

No. 4-1(38)/2019-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 10th 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 Parambikulam Tiger Reserve, Kerala during 2019-20 –reg.**

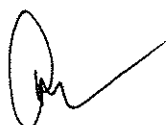
Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Parambikulam Tiger Reserve, Kerala at the cost of **Rs. 630.11 Lakhs (Rupees Six hundred Thirty lakhs Eleven thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 506.60 Lakhs (Rupees Five hundred Six lakhs Sixty thousand only)** being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India** and **Government of Kerala**. 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 Kerala.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 261.92 lakhs (Rupees Two hundred Sixty One lakhs Ninety Two thousand only)** as the 1st installment of Central Share towards the Grants-in-aid to Government of Kerala 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 **Parambikulam 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 Kerala** 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 **Parambikulam 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 Kerala in respect of **Parambikulam Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2020.
- (x) **Parambikulam 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 Kerala** 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 Kerala** to the **Govt. of India**.
- (xiii) Government of Kerala in respect of **Parambikulam 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 **Parambikulam 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 (**Parambikulam Tiger Reserve**) and **Government of Kerala**.
- (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) Compensation for loss due to wildlife is to supplement the State Government fund as per the rules of State Government.
- (xxv) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.
- (xxvi) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- (xxvii) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxviii) In case of employment through contract, copy of PF & ESI contributions of employees shall be obtained wherever applicable.
- (xxix) All measurable outcome of this grant must be mentioned in the sanction order and UC is to be submitted as prescribed in GFR 2017 – Form GFR 12-C.
- (xxx) If the implementing agency does not use the fund for the purpose for which it was given, it has to refund the same with interest.
- (xxxi) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- (xxxii) The sanction order must mention measurable physical parameters and all measurable parameters are to be adhered to.
- (xxxiii) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxxiv) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or C&AG.
- (xxxv) All guidelines under the project is to be followed scrupulously.
- (xxxvi) The UC with physical progress report and satellite photo with physical deliverable with date and latitude – longitude coordinates before and after completion of work be obtained of each tiger reserve and uploaded on the website of the implementing agency as well as the Ministry for public access.
- (xxxvii) The measurable outcome under the project (quantified) in terms of number of tigers in tiger reserve, eco-tourism in tiger reserve, %age decrease in man-animal conflict etc., may also be submitted in the progress report.
- (xxxviii) All labour payments strictly by DBT.

4. As the annual budget of the Scheme is approved by the Central Government, the Government of Kerala 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.



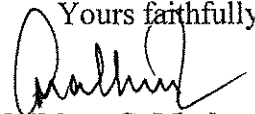
7. In accordance with the revised procedure, the Central Accounts Section, Reserve Bank of India, Nagpur, may kindly be advised to pass on credit to the books of the State Government of Kerala under intimation to this Department.

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)	242.28
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	19.64
Total		261.92

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 123699/AS&FA (PG) dated 05.07.2019.

Yours faithfully,



(Dr. Vaibhav C. Mathur)

Assistant Inspector General of Forests (PT)

Copy to:-

1. The Secretary (Forests), Govt. of Kerala. 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 Kerala.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Kerala.
4. The Field Director, Parambikulam Tiger Reserve, Kerala.
5. The Accountant General, Kerala.
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)

PARAMBIKULAM TIGER RESERVE, KERALA
ANNUAL PLAN OF OPERATION 2019-20

(Rs. in lakhs)

