

No. 4-1(42)/2016-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 13th July, 2016

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

Sub: Centrally Sponsored Plan Scheme 'Project Tiger' Administrative Approval for funds release to Sathyamangalam Tiger Reserve, Tamil Nadu during 2016-17.

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Sathyamangalam Tiger Reserve, Tamil Nadu at the cost of **Rs. 545.574 Lakhs (Rupees Five hundred Forty Five Lakhs Fifty Seven thousand Four hundred only)** as per details given in the annexure. Of the total cost of the scheme, Rs. 217.05 lakhs being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India** and the **Government of Tamil Nadu**. The remaining cost of the scheme will be treated as 60% Central Assistance by the Government of India and 40% assistance by the State Government of Tamil Nadu.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 242.582 lakhs (Rupees Two hundred Forty Two Lakhs Fifty Eight thousand Two hundred only)** including of 10% flexi-fund to the State Government towards the Grants-in-aid to Government of Tamil Nadu during the current financial year 2016-17. The balance amount of the Central Assistance will be released in due course after a review of the progress of expenditure/work is undertaken.

3. The grants-in-aid will be regulated in accordance with the provisions contained in the memorandum of the Centrally Sponsored Project Tiger Scheme. The Grants-in-Aid is also subject to the Chapter 9 of the General Financial Rules 2005, as amended from time to time, read with the Government of India's decision incorporated there-under, and any other guidelines which may be issued in this regard, and in particular to the following conditions:-

- (i) All relevant information and documents/certificates as required under GFR 209(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 **Sathyamangalam Tiger Reserve** under the Project Tiger Scheme are not higher than those applicable to similar categories of employees of Central Government and where it is not in accordance with above,



the relaxation of Ministry of Finance have been obtained for such discrepancies as required under GFR 208(6)(iv)(a).

- (iv) Assets acquired wholly or substantially out of Government Grants shall not be disposed off without obtaining the prior approval of the sanctioning authority of Grants-in-aid.
- (v) **The Government of Tamil Nadu** agrees to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by Govt. of India.
- (vi) The accounts of the **Sathyamangalam Tiger Reserve** shall be audited by C&AG or by any person authorized by him on his behalf in accordance with the provisions laid down in Section 14 of the C&AG (DPC) Act, 1972 as amended from time to time.
- (vii) The accounts of the Project Tiger Scheme shall be open for inspection by the sanctioning authority and audit, both by the Comptroller & Auditor General of India under the provision of C&AG (DPC) Act, 1972 and internal audit party by the Principal Accounts Office of the Ministry whenever it is called upon.
- (viii) The Utilisation Certificate against the earlier funds released under Grants-in-aid have been received and accepted by the competent authority.
- (ix) Government of Tamil Nadu in respect of **Sathyamangalam Tiger Reserve** may furnish their performance-cum-achievement report alongwith Utilisation Certificate in prescribed format on or before 31.3.2017.
- (x) **Sathyamangalam Tiger Reserve** will spend Grants-in-aid exclusively in pursuance of the objectives envisaged in rules/memorandum of the Centrally Sponsored 'Project Tiger Scheme' and for the purpose it is being sanctioned.
- (xi) Grants-in-aid to **Government of Tamil Nadu** is subject to the Economy Instructions issued from time to time by the Ministry of Finance or by the Competent Authority.
- (xii) Grants-in-aid shall be utilized before the end of the current financial year 2015-16 and unspent balance, if any, will be refunded by **Government of Tamil Nadu** to the **Govt. of India**.
- (xiii) Government of Tamil Nadu in respect of **Sathyamangalam Tiger Reserve** will maintain a separate account and will present their annual accounts in the standard format as required under GFR 209(xiii).
- (xiv) Grants-in-aid shall be utilized for **Sathyamangalam 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 (Sathyamangalam Tiger Reserve) and **Government of Tamil Nadu**.
- (xv) Monitorable outcomes on the item of works contained in the sanction letter both in physical and financial terms are required to be furnished in the monthly report regularly. Compliance status on Tripartite Memorandum of Understanding is required before submission of additional or ensuing year's Annual Plan of Operation (APO).
- (xvi) The expenditure should be limited to the amount released and in no case should be done in anticipation of further release by the Ministry.
- (xvii) **The payments of daily wagers should be done through account transfer / account payee Cheques only duly linked with Aadhar Number.**
- (xviii) It may please be ensured that there is no duplication of nature and items of work being proposed in the same area under the Centrally Sponsored Scheme of Project Tiger and other Centrally Sponsored Schemes such as Project Elephant, Eco-development and IDWH Schemes etc.
- (xix) The cost estimates worked out by the Field Director should be based on approved schedule of rates of the State Government, with due approval of the competent authority.
- (xx) Approval of the competent authority be obtained and acceptance of UC may be ensured by PD.
- (xxi) Payments are made by bank transfer and no cash payment is to be made.
- (xxii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.



