 per month Rs.12000	0.120	2.88	Solar powered boats have been sanctioned through TANII for establishing eco tourism facilities in Ambasamudram division. Boat operator is very much essential for operating boats.
B17	Maintenance of Patrolling boat at Ambai and Mundanthurai Range	16.1.20	2.4.3									Nil	2	0.20	0.40	Two boats have been purchased for effective patrolling in core area of the TR. The boats need regular maintenance for proper functioning. Hence the provision.
B18	Maintenance of patrolling vehicles Ambai Dn 2 nos, Kalakad Dn 2 nos	16.1.20	2.4.3		2	2	1.00	0.885	2	0.100	Fuel bills for 4 months are pending for payment	Nil	2 nos	0.50	1.00	Patrolling vehicles need regular maintenance since they are utilized for surprise raids and night patrolling during crop raiding seasons, hence have to be maintained in good condition.
B19	Cost of fuel for patrolling boats	16.1.20	2.4.3		2	2	2.40	1.750	2	0.650	Fuel bills for 4 months are pending for payment	Nil	2 nos	1.50	3.00	Fuel charges for patrolling vehicles is very much necessary to carry out regular patrolling duties time bound. Hence the provision.
B20	Cost of fuel for patrolling vehicles Ambai Dn 1 nos, Kalakad Dn 1 nos	16.1.20	2.4.3				26.69	20.877		3.61					40.58	
4	Buffer Area: Specialized training in park interpretation.															
B21	Conducting training on smart patrol and anti-poaching activities to the front line staff and APWs(28 persons-10+18)	16.8.3	6.3		2	2	0.50	0.500				Nil	LS	0.50	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.
5	Buffer Area: To carry out prophylactic immunization of cattle in and around Tiger Reserve.						0.50	0.500		0.00					0.50	
B23	Conducting prophylactic immunization camp in and around fringe villages in all Ranges of Tiger Reserve area / sanctuary including Buffer zone area	4.5.1	3.3		20 Camp	20 Camp	4.00	4.000				Nil	10	0.2	2.00	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 Total						4.00	4.000		0.00					2.00	
	NON RECURRING - CORE & BUFFER						40.19	31.987		3.61					57.10	
	TIGER BEARING AREAS OUTSIDE TIGER RESERVE						163.50	147.417		6.98					234.10	
	Non Recurring															
	Redressing man-animal conflict															
E1	Purchase of camera traps (25 Nos. each Sanctuary)	16.2.22		Kanyakumari, Nelli, Srivilliputhur and Megamalai	80 Nos	80 Nos	20.00	19.996				Kanyakumari, Nelli, Srivilliputhur and Megamalai	50 Nos	0.200	10.00	80 cameras were procured in the previous year which is not suffice enough to complete the task in prescribed time. Hence the provision.

