

No. 4-1(18)/2017-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 20th July, 2017

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 Periyar Tiger Reserve, Kerala during 2017-18 - reg.

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Periyar Tiger Reserve, Kerala at the cost of **Rs. 705.99 Lakhs (Rupees Seven hundred Five Lakhs Ninety Nine thousand only)** as per details given in the annexure. Of the total cost of the scheme, Rs. 469.61 lakhs being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India** and the **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. 290.772 lakhs (Rupees Two hundred Ninety Lakhs Seventy Seven thousand Two hundred only)** to the State Government towards the Grants-in-aid to Government of Kerala during the current financial year 2017-18. 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 230 (1) 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 **Periyar 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 **Periyar Tiger Reserve** shall be audited by C&AG or by any person authorized by him on his behalf in accordance with the provisions laid down in Section 14 of the C&AG (DPC) Act, 1972 as amended from time to time.
 - (vii) The accounts of the Project Tiger Scheme shall be open for inspection by the sanctioning authority and audit, both by the Comptroller & Auditor General of India under the provision of C&AG (DPC) Act, 1972 and internal audit party by the Principal Accounts Office of the Ministry whenever it is called upon.
 - (viii) The Utilisation Certificate against the earlier funds released under Grants-in-aid have been received and accepted by the competent authority.
 - (ix) Government of Kerala in respect of **Periyar Tiger Reserve** may furnish their performance-cum-achievement report alongwith Utilisation Certificate in prescribed format on or before 31.3.2018.
 - (x) **Periyar 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 2017-18 and unspent balance, if any, will be refunded by **Government of Kerala** to the **Govt. of India**.
 - (xiii) Government of Kerala in respect of **Periyar 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 **Periyar Tiger Reserve** strictly as per the Memorandum of Understanding (MOU) between the Ministry of Environment, Forest and Climate Change, acting through the National Tiger Conservation Authority, Field Director (Periyar 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) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.



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

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 for implementation of National Tiger Conservation Authority shall be fully adhered to. The Chief Wildlife Warden and the Principal Chief Conservator of Forests of the State Government should be directed to ensure that the field works are in accordance with the Tiger Conservation Plan and the Annual Plan of Operation by the field inspections from time to time.

7. 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 involved will be met from within the Sanctioned Budget Grants of Centrally Sponsored Project Tiger Scheme under Demand No. 27, Ministry of Environment, Forest and Climate Change, Major Head 3601 – Grants-in-aid to the State Governments, 3601.06 – Centrally Sponsored Schemes (Sub Major Head), 3601.06.101-Central Assistance / Share (Minor Head), 3601.06.101.02-Integrated Development of Wildlife Habitats (Sub-Head), 02.01-Project Tiger (Detailed Head), 3601.06.101.02.01.31- Grants-in-aid General for the year 2017-18 (Plan).

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 83165/AS&FA dated 13.07.2017.

Yours faithfully,


(Sanjay Kumar)

Deputy 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 2017-18 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, Periyar Tiger Reserve, Kerala.
5. The Accountant General, Kerala.
6. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
7. The IG, NTCA Regional Office, Bengaluru.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.


(Sanjay Kumar)

Deputy Inspector General of Forests (PT)

ANNEXURE

**Annual Plan of Operation 2017-18
Periyar Tiger Reserve, Kerala**

(Rs. in Lakhs)