Annexure

Activity	Core/Buffer	Item	Division	Para No. CSS PT Guide-lines	Para No. TCP	Previous Year Details				Proposal for 2019-20				Justification		
						Location /GPS Coordinators	Physical		Financial		Location /GPS Coordinators	Physical Target	Financial Target			
							Target	Achievement	Target	Achievement						
Non-Recurring																
Strengthening	Core	Construction of Section Office building at Pooppara	PKMTR	16.2.1	7.2.2.1.2									1	10.00	For effective protection and monitoring of Wildlife and forest
Strengthening	Core	Providing tuss work and Ceiling for staff quarters at Thunakadavu	PKMTR	16.2.1	7.2.2.1.2									1	5.00	To improve the habitable condition of staff staying in remote areas
Strengthening	Core	Construction of campsheds at Sholayar in the added areas	PKMTR	16.2.1	7.2.2.1.1									1	15.00	To strengthen protection and prevent illegal activities, since there is lack of campsheds in the Adjoining area
Strengthening	Core	Construction of new checkdam	Chaiakudy											1 No	5.00	To ensure the water availability during summer in the adjoining Division
Addressing man animal conflict	Core	Providing Retaining wall to existing EPT around campsheds at Meenchalall	PKMTR	16.4.1.2	7.2.2.1.9									1	5.00	To strengthen the existing EPT around antipoaching campsheds at Meenchalall

Addressing man animal conflict	Core	Providing Retaining wall to existing EPT around campshed at Odagayam	Vazhachal	16.4.1.2	7.2.2.1.9								10.34656, 76.63856	1	4.00	To strengthen the existing EPT under Vazhachal Division
Addressing man animal conflict	Core	Increasing the height of Compound wall around the campshed at Koochinudi	PKMTR	16.4.1.2	7.2.2.1.9								10.52261, 76.83780	LS	2.00	To prevent man animal conflict, the existing wall had not much more height to prevent from Wildlife Animals
Addressing man animal conflict	Core	Erection of Solar fencing around Malikakottail CS	PKMTR	16.4.1.2	7.2.2.1.9								10.40108, 76.72333	5	1.00	To prevent man animal conflict, at present there is no barrier to prevent conflict and the campshed.
Anti-Poaching	Core	Purchase of camping gears including Sleeping Bags, Torches, Search lights, Tents, Bags, Rain coats, binocular, digital cameras	PKMTR	16.1.21	7.2.2.1.2		1		2.00					Specific UR	2.00	For encouraging field staffs and watchers for effective perambulation and camping
Anti-Poaching	Core	Purchase of camping gears including Sleeping Bags, Torches, Search lights, Tents, Bags, Rain coats	Vazhachal	16.1.21	7.2.2.1.2									Specific UR	0.50	For encouraging field staffs and watchers for effective perambulation and camping under Vazhachal Division
Anti-Poaching	Core	Purchase of camping gears to staff and watchers	Nernmara	16.1.21	7.2.2.1.2									Specific UR	0.50	For encouraging field staffs and watchers for effective perambulation and camping under Nernmara Division
Strengthening	Core	Construction of causeways, Chappath and Culverts	PKMTR	16.2.1.3	7.2.2.1.2					1 No	5.00	1.18	10.22.46; 76.41.38; 10.23.24, 76.42.48; 10.23.29, 76.42.51; 10.450690, 76.746710	3 Nos.	3.33	For effective patrolling and protection of core areas.

Strengthening	Core	Construction of Kitchen attached to campshed at Kattinaha	PKMTR	16.2.1.3	7.2.2.1.2		1		3.00	3.11										
Strengthening	Core	Construction of Kitchen and toilet block at Maikkakottai	PKMTR	16.2.1.3	7.2.2.1.2		1		3.00	4.85										
Strengthening	Core	Construction of watch tower at Pothupara in the newly added core area	PKMTR	16.2.1.5	7.2.2.2.12		1		8.00	-										
Strengthening	Core	Construction of new trepath from Padukuty to Kavala	PKMTR	16.2.5	7.2.2.1.9		1		2.00	2.82										
Strengthening	Core	Purchase of equipments and software for implementation of smart patrolling (Mobile hand set)	PKMTR	16.2.27	7.2.1.1		1		4.00	-					21	LS	1.89			For implementing M-STRIPES, purchase of mobile hand set @ Rs. 10,000 each and procurement of Sunto compass
Strengthening	Core	Purchase of equipments and software for implementation of smart patrolling	Vazhachal	16.2.27	7.2.1.1		1		2.00	-					36	LS	3.24			For implementing M-STRIPES in Vazhachal Division
Staff Development	Core	Conducting study tours to other Protected Areas for field staffs, watchers and guides, including FD office Staffs	PKMTR	16.8.5	8.4		1	1 No	2.00	0.51						5	2.00			Exposure visit to the staff and watchers to other PAs to learn management activities in other Protected areas
Project Allowance	Core	Providing Project Allowance to staff of Parambikulam Tiger Reserve and Field Directors Office including arear payment	PKMTR	16.15	7.2.2.1.18		1		17.52	17.52						LS	20.00			Payment of Project Allowance to staff of Parambikulam Tiger Reserve, adjoining Divisions (Nemmara, Chalaky and Vazhachal) and Field Directors Office including arear payment