E3	Awareness creation to local villagers on wildlife behaviour	16.17.3	Kanyakumari, Nellore, Srivilliputhur and Megamalai	4 Nos	2	16.00	7.925	LS (Kanyakumari WLS 4.00 & Srivilliputhur 2.00)	6.000	Awareness creation meetings were conducted. Payment is pending	Kanyakumari, Nellore, Srivilliputhur and Megamalai	2 nos	1.00	2.00	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.
E4	Capturing problematic and aberrant wild animals	16.10.2	Kanyakumari, Nellore, Srivilliputhur and Megamalai												
E4	Procurement of cage to rescue the wildlife	16.10.2	Kanyakumari, Nellore, Srivilliputhur and Megamalai												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.
E6	Anti-poaching operations														
E6	Engaging of Anti depredation Mazdoor 20 Nos. (5 Nos. each Sanctuary)	16.1.5	Kanyakumari, Nellore, Srivilliputhur and Megamalai	40 Nos Rs.10460 / p.m / per individual for 12 months	30 Nos	50.21	33.367	10 (Kanyakumari WLS)	1.150	Wages of Anti-depredation mazdoor for one month is pending payment	Kanyakumari, Nellore, Srivilliputhur and Megamalai	10 nos	Rs. 11500/- per individual per month for 12 months	13.80	Anti depredation operation are of very much vital to address the present scenarios of man-animal conflicts. An anti depredation team will be engaged to address the human-wildlife conflict 24*7 who will also be utilized in anti-poaching operations inside the forests. Hence the provision.
	Habitat improvement measures														
	MONITORING OF WILD ANIMALS														
	Tiger Bearing Areas (Non recurring - Total)					86.21	61.288		7.15					27.30	
	NON RECURRING GRAND TOTAL					249.71	208.71		14.13					261.46	
C	RECURRING - CORE														
1	Core Area: Deployment of anti-poaching squads.														
C1	Remuneration/wages for 110 Anti-poaching watchers for Ambasamudram division - 59 nos and Kalakad - 51 nos for 12 months	16.16.1	1.7	110	110	132.00	128.150	51	3.825	Wages of APWs in kalakad division for 1 month is pending payment	Nil	100	0.125	150.00	Anti poaching watchers are the back bones in Forest protection. There are 110 anti-poaching watchers engaged in core area of KMR at present. Without them daily patrolling and forest protection would have become very difficult. Hence the provision. Wages enhanced to Rs. 12500 per month in G.O.MS.No 89 E & F (FR2-II) Dept, dated 04.09.2019
	Sub Total					132.00	128.150		3.825					150.00	
2	Core Area: Deployment of camp labourers for patrolling.														
C3	Maintenance of existing anti-poaching camps includes repairing works. Mundanthurai-2 Kadayam-2 Ambai-2 Ambai Dn 6 nos, Kalakad Dn 3 nos	16.1.4	1.1	5 Nos	4 Nos	5.00	4.000	1	1.000	70 % of Work completed. Payment not made	77.53638 8.47790 77.45098 8.53245	9	0.75	6.75	Antipoaching camps located in strategic locations of the Tiger Reserve where APWs used to stay have to be maintained for safe and secure stay since healing in open areas is not feasible due to elephant movement.
	Maintenance of existing anti-poaching camps includes repairing works. Papanasam-1(Kovilthiri APS)	16.1.4	1.1								77.33754 8.69611	1	1.00	1.00	
	Sub Total					5.00	4.000		1.000					7.75	
3	Core Area: Legal support for defending court														