- (xxiii) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work to be uploaded in the website of the State Government and Centre for public viewing.
- (xxiv) The UCs with photographs and progress report are to be uploaded in the website of the State Government and Ministry for public viewing.
- (xxv) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxvi) In case of employment through contract, copy of PF & ESI of employees shall be furnished.
- (xxvii) UC is to be submitted as prescribed in GFR 19-A.
- (xxviii) If the implementing agency does not use the fund for the purpose for which it was given, it has to refund the same with interest.
- (xxix) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- (xxx) Measurable parameters for outcome / impact assessment shall be incorporated in sanction order and all measurable parameters are to be adhered to.
- (xxxi) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxxii) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or G&AG.
- (xxxiii) All guidelines under the project is to be followed scrupulously.
- (xxxiv) The measurable outcome under the project (quantified) in terms of number of tigers in tiger reserve, eco-tourism in tiger reserve, %age decrease in man-animal conflict etc. are required to be depicted in the progress report.

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

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

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

6. No deviation from the approved items of expenditure as enumerated in the annexure shall be made without prior concurrence of the Government of India. The guidelines for implementation of National Tiger Conservation Authority shall be fully adhered to. The Chief Wildlife Warden and the Principal Chief Conservator of Forests of the State Government should be directed to ensure that the field works are in accordance with the Tiger Conservation Plan and the Annual Plan of Operation by the field inspections from time to time.

7. Further, Ministry of Finance, D/o of Expenditure, Plan Finance-II Division, vide O.M.No.55(5)/PF.II/2011 dated 06-01-2014, has introduced a flexi fund component within the Centrally Sponsored Schemes (CSS) to achieve the following objectives:

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



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

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

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

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

10. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 327/AS & FA dated 30.6.2016.

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 2016-17 may kindly be furnished to this Ministry immediately.
2. The Secretary (Finance), Govt. of Tamil Nadu.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Tamil Nadu.
4. The Field Director, Sathyamangalam Tiger Reserve, Tamil Nadu.
5. The Accountant General, Tamil Nadu.
6. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
7. The IG, NTCA Regional Office, Bengaluru.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.

(Dr. Vaibhav C. Mathur)

Assistant Inspector General of Forests (PT)

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

(Rs. In Lakhs)