Activity	Item	Para No. CSS PT Guidelines	Previous financial year	Para No. TCP	No. of Items (Physical)	Location	Unit Price (Rs.)	Total (Financial Target)	GPS
Anti-Poaching	Procurement of arms and ammunition	16.1.3	3.60	10.1.7.11	LS	PTR	LS	04.00	9°28'44.73"N, 77°14'35.66"E
	Procurement field gear, night vision device, field dress, boots, binoculars	16.1.21	12.00	10.1.3	LS	PTR	07.00	07.00	9°28'44.73"N, 77°14'35.66"E
		16.1.21	02.00	10.1.3	LS		LS	01.50	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Providing support to tiger reserves for raising, arming and deploying Social Tiger Protection Force (STPF)	16.1.1	04.080	10.1.4.1	1000	PTR	0.005	05.00	9°28'44.73"N, 77°14'35.66"E
			01.50		600		0.005	03.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Establishing patrolling camps/ chowkis/ staff quarter etc.	16.1.3	04.00	10.1.7.1	1	PTR	LS		9°28'44.73"N, 77°14'35.66"E
			06.00		2		03.00	06.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Organizing vehicular patrolling by constituting squads (Tiger Protection Force) (comprising of field staff, laborers and police or SAF or ex-army personnel or home guards with wireless handset and paraphernalia for apprehending offenders, apart from prescribing a patrolling calendar for the squad.	16.1.6	23.00	10.1.7.9	4600	PTR	0.005	23.00	9°28'44.73"N, 77°14'35.66"E
			07.50		1500		0.005	07.50	
	Strengthening	Creation of road network	16.2.5	05.00	10.1.7.6	38 KM	PTR	00.16	06.80
Creation of fire lines and fire breaks		16.2.14	10.00	7.2.2.2.3	100 KM	PTR	00.10	10.00	9°28'44.73"N, 77°14'35.66"E
Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-STriPES) monitoring		16.2.27	07.00	7.2.2.2.9	1	PTR	LS	01.00	9°28'44.73"N, 77°14'35.66"E
			05.00		1		LS	00.50	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
Procurement of Hardware		16.2.18	01.00	8.3	1	PTR	LS	02.00	9°28'44.73"N, 77°14'35.66"E
			00.20				LS	00.25	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4"

[Handwritten Signature]

									Azhutha Range -N 09° 32' 45" E 70° 56' 32"
Addressing man-animal conflict	Procurement of traps to catch problematic animals	16.4.3	01.75	12.3	1	PTR	LS	02.00	9°28'44.73"N, 77°14'35.66"E
			00.30					00.30	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Procurement cages to catch problematic animals	16.4.4	-	12.3	1	PTR	LS	01.00	9°28'44.73"N, 77°14'35.66"E
				00.30		1		LS	00.30
	Creation of crop protection structures. (Solar Power Fence, Chain-Link Fence, Nylonforce)	16.4.2	10.00	17.2.1	1	PTR	LS	10.00	9°28'44.73"N, 77°14'35.66"E
			04.00					05.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Procurement of tranquilizing equipments, darts, rescue vehicles, drugs	16.4.5	03.00	12.3	1	PTR	LS	03.50	9°28'44.73"N, 77°14'35.66"E
			00.50					1	LS
Mainstreaming wildlife concerns	Capturing problematic and aberrant wild animals	16.10.2	02.00	9.3	1	PTR	LS	03.00	9°28'44.73"N, 77°14'35.66"E
			01.00						LS
	Habitat improvement measures	16.10.5	05.00	7.2.2.3.1	1	PTR	LS	05.00	9°28'44.73"N, 77°14'35.66"E
			02.00						
Staff Development	Providing project allowance and special incentives	16.8.2	00.70		1	PTR	00.70	00.70	9°28'44.73"N, 77°14'35.66"E
	Study tours for appraisal of good practices in other reserves	16.8.5	01.50	10.1.9	5			02.00	9°28'44.73"N, 77°14'35.66"E
			00.50					1	
	Dissemination workshops	16.8.6	00.80	14	1	PTR	LS	01.00	9°28'44.73"N, 77°14'35.66"E
			00.25		1		LS	00.25	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"