C4	Legal support for defending cases in the court	16.1.13	1.5	LS	LS	1.50	1.50						Nil	LS	LS	0.50	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 Ambal Dn - 1.00, Kalakad Dn 1.00	16.1.18	1.5	LS	LS	1.00	1.000						Nil	LS	LS	0.50	For the logistic support to important court cases and wildlife crime investigation it is proposed.
C6	Hiring charges for vehicles used in investigation Ambal Dn - 2.00, Kalakad Dn 1.00	16.1.18	1.5	LS	LS	1.00	1.000						Nil	LS	LS	1.50	During important court cases and wildlife crime investigation, private vehicles are being hired for transportation of staff and the accused. Hence essential.
C7	Incentive to informants and documentation, preparation of criminal dossiers	16.1.18	1.5	LS	LS	1.50	1.500						Nil	LS	LS	0.500	To meet out the expenditures towards information collection from secret informants at village level & preparation charges towards criminal dossiers.
5	Sub Total					5.00	5.000									3.00	
C8	Core Area: Maintenance of office equipment.	16.1.23	2.6.1	LS	LS	3.00	3.000						Nil	LS	LS	1.00	Stationery items are very much essential for office work with large number of file dealing in place. Hence this provision.
C9	Fuel for Generator in Deputy director office, Ambasamudram and Mundanthurai Range, Kalakad Dn, FD Office	16.1.23	2.6.3	LS	LS	2.00	1.313	1	0.300	Fuel bills are pending payment			Nil	LS	LS	1.00	Fuel for generators is a very much essential commodity for uninterrupted office running since there are heavy load shedding sessions during summer months. Hence this provision.
C10	Maintenance of Generator Deputy director office, Ambasamudram and Mundanthurai Range, Kalakad Dn, FD Office	16.1.23	2.6.5	LS	LS	1.50	1.107						Nil	LS	LS	0.75	Machinery like generators installed in the Offices of the Field Director and Deputy Director, Ambasamudram and Kalakad divisions require periodical maintenance. Hence this provision.
C11	Maintenance of existing search lights, torches and batteries in Kalakad Mundanthurai Tiger Reserve Ambal Dn - 1.50, Kalakad Dn 0.50	16.16.6	1.4	LS	LS	1.00	1.000						Nil	LS	LS	0.50	Search lights, torches and rechargeable batteries are to be regularly maintained for their proper functioning and usage. Hence this provision
6	Sub Total					7.50	6.420		0.30							3.25	
C12	Core Area: Maintenance of wireless tower.	16.1.8	2.4.3	LS	LS	3.00	2.225						Nil	LS	LS	1.00	Wireless equipment plays the vital role in forest protection through communication. Hence the spare parts of wireless equipments are very much essential.
C13	Provision for Broad band charges/ Data card charges to all range offices (16 x 1000 x 12) Ambal Dn 8 nos, Kalakad 5 nos, FD Office 1 no, EDO Office 1 no, Veterinary Office 1 no	16.2.23	2.6.6	10	4	0.20	0.080						Nil	16	0.01	1.92	In KMTR, the range offices does not have proper internet connectivity for better communication. Hence this provision
C14	Mobile phone allowance/charges for field staff and monitoring officers (DD + 4 FROs + 5 Forester + 3 Checkposts) Ambal Dn 13 nos, Kalakad Dn 7 nos, FD Office 1 no, EDO Office 1 no, Veterinary Office 1 no	16.2.23	2.6.6	12	9	1.44	1.000	4	0.440	Mobile phone allowance for field staff in Ambal division is pending payment			Nil	23	0.01	2.76	It is encouraging and motivating to provide an allowance for mobile charges @Rs.1000/month to field staff and monitoring officers and this will lead to better communication and effective protection.
C15	Maintenance of office equipments in D.D & 4 Range Offices	16.1.23	2.6.6	LS	LS	3.00	3.000						Nil	LS	LS	2.00	Equipments like photocopiers, fax machines, mobile handsets, computers, uninterrupted power supply units, batteries, solar lights, oil engines etc., have already been procured under various plan schemes in earlier years. Maintenance of this equipment is necessarily required to avoid additional expenditure for the procurement of new equipment. Hence

C16	Improvement of wireless network by replacing the spare parts & repair works for base station. Kuthiraivetti repeater station - Ambai, Sengaltheri - Kalakad	16.1.8	2.4.3			2	2	3.50	1.50	1	2.00	Work completed, payment no made			LS	2.00	2.000	proposed.
C17	Engaging Wireless technician on contract basis for Ambai division for 12 months.	16.1.8/2.4.3	2.4.3								2.44				1	0.150	1.80	It is essential to engage 1 wireless technician, preferable Ex-Serviceman for monitoring wireless network all through the district for better protection.
	Sub Total							11.14	7.805		2.44						11.48	
7	Core Area: procurement/Maintenance of elephants squads																	
C18	Maintenance of Sniffer dog in Kalakad Mundanthurai Tiger Reserve	16.1.11	4.1	LS	LS	2	LS	4.00	2.612	1	1.390	Bills are pending payment			1	2.00	2.00	Sniffer dog (Nex) is utilized to find the illegal activities in Tiger Reserve. Maintenance of health of the sniffer dog is very much essential. Hence this provision
	Sub Total							4.00	2.612		1.39						2.00	
8	Core Area: Rewards to informers.																	
C19	Rewards to all category of Staff and Secret Service Expenditure for intelligence gathering both division	16.1.17	1.3	LS	LS		LS	1.00	1.000								0.50	Encouragement to staff by providing rewards helping in effective detection of offences and in intelligence gathering. Hence this provision
	Sub Total							1.00	1.000								0.50	
9	Core Area: Maintenance of DD/DFO Office																	
C20	Improvement of Deputy Director's Office at Ambasamudram	16.2.1.3	2.1	1	1	10.00	0.000	10.00	0.000	1	10.000	70 % of Work completed. Payment not made			1	2.00	2.00	The maintenance of office building of the Deputy Director/ Wildlife warden at Kalakad and Ambasamudram is being carried out and the work is not yet completed due to deficiency of funding. Hence this provision.
	Sub Total							10.00	0.000		10.00						4.00	
10	Core Area: Maintenance of FD Office																	
	Sub Total																	
11	Core Area: Maintenance of fire watch tower.																	
C25	Conducting fire awareness camps in forest fire prone areas in the eastern boundary. Ambai Dn - 10 , Kalakad Dn 10	16.2.15	8.2	20 camp	14 camp	6 Camps	0.360	1.20	0.840		0.360	6 camps conducted in Ambai division. Payment not made			10	0.10	1.00	It is essential to conduct fire awareness camp every year at vulnerable fringe villages in the form of street dramas, meetings and other activities to prevent forest fire & for coordination during forest fire occurrences.
C26	Engaging mazdoors for fire fighting operations in all Ranges @ 30 Mazdoors for one event for 8 events per range (8 x 30 x 7 = 1680)	16.2.15	3.1	3000 MD	3000 MD		12.55	12.533							1680	Rs. 460	7.73	It is essential to mobilize local people for extinguishing fire in contiguous large patch of forest to minimize fire burnt areas and to prevent the spread of fire before it reaches the containment