Sl. No.	Item	CSS - PT Guidelines	TCP Para No.	No. of Items (Physical Target)	Specification/ Description	Unit Price	Total	GPS Coordinates	Justification
							(Financial Target)		
Non-Recurring (Core)									
A-1.	Procurement of vehicles (boats, motorbikes, mobility, Gypsy, Jeep, Truck, Tractor) (patrolling vehicles against condemnation)	15.1.19	7.2.2.1	2 No	Patrolling Vehicle for Anti-poaching Camps in lieu of two condemned vehicles	6.5	13 000		Special patrolling activities are required for mobilizing camp labourers, supply of ration commodities on weekly basis, supply of water to Anti-Poaching Camps and for monitoring interior areas. The wages for Driver, Fuel and maintenance expenses are proposed in Recurring Components.
A-2	Procurement field gear, night vision device, field dress, boots, binoculars	16.1.21	7.2.2.1.1.2	150	Field gear and Uniforms to Anti-poaching Watchers	0.05	7.500		The Anti-poaching watchers and other frontline staff are to be provided with field gears like rack sack, shoes, uniforms, torch lights etc., for their day to day patrolling. Hence these items are proposed
A-3	Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring	16.2.27	7.2.2.2	65 No	Procurement of Camera Traps, Range Finders	0.588	38 220		<p>1. Phase IV monitoring of tigers, co-predators, prey and their vegetation has to be conducted during 2016 - 2017 based on NTCA guidelines. The tiger monitoring protocol will use camera traps, at a density of 25 double-sided cameras per 100 km² and a minimum trapping effort of 1000 trap nights per 100 km². This will provide a yearly indication of the status of critical tiger populations of the STR, and will be critical to long-term management and conservation of tiger populations.</p> <p>2. Range Finders and Compass are required for conducting 6 day protocol exercise once in 6 months</p> <p>3. Biologists are required for data compilation and analysis and for training to staff.</p>
					Cleaning Transect Lines				
					Engaging a Wildlife Biologist				
A-4.	Creation of wireless tower.	16.2.7	10.3.2	1	Creation of wireless tower	3	3,000	11.71275 77.58268	STR has developed a wireless network to cover all areas of the forest. However, few grey areas of wireless coverage, particularly inter state boarder of Gersalem, T. N. Palayam are observed. To get seamless, full wireless coverage, a tower with repeater station to erected near Guddi. Hence this item is proposed.
A-5.	Creation of fire lines and fire breaks.	16.2.14	7.2.2.3.2	7	1. Maintenance of fire lines	2671	18 700		<p>1. STR is having a large dry deciduous tract vulnerable to annual fires. Precautionary measures of cutting fire lines and fire tracing helps in preventing any major fire and also prevent the spread of fires. Existing network of fire lines available in the Tiger Reserve, needs annual clearance. It is proposed to clear fire lines to a length of 220 km around the Tiger Reserve.</p> <p>2. In the event of fire seasons, labourers have to be mobilized from villages to the fire spot for extinguishing works. It is proposed based on the expected requirements of man power, cost etc.. The expenditure will be incurred as per actual.</p>
					2. Engaging labourers for fire extinguishing				

					3. Additional fuel for vehicles during fire season					3. Local tribal are proposed to be employed as fire watcher during fire season from the months of April to June and February to March to ensure that the fires do not start and also to put off fire at the earliest in case of fire occurrence. The local tribal have a fairly good knowledge of the area and will be helpful in the firefighting and preventive operation. This will also provide short term employment opportunity for the tribal.
					4. Conducting fire awareness camps					4. The fuel and maintenance for department vehicles and boats is necessary to run for anti-poaching activities, fire protection, highway patrolling, rescue operation of strayed animals, mitigation of man-animal conflicts, and interstate meeting purposes. As the regular fuel allotment is insufficient to meet these needs, this item is proposed. This item is very much essential for better management.
A-5	Creation of earthen ponds.	16.2.15	7.2.1.1.1.2	4 No.	Construction of Percolation Ponds / Earthen Dams	6	24,000	11,60622 77,140290 11,536400 77,074010 11,745480 77,126140 11,651000 76,943250	STR receives poor annual rainfall and thus water availability is a major constraint in habitat management. Larger check dams need to be constructed in suitable locations to provide water during pinch period.	
A-7	Procurement of satellite imageries, printing for management planning / Tiger Conservation Plan	15.2.24	6.1	10	Printing Tiger Conservation Plan and Management Plan Maps	0.3	1,500	11,58821 077,129410 11,588210 077,129410	The draft Tiger Conservation Plan is prepared. After obtaining approval from NTCA, the final copies to be printed and supplied to CNLW Office, FD Office and all Ranges.	
A-8	Construction of (staff quarters, family hostels, office improvement, housekeeping buildings, museum).	15.2.1.3	8.5.3	2 No.	Construction of Deputy Director Quarters and Office at Haseenur (Part and Final Payment)	5	10,000		A part amount has been sanctioned in the APO for the previous years. Balance amount proposed for the year 2016 - 2017 to complete the construction work.	
A-9	Procurement cages to catch problematic animals.	15.4.4	6.4.3	1	Procurement of modern trap cages	1.2	1,200		1. For the redressal of man-animal conflict, capturing problematic / aberrant wild animals and rescue operations, the amount is proposed. 2. Modern trap cages are required in the case of straying of larger cats in human habitations. Hence, this item is proposed.	
	Procurement of tranquilizing equipment, darts, rescue vehicles, drugs. (all items will be in a drop down)	16.4.5	6.4.3	1	Purchase of tranquilizing equipment	2	2,000		For the redressal of man-animal conflict, capturing problematic / aberrant wild animals and rescue operations, the amount is proposed.	
A-10	Creation of crop protection structures. (Solar Power Fence, Chain-Link Fence)	16.4.2	6.4.3	2	Forming Chain link fence around Bannari Staff Quarters and Karachi koral Staff Quarters and Nursery Site	2	4,000	11,55437 77,13953	Chain link fencing around Nursery site and Staff Quarters at Bannari and Karachi koral to be protected from Wild Boar and deers. Hence this item is proposed.	
A-11	Day to day monitoring of wild animals	15.7.1	12.2.3	35	Purchase of Post Mortem kits and other expenses related to Post Mortem examination and lab analysis	0.05	1,000		These kits and equipment provided are essential for thorough examination of dead carcasses and for collection of samples, purchase of chemicals, disinfectants, preservatives, and documentation etc.,	