Staff welfare	Core	Providing ration to frontline staffs staying in interior camps/sheds @860/person	PKMTR	16:16.1	7.2.2.1.18		1		9.20	4.89			LS	8.25	To improve the morale of the staff staying in interior camps/sheds (80 numbers @ Rs. 860/month)
Staff welfare	Core	Supply of kerosene, medical kit, torch and conducting medical camp to the field staffs and watchers	PKMTR	16:16.2	7.2.2.1.6		1		1.00	0.67			LS	0.50	To support staffs working in the interior camps/sheds with medical kit, conducting medical camp etc
Staff welfare	Core	Providing recreation facilities to the staffs	PKMTR	16:16.2									LS	0.50	To support staffs working in remote areas, justify
Fostering Tourism	Core	Improvement Ecotourism programmes including providing solar lighting, solar heater and other eco friendly measures to various ecotourism packages	PKMTR	16:17.1	14.2.1.3.1		1		2.00	-	10.4467, 76.8109		LS	2.00	To reduce the negative impact of ecotourism activities, improve the facilities to the Tourists visiting the park
Fostering Tourism	Core	Conducting Fire Awareness Campaign, printing of brochures, posters, T-shirts and wall writing etc.	PKMTR	16:17.3	7.2.2.2.7		1		1.00	0.83	10.39212, 76.77634		LS	1.50	Conducting fire awareness programmes and celebration of Wildlife week, global tiger day, environment day and creation of mass awareness among the public in adjoining Divisions also
		Sub total - Non Recurring - Core												93.21	

		Non Recurring – Buffer																		
Anti-Poaching	Buffer	Purchase of wireless sets/walkie talkies/batteries	PKMTR	16.2.3	7.2.2.1.11		1 No		0.50	-	10.44748, 76.81126		25 Nos.	2.50	For effective communication and monitoring of newly added core areas. Most of the area are not having any mobile network					
Anti-Poaching	Buffer	Purchase of books related to management of PAs & Legal issues	PKMTR	16.1, 18.1	8.4.1.1		1 No		0.10	-	10.44748, 76.81126		LS	0.05	To improve knowledge on legal aspects in implementing various court cases					
Strengthening	Buffer	Procurement of advanced GPS	PKMTR	16.2.11									1	0.50	For monitoring and research activities					
Strengthening	Buffer	Procurement of 42" LED monitor for GIS lab	PKMTR	16.2.10									1	0.50	To segregate cameratrap photos in GIS Cell					
Mainstreaming wildlife concerns	Buffer	Visa Clearance	PKMTR	16.10.1	7.2.2.1.9		277	324.48	20.21	26.33	10.45192, 76.82494, 10.45232, 76.79843, 10.44576, 76.82164, 10.44200, 76.80143, 10.42791, 76.76006, 10.41783, 76.76617, 10.39725, 76.77324, 10.40743, 76.75427, 10.36498, 76.78761, 10.38878, 76.71300, 10.38535, 76.65040, 10.45138, 76.72758, 10.51699, 76.82234		315 Ha	25.00	To prevent accidental fall of wild animals in to the road & control the man animal conflict					