Project Allowance	Provision of Project Allowance to staff (all categories) of Project Tiger (providing project allowance to Ministerial staff is a new component) (non recurring). Separate for all categories. See from guide lines	16.15	26.964		4200	PTR	0.0065	27.30	9°28'44.73"N, 77°14'35.66"E
			11.00		144 Nos X 12 month		0.0065	11.232	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
staff welfare	Provision for ration allowance to field staff	16.16.1	03.50	12.7	1	PTR	LS	03.50	9°28'44.73"N, 77°14'35.66"E
			02.00			PTR	LS	02.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Supply of medicine	16.16.3	0.75	12.3	1	PTR	LS	01.00	9°28'44.73"N, 77°14'35.66"E
			0.25					00.50	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Supply of field kit	16.16.4		10.1.3	1	PTR	LS	02.00	9°28'44.73"N, 77°14'35.66"E
								02.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
Rehabilitation package	Deployment of the denotified tribes in foot patrolling for protecting wildlife	16.6.1	07.00	10.1.11	2000	PTR	0.005	10.00	9°28'44.73"N, 77°14'35.66"E
			01.50		500		0.005	02.50	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Education facilities	16.6.4	02.10	17.2.1	1	Fringe areas of PTR	LS	02.50	9°28'44.73"N, 77°14'35.66"E
			01.00					00.80	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Housing and related community welfare	16.6.5	00.70	17.2	1	PTR	01.00	00.80	9°28'44.73"N, 77°14'35.66"E
Fostering Tourism	Activities for reducing resource dependency	16.17.1		17.2	1	PTR	01.50	01.50	77°14'35.66"E, 9°28'44.73"N
	Activities for reducing human tiger interface conflict	16.17.2	00.70	17.2	1	PTR	01.50	01.00	9°28'44.73"N, 77°14'35.66"E
	Total Non-Recurring (Core):							190.48	
	Non-Recurring (Buffer):								
Anti-Poaching	Deployment of elephant squads	16.1.15	04.250	10.1.2	1000	Sabarimal a andpremis es	0.005	05.00	9°28'44.73"N, 77°14'35.66"E
			01.750		420		0.005	02.10	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"

	Establishing of patrolling camps/ chowkis/ building	16.1.4		10.1.2	3	Various anti-poaching camps	01.00	03.00	9°28'44.73"N, 77°14'35.66"E
					3		01.00	03.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
Strengthening	Procurement of hardware, software, manpower, training, gps etc.	16.2.28			25	PTR	00.20	05.00	9°28'44.73"N, 77°14'35.66"E
	Creation of fire watch tower	16.2.9			2	PTR	05.00	01.00	9°28'44.73"N, 77°14'35.66"E
	Upgradation of road network	16.2.6	06.00	10.1.7.5	10	PTR	00.50	05.00	9°28'44.73"N, 77°14'35.66"E
			07.50				00.50	05.00	N.09° 32' 45" E 70° 56' 32" N 09° 25' 58.7" E 76° 56'56.4" N 09° 32' 45" E 70° 56' 32"
Adressing man-animal conflict	Deployment of traps, cages to catch problematic animals	16.4.4	00.50	12.3	1	PTR	00.75	00.75	9°28'44.73"N, 77°14'35.66"E
			00.250		1	PTR	LS	00.30	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Payment of compensation for cattle lifting, death of human beings and crop predation due to wild animals	16.4.1	03.00	17.2.1	1	PTR	LS	02.00	9°28'44.73"N, 77°14'35.66"E
			02.00		1	PTR	LS	02.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
Man Animal conflict	Redressing man-animal conflict	16.10.1		5.6	1		LS	00.50	9°28'44.73"N, 77°14'35.66"E
					1		LS	01.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
Staff development	Specialized training in the use of Global Information System (GIS), anti-poaching operations	16.8.3	00.60	8.3	1	PTR	LS	00.30	9°28'44.73"N, 77°14'35.66"E
			00.20		1	PTR	LS	00.25	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Specialized training in park interpretation	16.8.7	00.50	8.5	1	PTR	LS	00.50	9°28'44.73"N, 77°14'35.66"E
	Provision for ration allowance to field staff	16.16.1	07.00		1	PTR	LS	07.00	9°28'44.73"N, 77°14'35.66"E
	Supply of mosquito net-field kit	16.16.5	00.70		140	PTR	500	00.70	9°28'44.73"N, 77°14'35.66"E
Eco-Development	Basic health care/ Health Camps	16.6.3	00.50	12.3	1	PTR	LS	00.50	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	To carry out prophylactic immunization of cattle in and around Tiger Reserve	4.5.1	00.50	10.1.5.5	1	PTR	LS	00.50	9°28'44.73"N, 77°14'35.66"E