A-12.	Capturing problematic and aberrant wild animals.	16.10.2	6.4.3	2	Purchase of Radio Collar	2.5	5.000	In emergent situations like capture and release of aberrant wild animals, radio collars are required for monitoring of such wild animals. Advance purchase and preparedness to meet such emergency situations is very much essential. This item is also suggested by NTCA vide their Ref. No. 7-7/2012 - NTCA (ROSZ)/831 dated 18-12-2014
A-13.	Habitat improvement measures	16.10.5	5.1.3	5 No.	1. Engaging Eco Sanitary Watchers	2.06	16.515	1. Eco Sanitary watchers are proposed to be engaged in places where there are large movements of pilgrims and tourists. They will be employed from among Eco Development Committee members and local tribal communities. Their services are to be utilized mainly for the following works. (1) Clearing the garbage and polythene materials thrown in the area. (2) Checking the pilgrims and monitoring their movement
					2. Engaging eco wise watchers			2. Rozalite poisoning is identified as major threat in core area of Tiger Reserve. One watcher from vulnerable hamlets/tribal settlements will be selected and through them, data of cattle kill, conflict situations, cattle population of villagers
					3. Conducting workshop for Research needs			3. It is essential to facilitate involvement of a researchers in wildlife biology, especially in the context of intensive studies at the field level. It is also essential to undertake interdisciplinary research moving beyond a single protected area and into a broader landscape framework. This should cover, besides biological aspects, the management and socio-economic aspects of wildlife conservation and protected area management. Being the initial year, it is proposed to conduct workshop to assess and prioritize the site specific research needs of the Tiger Reserve.
A-14	Study tours for appraisal of good practices in other reserves	15.8.5	8.5.1	1	Conducting study tours to frontline staff.	0.5	0.500	The staff in Tiger Reserve have to be exposed to various good practices followed in adjacent Tiger Reserve for better understanding of various management issues
A-15	Dissemination workshops.	15.8.5	8.1	3	Conducting stakeholder meeting and workshops.	0.33	1.000	A number of NGOs / Institutions are functioning around the Tiger Reserve and to be encouraged to engage in Wildlife Research, monitoring and conservation. Efforts need to be made to liaise with them to open new doors of opportunity for training and monitoring. The local field staff needs to be trained by research groups and NGOs working in the region for estimation with reference to population of wild animals. Similarly, consultative meetings, works shops have to be organized with various stakeholders. Hence, it is decided to conduct sensitization camps and training to staff, NGOs etc.
A-16	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 guidelines	16.15	8.5.5	1	Payment of Project Allowance including Arrear payment for the Year 2015 - 2016	16	14.943	Project allowance to the officers and staff from 1.4.2007 at the approved rate by NTCA @ Rs.2,000/- for Field Director, Rs.1,500/- for Deputy Director, Rs.1,000/- for Range Officers, Rs.900/- for Foresters, Rs.700/- for Forest Guards, Forest Watchers, Drivers, Rs.1,000/- for Ministerial staff Class II, Rs.700/- for Ministerial staff Class III and Rs.400/- for Class IV staff and other support staff are being paid as per NTCA guidelines.