Staff welfare	Buffer	Uniform to the Guides, Boatmans and Naturalists	PKMTR	16.16.5	7.2.2.1.15	1 No	1.00		115	1.75	To provide stitched uniform to the Guides & Naturalists working under various activities under Parambikulam Tiger Reserve
		Sub total - Non Recurring - Buffer								30.30	
		Total Non Recurring (Core + Buffer)					83.53	62.70		123.510	
		Recurring Core									
		Payment of building tax, telephone, mobile, electricity, water charges and TA bills including Field Director o									
Strengthening	Core		PKMTR	16.2.1	7.2.2.1.1	1	2.70	3.85	LS	3.00	To maintaining the functions of DD & FD office
Strengthening	Core	Providing water supply arrangements to various campsheets	PKMTR	16.2.1					2	3.00	To improve habitable condition in the remote area
											For effective protection of TR from poachers, monitoring and preventing all illegal activities - 23000 man days @ Rs. 645/day
Anti-Poaching	Core	Engaging antipoaching watchers	PKMTR	16.1.2	7.2.2.1.2	1	15681	135.00	23000 mm	145.00	To strengthen protection and Antipoaching activities in Vazhachal Division
Anti-Poaching	Core	Engaging antipoaching watchers	Vazhachal	16.1.2	7.2.2.1.2				1550 mm	10.00	To strengthen protection and Antipoaching activities in Vazhachal Division
Anti-Poaching	Core	Engaging skilled watchers for resuing wild animals from human habitation & releasing to the wild habitat	Nemmara	16.1.2	7.2.2.1.2				1800 mm	11.80	To strengthen protection and Antipoaching activities in Nemmara Division

Anti-Poaching	Core	Engaging antipoaching watchers	Chalakudy	16.1.2	7.2.2.1.2													1550 mm	10.00	To strengthen protection and Antipoaching activities in Chalakudy Division
Anti-Poaching	Core	Engaging Fire Protection Watchers	PKMTR	16.1.5	7.2.2.2.12		1		30.00	16.10								3100 mm	20.00	To prevent habitats from destruction of fire, engaging fire protection watchers @ Rs. 645/m days
Anti-Poaching	Core	Engaging Fire Protection Watchers	Vazhachal	16.1.5	7.2.2.2.12													775 mm	5.00	To prevent habitats from destruction of fire, engaging fire protection watchers @ Rs. 645/m days
Anti-Poaching	Core	Engaging Fire Protection Watchers	Nemmara															775 mm	5.00	To prevent habitats from destruction of fire, engaging fire protection watchers @ Rs. 645/m days
Anti-Poaching	Core	Engaging Fire Protection Watchers	Chalakkudy															385 mm	2.50	To prevent habitats from destruction of fire, engaging fire protection watchers @ Rs. 645/m days
Anti-Poaching	Core	Fuel and Repair & maintenance of Vehicles of Range Officers, Deputy Director and Field Director including Wage	PKMTR	16.1.14	7.2.2.1.10 & 7.2		1		30.00	29.23								10 Nos	30.00	Very essential for performing protection, monitoring and co-ordination of all the activities of Tiger Reserve (Innova-1, Jeep-5, Invader-1, Bolero carper-2 and boat-3)

Anti-Poaching	Core	Uniform to the protection mazdoors (Social Tiger Protection Force)	Vazhachal	16.1.1	7.2.2.1.2						1.00								LS	0.50	To provide stitched uniform to the Antipoaching watchers working under Parambikulam Tiger Reserve
Anti-Poaching	Core	Engaging field protection watchers for Tiger Monitoring	PKMTR	16.1.1	7.2.2.1.2				2066	22.52	20.25								3100 mm	20.00	For effective monitoring and conducting Phase IV Tiger Monitoring @ Rs. 645/m
Anti-Poaching	Core	Reward to informers	PKMTR	16.1.17	7.2.2.1.13			1		0.10	-							LS	0.10	This ensures effective investigation into offences.	
Strengthening	Core	Maintenance of Causeways, Chappath, retaining walls and culverts	PKMTR	16.2.13	7.2.2.3.1.3			9		3.00	1.71								5 Nos	5.00	To ensure the availability of water during pinch period
Strengthening	Core	Improvement and maintenance of Checkdams and other water harvesting structures	PKMTR	16.2.13	7.2.2.3.1.3			1		3.00	1.09								5 Nos	5.00	To ensure the availability of water during pinch period
Strengthening	Core	Providing wheel track in the protection paths	PKMTR	16.2.13	7.2.2.3.1.3														300 m	9.00	To strengthen protection and better connectivity in all the areas.
Strengthening	Core	Desilting of Waterholes & Checkdams	PKMTR	16.2.16	7.2.2.3.2			16		8.00	9.11								10 Nos.	5.00	To ensure the water availability during summer including buffer area
Strengthening	Core	Desilting of Waterholes & Checkdams	Vazhachal	16.2.16	7.2.2.3.2														4 Nos	2.50	To ensure the water availability during summer including buffer area