Ambai Dn -960 , Kalakad - 720	16.2.15	3.1												Nil	20	11500/ Month	13.80	window. Hence the proposal. The eastern slope of KMTR is very much fire prone and engaging fire watchers are very much necessary for early detection of forest fires and for constant monitoring of fire prone areas during fire season.
C27	Engaging fire protection mazdoor for 6 months (April to June and January to March)-10 /range Ambai Dn 20, Kalakad 15 (460 X 25)					26.93	13.18	13.173			0.36						22.53	
	Sub Total							26.546										
12	Core Area: Maintenance of Forest Guard Quarters																	
C29	Maintenance of Forest Range Officer quarters at Ambasamudram	16.2.1.3	2.1.1	N 08.70352 E 77.45778	1	2.00	0.000		1	2.000				8.702669 77.457417	1	4.00	4.00	The Forest Range Officer building at Ambasamudram range is under construction. Due to deficiency of funding unable to complete the work. Hence this provision.
C30	Improvement & repairs to FROs quarters at Kalakad.	16.2.1.3	2.1.1											8.52659 77.50301	1	1.00	1.00	The forest range office building in Kalakad range is under construction. Due to deficiency of funding unable to complete the work. Hence this provision.
C31	Maintenance of Forest Range Officer quarters. Papanasam-1 & Mundanthurai -1	16.2.1.3	2.1.1											8.705687 77.358385 8.679472 77.346689	2	1.00	2.00	The existing quarters is in a damaged condition and unfit for accommodation. Maintenance works need to be carried out to put the building to use.
C32	Maintenance of Foresters quarters at Upper Kodayar Range.	16.2.1.3	2.1.1											8.52705 77.35903	1	1.00	1.00	Upper Kodayar Range located in remote area. The Forester quarters located at Upper Kodayar and the Range Office nearby requires a retaining wall to prevent soil erosion and land slide during the rainy season. Hence the proposal.
C33	Maintenance of Foresters quarters at Kadayam Range.	16.2.1.3	2.1.1											8.778444 77.34553	1	1.00	1.00	The existing quarters is in a damaged condition and unfit for accommodation. Maintenance works need to be carried out to put the building to use.
C34	Maintenance of sentry shed at Papanasam Check post	16.2.1.3	2.1.1											8.71502 77.3742	1	0.75	0.75	The existing sentry shed in Papanasam check post is in a damaged condition and unfit for accommodation. Maintenance works need to be carried out to put the building to use.
C35	Maintenance of existing Forest Inspection Bungalow at Kuthiravetti, Kadayam range complex in Ambai Dn and Kalakad Range in Kalakad Dn 1	16.17.3	2.1.1											77.44678 8.52835	3	0.75	2.250	The inspection bungalows were constructed very long ago and there is necessity for renovations. The age old buildings should be frequently maintained for pleasant stay of officials and staff.
C41	Annual Maintenance of Computer and peripherals in all Range offices	16.2.21	2.6.6											Nil	LS	3.50	3.50	Proper functioning of Computers & other equipments in DD office & Range offices is necessary to carry out digital documentation and for everyday office activities. Hence the proposal.
	Sub Total					5.00	3.000			2.00							15.50	
16	Core Area: Maintenance of road network.																	
C42	Maintenance of Trekking path 3 m width Kadayam-20km Mudanthurai-20km Ambai-20km Papanasam-20km Ambai Dn 80 Kms, Kalakad Dn 70 Kms	16.2.3	2.2.2	KML File attached	60 Kms	3.00	3.00	3.000						KML file attached	80 Kms	0.08	6.40	Annual maintenance of trekking paths needs to be carried out for effective patrolling and perambulation.