			00.50		1	PTR	LS	00.50	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
Total Non-Recurring (Buffer):									
Recurring (Core):									
Anti-poaching	Deployment of anti-poaching squads	16.1.2	35.00	10.1.2	7000	PTR	0.005	35.00	9°28'44.73"N, 77°14'35.66"E
			15.00		3000	PTR	0.005	15.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Maintenance of existing patrolling camps/ chowkis	16.1.4		10.1.2	5	PTR	01.00	05.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Deployment of camp labourers for patrolling	16.1.5	48.750		7000		0.005	35.00	9°28'44.73"N, 77°14'35.66"E
	Maintenance of wireless network	16.1.8	08.00	10.1.7.8	1	PTR	LS	08.00	9°28'44.73"N, 77°14'35.66"E
			04.00		1	PTR	LS	04.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Purchase of wireless sets	16.1.8	01.00	10.1.7.8	1	PTR	LS	02.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Maintenance of vehicle (boats, motorbikes, mobility)	16.1.20	08.00	10.1.7.9	1	PTR	LS	08.00	9°28'44.73"N, 77°14'35.66"E
			08.00		1	PTR	LS	08.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Organizing surprise raids jointly with the local police (n railway stations, local trains, bus-stops, buses, catcher and cafeteria)	16.1.9	01.00	10.1.4.1	1		LS	01.25	9°28'44.73"N, 77°14'35.66"E
			00.50		1	PTR	LS	00.50	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Legal support for defending court cases		02.00		1		LS	02.00	
			01.00		1	PTR	LS	01.00	
Strengthening	Maintenance of camp, culvert)	16.2.1.2	12.50	10.1.2	25	PTR	LS	10.00	9°28'44.73"N, 77°14'35.66"E
			07.50		15 Nos			07.50	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Maintenance of road network	16.2.4	18.00	10.1.7.5	45	PTR	00.50	22.50	9°28'44.73"N, 77°14'35.66"E
			06.00		15 km		00.50	07.50	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4"

									Azhutha Range -N 09° 32' 45" E 70° 56' 32"
Maintenance of fire watch tower	16.2.9	01.50	10.1.7.2	3	PTR	00.15	00.45	9°28'44.73"N, 77°14'35.66"E	
		01.00		4 Nos	PTR	00.15	00.60	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
Maintenance of bridges	16.2.10	05.00		3	PTR	01.00	03.00	9°28'44.73"N, 77°14'35.66"E	
Maintenance of dams	16.2.12	01.50	10.1.7.2	4	PTR	00.50	02.00	9°28'44.73"N, 77°14'35.66"E	
				4	PTR	00.50	02.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
Maintenance of anicuts, Stop Dam-cum- Bridges, Culvert, Irish Bridge	16.2.13	00.50		1	PTR	00.50	00.50	9°28'44.73"N, 77°14'35.66"E	
				25	PTR	00.12	03.00	9°28'44.73"N, 77°14'35.66"E	
Maintenance of earthen ponds	16.2.16	01.50	10.1.7.2	15	PTR	00.10	01.50	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
Maintenance of Hardware	16.2.21	00.50	8.3	1	PTR	LS	00.50	9°28'44.73"N, 77°14'35.66"E	
				1	PTR	LS	00.50	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
Maintenance of Software	16.2.23		8.3	1	PTR	LS	00.08	9°28'44.73"N, 77°14'35.66"E	
				1	PTR	LS	00.08	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
Maintenance of kuccha roads	16.2.3	11.00	10.1.7.5	75	PTR	00.16	12.00	9°28'44.73"N, 77°14'35.66"E	
		06.40		1	PTR	00.16	06.40	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
Maintenance of trek paths	16.2.3	12.00	10.1.7.5	95	PTR	00.12	11.40	9°28'44.73"N, 77°14'35.66"E	
				50	PTR	00.12	06.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
Creation of wireless tower.	16.2.7	02.00	10.1.7.2	1	PTR	LS	03.00	9°28'44.73"N, 77°14'35.66"E	
		03.00		1	PTR	LS	02.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
For watchers for fire season	16.2.14	05.00	7.2.2.2.3	1000		0.005	05.00	9°28'44.73"N, 77°14'35.66"E	
Maintenance of fire lines and firebreaks	16.2.14	10.00		100	PTR	00.10	10.00	9°28'44.73"N, 77°14'35.66"E	
	16.2.15	08.00	8.58	50	PTR	00.10	05.00	N.09° 32' 45" E 70°	