Strengthening	Core	Maintenance of Waterholes	Nemmara	16.2.16	7.2.2.3.2										10.5378, 76.59714; 10.51864, 76.59953; 10.5335, 76.68003; 10.45892, 76.64303			4 Nos	4.00	To ensure the water availability during summer including buffer area
Strengthening	Core	Creation and maintenance of firelines and prescribed burning	PKMTR	16.2.15	7.2.2.2.4, 7.2.2.2.3			1	7.5 Km	35.00	47.16	10.45197, 76.82389; 76.82389; 10.445815, 76.82110; 10.451121, 76.79468; 10.50857, 76.80615; 10.51886, 76.82333; 10.462484, 76.75148; 76.75148; 10.462484, 76.75148; 10.46377, 76.7289; 10.40738, 76.75481; 10.36343, 76.80669; 10.39023, 76.75416; 10.37243, 76.67077; 10.39838, 76.6821						225 Km	45.50	To prevent habitats from destruction of fire in Parambikulam Tiger Reserve and adjoining divisions (Nemmara, Chalaky and Nemmara) Fireline @ 22000/km and prescribed burning @ 1000/ha
Strengthening	Core	Creation and maintenance of firelines	Vazhachal	16.2.15	7.2.2.2.4, 7.2.2.2.3							10.27528, 76.65585; 10.29517, 76.62325			10.2602, 76.66714; 10.30037, 76.66714			21 Km	5.00	To prevent habitats from destruction of fire in Parambikulam Tiger Reserve and adjoining divisions (Nemmara, Chalaky and Nemmara) Fireline @ 22000/km and prescribed burning @ 1000/ha

Strengthening	Core	Creation and maintenance of Firelines	Nemmara	16.2.15	7.2.2.2.4, 7.2.2.2.3														10.5911, 76.60263	20 Km	4.00	To prevent habitats from destruction of fire in Parambikulam Tiger Reserve and adjoining divisions (Nemmara, Chalakudy and Nemmara) Fireline @ 22000/Km and prescribed burning @ 1000/ha
Strengthening	Core	Creation and maintenance of Firelines	Chalakydy	16.2.15	7.2.2.2.4, 7.2.2.2.3															20 Km	4.00	To prevent habitats from destruction of fire in Parambikulam Tiger Reserve and adjoining divisions (Nemmara, Chalakudy and Nemmara) Fireline @ 22000/Km and prescribed burning @ 1000/ha