C43	Maintenance of existing old coupe roads and patrol roads in core area of the Tiger Reserve (Kadayan - 10 Kms, Mundanthurai - 20Kms, Ambal - 10Kms, Papanasam - 10Kms, Ambal Dn 50 Kms, Kalakad Dn 30 Kms)	16.2.3	2.2.1	KML File attached	50 Kms	50 Kms	10.00	10.000						0.25	0.25	50 kms	KML file attached			12.50	In Mundanthurai Plateau resurfacing of old roads used for patrolling is of vital necessity especially which leads to the camps in the interstate boundary that is prone to poaching. The roads are also used by Elephants for seasonal migration. These existing coupe roads, patrol roads & approach roads are highly essential for strengthening and protection activities in interior areas and they have to be maintained every year since they are fare weather roads.
C44	Maintenance of existing old coupe roads from Kodamadi to Valayar	16.2.3	2.2.1				13.00	13.000								L.S	KML file attached			3.00	The old coupe road from Kodamadi to Valayar is damaged and blocked by growth of thickets in due course and needs resurfacing. Resurfacing of the road will facilitate easy approach to camp sheds in the Inter-State boundary which are vulnerable for trespassing. Hence the proposal.
	Sub Total																			21.90	
	Core Area: Monitoring of wild animals.																				
C46	Engaging biologist Ambal Dn 1 no, Kalakad 1 no	16.10.3	5.1		1	1	4.80	2.398								2	Nil			9.60	The prime objective of a Tiger Reserve is to monitor and maintain a viable Tiger source population with its co-predators and a healthy prey-base. To carry out Wildlife population estimation and for analyzing the data collected in the field and to prepare final technical reports, 2 biologists have been engaged through the Tiger Conservation Foundation. Inadequacy in fund flow and less income in the foundation leads to lack of fund for remuneration Hence it is proposed to pay them through the scheme.
C48	Procurement of batteries, memory card for existing camera trap for Ambal and Kalakad	16.10.3	21.6		LS	LS	2.00	2.000								LS	Nil	Specific		2.00	The adverse climatic conditions of the Tiger Reserve has high impact on the battery life of cameras deployed in the field. Hence the provision.
C49	Annual wildlife population estimation in all Ranges	16.10.3	5.1		LS	LS	4.00	4.000								7 Ranges	Nil			7.00	Wildlife population estimation (Tiger and co-predators, prey species) is the prime parameter for effective management and protection in a Tiger Reserve. Hence the provision.
C51	Clearing of transect lines Ambal Dn 80 Kms, Kalakad Dn 60 Kms	16.10.3	5.1		120 Kms	108 Kms	3.60	3.240	12 kms							140 Km	KML file attached	Work completed. Payment not made		7.00	Permanent transects are a mandate in wildlife population estimation especially in Tiger Reserves. In almost all the beats have existing transects which requires clearing especially in the areas with ochlandra reed breaks since the growth of the species are rapid and covers the transect. Hence the provision.
C52	Postmortem charges for safe disposal of carcass of larger mammals in Kalakad Mundanthurai Tiger Reserve Ambal Dn - 1.00, Kalakad Dn 1.00	16.10.3	4.2		LS	LS	1.00	0.700	LS							LS	Nil	Postmortem charges are pending payment		1.00	It is essential for safe disposal of large mammal carcass to prevent wildlife trade and prevention of spread of diseases from the carcass.
C53	Maintenance of freezer for keeping dead animals carcass in Mundanthurai Range	16.4.6 / 4.3	4.2		1	1	0.50	0.500													
	Sub Total						15.90	12.838												26.60	
	Research and monitoring																				
18	Core Area: Capacity building and training.																				
C57	Specialized training in the field of M-STIPES, GPS and anti-poaching operations and Jurisprudence and wildlife offences.	16.8.1	6.3		LS	LS	1.00	1.000								LS	Nil			0.50	Periodical trainings on GPS, M-STIPES and anti-poaching operations are very much essential for current update. Hence this provision
C58	Conducting training to frontline staff on wildlife	16.8.1	6.3		LS	LS	3.00	3.000								LS	Nil			0.50	It is essential to update the knowledge of field staff to the