									56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
	Construction of (staff quarters, family hostels, office improvement, house keeping buildings, museum)	16.2.1.3	06.00	10.1.7.1	1		LS	06.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
	Maintenance of building	16.2.1.3	06.00	10.1.7.2	10	PTR		00.70	9°28'44.73"N, 77°14'35.66"E	
			07.50		10	PTR		00.70	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
Staff Development	Capacity building and training	16.8.1	01.00	8.4	1	PTR	LS	00.50	9°28'44.73"N, 77°14'35.66"E	
			00.50		1	PTR	LS	00.20	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
	Specialized training in jurisprudence and wildlife forensics	16.8.4	00.50		1	PTR		00.50	9°28'44.73"N, 77°14'35.66"E	
Mainstreaming wildlife concerns	Habitat improvement measures	16.10.5	05.00	7.2.2.3.1	1		LS	05.00	9°28'44.73"N, 77°14'35.66"E	
					1		LS	01.50	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
	Vayal maintenance	16.10.5	02.00	7.2.2.3.1	40 ha	PTR		00.06	9°28'44.73"N, 77°14'35.66"E	
					400	PTR		0.005	9°28'44.73"N, 77°14'35.66"E	
Habitat improvement	Weed eradication	16.3.1	05.00	7.2.1.2.1	200	PTR		0.005	01.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Removal of gregarious plant growth from grasslands	16.3.2		7.2.2.3	400	PTR		0.005	02.00	9°28'44.73"N, 77°14'35.66"E
					200	PTR		0.005	01.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Water retention structures	16.3.3	02.00	7.2.2.3	1	PTR	LS		02.00	9°28'44.73"N, 77°14'35.66"E
			02.00		1		LS		02.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Maintenance of waterholes	16.3.3	02.00	7.2.2.3	LS	PTR	LS		02.00	9°28'44.73"N, 77°14'35.66"E
					30	PTR	LS		01.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Total Recurring (Core):								290.36	

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		Recurring (Buffer):								
Anti-Poaching	Establishment of Wireless network	16.1.7	04.850	10.1.7.8	LS	PTR	LS	03.00	9°28'44.73"N, 77°14'35.66"E	
	Establishment of patrolling camps/chowkis/buildings	16.1.4	50.00	10.1.2	6000	PTR	0.005	30.00	9°28'44.73"N, 77°14'35.66"E	
	Maintenance of patrolling camps/chowkis/ buildings	16.1.4	05.840	10.1.2	600	PTR	0.005	03.00	9°28'44.73"N, 77°14'35.66"E	
	Maintenance of arms and ammunition	16.1.14	00.50	10.1.7.10	1	PTR	LS	00.50	9°28'44.73"N, 77°14'35.66"E	
			00.10		1	PTR	LS	00.10	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
	Maintenance of elephant squads	16.1.16	05.00	10.1.2	1000	PTR	0.005	05.00	9°28'44.73"N, 77°14'35.66"E	
			01.00		200	PTR	0.005	01.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
	Maintenance of field gear, night vision device	16.1.22	00.50	10.1.3	1	PTR	00.50	00.50	9°28'44.73"N, 77°14'35.66"E	
			00.15		1	PTR	LS	00.15	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
	Maintenance of wireless network	16.1.18	02.00	10.1.7.8	500	PTR	0.005	02.50	9°28'44.73"N, 77°14'35.66"E	
			00.50		100	PTR	0.005	00.50	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
	Deployment of local work force for patrolling, surveillance of water holes, manning barriers	16.1.12	15.00	10.1.2	3000	PTR	0.005	15.00	9°28'44.73"N, 77°14'35.66"E	
			05.00		1000	PTR	0.005	05.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
	Operation Monsoon-Ensuring special site specific protection measures during monsson considering the terrain and accessibility of Protected Areas	16.1.10	35.00	10.1.2	7000	PTR	0.005	35.00	9°28'44.73"N, 77°14'35.66"E	
			07.50		1500	PTR	0.005	07.50	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"	
Office maintenance and improving	16.2.2	03.00	12.7	1	PTR	LS	03.00	9°28'44.73"N, 77°14'35.66"E		
				150	PTR	LS	02.50	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56'56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"		
Maintenance of road network	16.2.4	02.880	10.1.7.57	22	PTR	00.16	03.52	9°28'44.73"N, 77°14'35.66"E		