Strengthening	Core	Maintenance of Trekpaths	PKMTR	16.2.3	7.2.2.1.9	62.5	10.00	7.32	10.53233, 76.84092, 10.52365, 76.83835, 10.52354, 76.83835, 10.50714, 76.82763, 10.52043, 76.80565, 10.49996, 76.80876, 10.49803, 76.82934, 10.47412, 76.79236 10.47627, 76.77671 10.44561, 76.80716, 10.43339, 76.78014, 10.42310, 76.81144, 10.41817, 76.81316, 10.41838, 76.82152, 10.40680, 76.83374, 10.41752, 76.75442, 10.36435, 76.80587, 10.35556, 76.81637, 10.32791, 76.83519, 10.38719, 76.74804, 10.39169, 76.71481, 10.41463, 76.83763;	10.50746, 76.83288, 10.49213, 76.79301, 10.52204, 76.81798, 10.52118, 76.81830, 10.49224, 76.79161, 10.48613, 76.81444, 10.44958, 76.79987, 10.44818, 76.78314, 10.46598, 76.77435 10.43275, 76.78572, 10.43360, 76.75142, 10.40959, 76.76885; 10.40981, 76.78464, 10.40659, 76.81359, 10.40487, 76.81380, 10.39330, 76.77521, 10.38279, 76.76406, 10.32871, 76.83529, 10.36146, 76.77569, 10.37282, 76.72103, 10.36618, 76.69544, 10.38997, 76.66979;	10.3018, 76.75801	10.27738, 76.75019	12 Km	2.00	To enable antipoaching watchers to reach all sensitive points in time. Here it is proposed for 63 Km @ Rs. 16000/Km
									To enable antipoaching watchers to reach all sensitive points in time. Here it is proposed for 63 Km @ Rs. 16000/Km						



Strengthening	Core	Maintenance of Coupe Roads	PKMTR	16.2.4	7.2.2.1.9		50	4 Km	8.00	12.28	10.44572, 76.80699, 10.50339, 76.80485, 10.52376, 76.83872, 10.45301, 76.70473, 10.39083, 76.77677, 10.40091, 76.72081, 10.40713, 76.72103, 10.38033, 76.65650, 10.38183, 76.62563	10.43264, 76.78256, 10.45472, 76.74182, 10.51282, 76.83629, 10.44464, 76.73410, 10.40755, 76.72360, 10.39576, 76.67472, 10.38054, 76.65650, 10.38483, 76.62005, 10.41484, 76.60290	62.5 Km	10.00	To enable antipoaching watchers to reach all sensitive points in time. Here it is proposed for 63 Km @ Rs. 16000/km
Strengthening	Core	Maintenance of Coupe Roads	Vazhachal	16.2.4	7.2.2.1.9						10.30092, 76.60724, 10.1700, 76.6964, 10.26017, 76.66714, 10.30037, 76.66714	10.29927, 76.70399, 10.27528, 76.65585, 10.29517, 76.62325	9	1.50	To enable antipoaching watchers to reach all sensitive points in time. Here it is proposed for 63 Km @ Rs. 16000/km
Mainstreaming wildlife concerns	Core	Treatment of sick, injured animals & postmortem and disposal	PKMTR	16.10.3	12.4		1		1.00	0.37			LS	1.00	For treatment, post mortem and disposal of death animals
Mainstreaming wildlife concerns	Core	Procurement of equipment related to Postmortem	PKMTR	16.10.3	12.4		1		0.50	-			LS	0.50	For treatment, post mortem and disposal of death animals, sample collection kits etc.
Mainstreaming wildlife concerns	Core	Conducting Phase IV Tiger Monitoring exercise twice in a year	PKMTR	16.10.3	12.4		1		5.00	3.07			LS	2.00	For conducting phase IV Tiger monitoring, baiting & repair of CIS
Staff Development	Core	Conducting training and capacity building programmes to field staffs, watchers and guides including FD office	PKMTR	16.8.1	8.4 & 11.3		10		1.00	0.12			8 Nos.	1.00	To improve the capacity building of field personnel, legal awareness and wildlife management