C68	Tiger Safari Providing solar facility to the fresh water fish interpretation centre at: Thatayanai Eco Tourism Centre	16.21.2									8.52659 77.50301	1	2.000	2.00	The fresh water fish interpretation center has endemic fishes which require uninterrupted pumping and lighting facilities. The power consumption is recorded to be a little higher. Hence it is proposed to arrange for eco friendly alternate energy sources for continued operationalization.
C69	Maintenance of publicity and awareness boards in village fringes, roads, public places Kadayam-2 Papanasam-2 Mundanthurai-2 Ambai-2 Ambal Dn 8 nos, Kalakad Dn 6 nos Sub Total	16.2.3	5.1				24.37	24.370			kml file attached	14	0.100	1.40	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
22	Core Area: Co-occurrence agenda in buffer and fringe areas (landscape approach, sect oral integration, ecologically sustainable development programmed, livelihood options and eco-tourism) (new activity in case of tiger reserves where buffer has not been notified so far).														
C70	Conducting awareness meetings and nature camps in schools and forest fringe villages regarding wildlife conservation, man animal conflict and other related issues to elicit public co-operation Kalakad Mundanthurai Tiger Reserve Ambal Dn 8 nos, Kalakad 6 nos	16.5	8.2	LS		1.00	0.500	0.500	LS		Nil	10	0.200	2.00	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.
C71	Conducting medical camps etc. for tribal hamlets and fringe villages in co-ordination with line department and NGOs EDO @ Rs.20000/- camp	16.6.3	3.9	10	LS	1.50	0.750				Nil	10.000	0.20	2.00	It is essential to gain good will of the people as well as to expose remote area tribal population to proper hygienic and health care. In the recent trends of pandemic outbreak like COVID - 19, it is of vital necessity to conduct health camps in the fringe villages. Hence this provision
C72	Engaging Eco-Sanitary mazdoors for maintaining hygiene in and around the Tiger reserve, in eco tourism sites and around the temple areas in all ranges for 12 months on daily wages Ambal Dn - 8 nos, Kalakad Dn 6 nos (460 X 25 =11500)	16.15	3.3	10	10	12.55	9.291	3.250	10		Nil	10	Rs. 11500/ Month	13.80	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.
C73	Pilgrims pressure due to temple in Kalakad Mundanthurai Tiger Reserve	16.15	3.3	LS	LS	1.00	1.000								
	Sub Total					16.05	11.541	3.75						17.80	
	RECURRING - CORE Total					297.89	309.482	30.63						320.41	
D	RECURRING - BUFFER														
	Deployment of local work force for patrolling, surveillance of water holes, manning barriers.														