			01.60		8	PTR	00.20	01.60	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Procurement of compass range finder, global positioning system (GPS), camera traps	16.2.22		10.1.7.11	1	PTR	01.00	01.00	9°28'44.73"N, 77°14'35.66"E
					1	PTR	LS	00.30	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Maintenance of (staff quarters, family hostels, office improvement, house keeping buildings, museum)	16.2.1.4	12.50	10.1.7.2	15	PTR	00.60	09.00	9°28'44.73"N, 77°14'35.66"E
			05.00		5	PTR	00.60	03.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Establishing wireless network	16.1.7		10.1.7.8	630	Various wireless stations	0.01155	07.28	9°28'44.73"N, 77°14'35.66"E
					900		0.006	05.40	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
Strengthening	Maintenance of kuccha roads	16.2.3	05.00	10.1.7.6	40	PTR	00.16	06.40	9°28'44.73"N, 77°14'35.66"E
			01.60		20	PTR	00.16	03.20	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Maintenance of wireless tower	16.2.8	01.00	10.1.7.2	2	PTR	00.70	01.40	9°28'44.73"N, 77°14'35.66"E
			01.00		2	PTR	00.70	01.40	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
	Maintenance of vehicle (Gypsy, Jeep, Truck, Tractor, Staff car etc.)	16.2.18	10.00	10.1.7	20	PTR	00.30	06.00	9°28'44.73"N, 77°14'35.66"E
			05.00		10	PTR	LS	05.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
Addressing man-animal conflict	Maintenance of tranquilizing equipments and rescue vehicle (items will be in a dropdown)	16.4.6	00.70	12.3	1	PTR	00.70	00.50	9°28'44.73"N, 77°14'35.66"E
Self welfare	Provision for ration allowance to field staff-sub inspector	16.16.3.1	08.00	12.7	1	PTR	08.00	08.00	9°28'44.73"N, 77°14'35.66"E
			02.00		164	PTR	LS	02.00	N.09° 32' 45" E 70° 56' 32" Pamba Range- N 09° 25' 58.7" E 76° 56' 56.4" Azhutha Range -N 09° 32' 45" E 70° 56' 32"
Total Recurring (Buffer):								179.25	

(Rs. In Lakhs)

S.No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	236.38	141.828
2.	Recurring (50%)	469.61	234.805
3.	Total	705.99	376.633

(Rs. In Lakhs)

Subject	Contents	Amount
Cost of APO including State's share	A	705.99
Centre's share in APO	B	376.633
1 st release @ 80% of Centre's share	C=80% of B	301.306
Less: Unspent balance FY 16-17	D	10.534
Adjusted 1 st release	E=C-D	290.772
2 nd release @ 20% of Centre's share	F=20% of B	75.327

* Ecodevelopment initiatives should be based on normative guidelines of the National Tiger Conservation Authority, Ministry of Environment, Forest and Climate Change, Govt. of India issued earlier based on village level, site specific, participatory micro plan with reciprocal commitment between the tiger reserve and the local people.