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Staff Development	Core	Conducting training and capacity building programmes	Vazhachal	16.8.1	8.4 & 11.3											2 Nos	0.50	To improve the capacity building of field personnel, legal awareness and wildlife management
Habitat Improvement	Core	Habitat improvement - Maintenance of Vayals	PKMTR	16.3.4	7.2.2.3.3			350	364	20.00	29.56	10.46932, 76.82855; 10.48423, 76.81715; 10.48108, 76.81395; 10.4447, 76.77436; 10.44458, 76.80818; 10.44526, 76.8237; 10.4323, 76.78175; 10.4336, 76.75238; 10.42711, 76.77521; 10.43986, 76.8021; 10.45259, 76.75771; 10.50038, 76.80481; 10.4925, 76.7963; 10.38402, 76.6473; 10.39505, 76.661; 10.40222, 76.70272; 10.40886, 76.70021; 10.43363, 76.73569 10.44183, 76.74197; 10.38555, 76.749; 10.37461, 76.79463; 10.36733, 76.78472; 10.38927, 76.75302; 10.4047, 76.75706; 10.41965, 76.73808, 10.40555, 76.744716; 10.46361, 76.71880			280 Ha	28.00	To improve the foreging capacity of vayals & maintain vayal ecosystem in Parambikulam Tiger Reserve	

Habitat Improvement	Core	Soil & Water Conservation	Nemmara	16.3															10.88293, 77.05058, 10.88293, 76.54902, 10.55895, 76.56013, 10.53655, 76.66874, 10.53276, 76.66235	325 m ³	5.00	To prevent soil erosion		
		Recurring - Subtotal - Core																			448.40			
		Recurring Buffer																						
Anti-Poaching	Buffer	Repair of arms and purchase of ammunition	PKMTR	16.1.10	7.2.2.1.12			1														LS	0.10	To strengthen antipoaching activities during monsoon period, engaging watchers in all the four Ranges of Parambikulam Tiger Reserve (2170 man days @ 645/m day)
Anti-Poaching	Buffer	Engaging watchers for monsoon patrolling	PKMTR	16.1.7	7.2.2.1.2			1														2170 mm	14.00	
Strengthening	Buffer	Maintenance & Improvement of Inspection Bungalows, Dormitory, Tree top huts including wages to the attenders	PKMTR	16.2.1	7.2.2.1.1			1														4 Nos.	1.50	To improve the habitable condition of inspection bungalows and dormitory in Anapady Thunakadavu and Parambikulam

Strengthening	Buffer	Maintenance and improvement of Staff Quarters, office buildings including Field Director office	PKMTR	16.2.1.4	7.2.2.1.1		1		10.00	21.81	10,48,147, 76,79,539; 10,50,237, 76,80,681; 10,43,473, 76,78,108;	18 Nos.	18.00	To improve the habitable condition of staff quarters, toilet facility & water supply arrangement
Strengthening	Buffer	Annual maintenance of computers and peripherals, Photocopiers, Fax machines, LCD Projectors, consumables ,slat	PKMTR	16.2.2.1.1	14.4.3		1		2.00	1.71		LS	1.50	For maintenance of computers and peripherals, Photocopiers, Fax machines, LCD Projectors, consumables ,stationeries and other office expenses including Field Director offices
Strengthening	Buffer	Purchase of cameratraps	Peechi	16.2.1.1	7.2.2.1.5 & 11.2							20 Nos	4.00	For conducting tiger monitoring and other census activities in the adjoining Division
Strengthening	Buffer	Renovation of Nature study hall at Anappady	PKMTR	16.2.1							10,44,615, 76,81,172	1	2.00	Creating awareness and conducting nature education camps for the students and public
Tiger Safari	Buffer	Procuring education material, signages, display boards and Publication of folders and posters, brochures, News	PKMTR	16.2.1	14.2.1.3.3		1		1.50	1.11		LS	1.50	Supply of publicity materials for Conservation awareness and conducting nature education camps
Strengthening	Buffer	Renovation of Thekkai IB	PKMTR	16.2.1	7.2.2.1.1						10,45,341, 76,74,43	1 No	8.00	To strengthen protection and improve habitable condition to the staff working in the remote areas

		(Rs. In Lakhs)	
	A	B	C=0.8*B
Cost of APO including State's share	630.11		
Center's share in APO	327.41		
1 st release @ 80% of Center's share	261.92		
Less: Unspent balance FY 16-17	-		
Adjusted 1 st release	261.92		
2 nd release @ 20% of Center's share	65.49		
	E=C-D		
	F=0.2*B		

* 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.