D1	Maintenance of Computer & accessories in buffer zone Range office in divisions	16.2.21.1	2.6.1		LS	LS	0.50	0.50				0.50	0.50	It is essential for effective day to day functioning of computers & other equipments in Range offices.		
D2	Procurement of Binoculars & E-Trax advanced GPS	16.2.22	2.2	LS	LS	1.00	1.00									
D3	Providing field gear, boots, blankets etc., to anti-poaching watchers in 2 anti-poaching camps functioning in buffer within Tiger Reserve and part of sanctuary	16.1.22	1.2	20	20	1.20	1.20									
	Sub Total					2.70	2.70	0.00				0.50				
2	Buffer Area: Deployment of local work force for patrolling, surveillance of water holes, manning barriers.															
D4	Engaging 15-20 local youths and village volunteers along with vehicles for addressing man animal conflict in fringes of Ambai division high conflict zones from Oct to March.	16.1.15	1.2	2000 MD	1732 MD	8.37	7.246	288 MD	1.120		Wages for youths and volunteers for 268 MD is pending payment		1000 Mandays	Rs. 460	4.60	Though incidents of Human - Wildlife conflict are not a major issue in KMTR, local youths are engaged for about 20 days in a month for 6 months temporarily to drive away these straying Elephants back to reserved forests every year.
D5	Erection of Solar power fence in sensitive places for wild animal movement in Kaikad Mundanthurai Tiger Reserve @ Rs.5.00 Lakhs / Km	16.4.6	4.2	2 Kms	1 Km	10.00	4.500	1 Km	5.500		Work Completed. Payment not made					
D6	Anti depredation team containing 10 persons and headed by FG/Fw Team 10 @ Rs.418.40/- Manday	16.4.6	4.3	900 MD	900 MD	3.77	3.770									
	Sub Total					22.14	15.516		6.62					4.60		
3	Buffer Area: Maintenance of (staff quarters, family hostels, office improvement, house keeping buildings, museum).															
D7	Improvement & repairs to Forest Guard & Watcher combined quarters in Buffer areas in Ambasamudram Dn	16.2.1.3	6.1	1	0	1.50	0.000	1	1.500		80% Work Completed. Payment not made					
D8	Improvement & repairs to section Forester Quarters in Ambai division	16.2.1.3	6.1	1	0	1.00	0.000	1	1.000		80% Work Completed. Payment not made					
	Sub Total															
D10	Improvement of veterinary centre infrastructure with facilities of Post mortem room, materials, tools, equipments and Tables etc., (Ponnakudi)	16.4.6									GPS ?		Kml file attached	2.000	2.00	There is no specific post mortem room and facilities in the veterinary unit. Hence the post mortem room proposed.
	Sub Total					2.50	0.000		2.50						2.00	
	RECURRING - BUFFER Total					27.340	18.216		9.12						7.10	

RECURRING - CORE & BUFFER TOTAL		325.23	327.698	39.75	327.51							
TIGER BEARING AREAS OUTSIDE TIGER RESERVE												
Recurring												
Monitoring of Wild animals												
F2 Annual Wildlife population estimation	16.10.3	Kanyakumari, Nelli, Srivilliputhur and Megamalai	4 (@ Rs.3.00 Lakhs each)	3	12.00	6.200			4 Nos.	2.000	8.00	Wildlife monitoring is very much essential to understand the movement of wildlife. The wildlife monitoring through line transect, Carnivore sign survey and habitat monitoring needs to be conducted every year. Hence this provision.
HABITAT IMPROVEMENT MEASURES												
Research and monitoring												
Tiger bearing Recurring Total					12.000	6.200	0.00		0.000		8.00	
Recurring Grand Total					337.230	333.898					335.51	
Grand Total					586.940	542.603	150.05				596.91	

(Rs. In lakhs)

S. No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	261.40	156.84
2.	Recurring (50%)	335.51	167.75
	Total	596.91	324.59

(Rs. in lakhs)

S.No.	Subject	Contents	Amount (Rs in Lakh)
1.	Total cost of APO	A	596.91
2.	Central share in APO	B	324.59
3.	Amount to be released in first installment (50% of centre share)	C=50% of B	162.29
4.	Less: Unspent balance of previous year	D	21.886
5.	Net release	E=C-D	140.41

* 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.