A-17	Provision for ration allowance to field staff	16.15.1	9.2.4.1	150	Supply of Ration to Front line staff staying the patrolling camps. 50 % of APW will stay on camps at regular interval.	0.044	6,600		Ration Allowance is proposed as per MCA 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.800/- per month
A-18	Supply of kerosene	16.15.2	10.3.4	15	Providing LPG Connection	0.15	2,250		
A-19	Activities for reducing resource dependency	16.17.1	13.3	5 No	Conducting medical camps and employment camps.	0.2	1,000		conducting medical camps and employment camps will help the management to get public co-operation from forest fringe villages as well as for upliftment of socio-economic status people in the fringe villages.
A-20	Wildlife Conservation Awareness	16.17.3	11.4	5 No.	1. Purchase of Books and Journal	0.3	1,500		It is proposed to maintain the existing publicity boards in the Tiger Reserve by repairing and repainting and publicity about the conservation of Sathyamangalam Tiger Reserve is necessary to publish among the people living in the periphery of Tiger Reserve especially protection, fire hazards, wildlife health monitoring, census, etc.. Hence the budget is proposed and the same may be allowed.
					2. Maintenance of Publicity Boards				
					3. Preparation of Brochures and Booklets				For the procurement of books and journals to refer wildlife related issues is necessary
							174,228		
Part B - Non Recurring - Buffer Zone									
B-1	Establishing of existing patrolling camps / chowkis	16.1.4	12.1	60 No		0.81	48,600		(STR) is strategically important for Wildlife with respect to its connectivity with other Protected Areas, and forest types. Poaching continues to be a major threat to the reserve. Youth from villages and forest settlements are being engaged as APWs to provide information about the movements of the forests offenders. Having excellent knowledge of the entire tract of the Tiger Reserve and the behaviour of the animals, their services are invaluable in the protection of the forests and wildlife. Since Nov 2013, 150 APWs (50 in Core Zone and 60 in Buffer Zone) are being engaged and the same has to be continued for the year 2015-2016. The Buffer Area is also equally important in strengthening the protection of Tiger Reserve. More offences like poaching, snaking are reported from Buffer. So, 50 No. APWs are very much essential for effective protection of Sathyamangalam Tiger Reserve.
B-2	Hardware, software, manpower training, GPS.	16.2.28	12.1	9 No	Purchase of modern gadgets for smart patrolling activities in the Tiger Reserve	0.15	1,350		3. Front line staff / Anti-Poaching teams has to be provided communication gadget as part of smart patrolling to store and retrieve patrolling data for easy analysis and retrieval 4. Each Anti-poaching camp will be provided with one device
B-3	Creation of camp	16.2.11	7.2.1	2 No.	Construction of Percolation Ponds / Earthen Dams	6	12,000	11,53396-77,27022-11,72433-77,38806-	STR receives poor annual rainfall and thus water availability is a major constraint in habitat management. Larger check dams need to be constructed in suitable locations to provide water during pinch period

B-4	Deployment traps, cages to catch problematic animals	16.4.4	7.2.2	3	Procurement of modern trap cages	0.4	1200	<p>1. For the redressal of man-animal conflict, capturing problematic /aberrant wild animals and rescue operations, the amount is proposed.</p> <p>2. Modern trap cages are required in the case of straying of larger cats in human habitations. Hence, this item is proposed</p>	
B-5	Payment of compensation for cattle lifting, death of human beings and crop predation* due to wild animals.	16.4.1		1 No	Payment of compensation for cattle lifting, death of human beings and crop predation* due to wild animals.	Rs	4000	Payment for Human-Animal conflict is time bound and immediate relief for human death and cattle lifting issues are to be paid at once. Crop raids occur in routine basis and claims are to be settled in stipulated period. Hence amount required is essential.	
B-6	Establishment of Tiger Safari, interpretation and awareness centres under the existing component of co-occurrence agenda in buffer and fringe areas	16.22.1	14.3	2	Wildlife Interpretation Centre at Bannari and Hassanur	10	20000	At present STR has no awareness centre, Interpretation Centre to fulfil the need of public. Two places are identified to establish Interpretation Centre.	
B-7	Addressing man-animal conflict.	16.10.1	7.2.2	1	1. Engaging youth for anti-depredation; 2. Fuel and Driver wages for Anti-depredation vehicle used in Bhavanisagar Range.	7.000	7.000	Man Animal conflict incidences in Bhavanisagar are frequent and requires regular intervention of the management. One vehicle donated by an NGO named WCT is used in Bhavanisagar Range for anti - depredation activities. The wages for drivers, fuel, wages for anti-depredation team is proposed.	
B-8	Anti-poaching operations.	16.10.4	12.1	10 No	Providing LPG Connection	0.15	1500		
B-9	Provision for ration allowance to field staff	16.16.1	12.1	60	Supply of Ration to Front line staff staying the patrolling camps; 50 % of APW will stay on camps at regular interval	0.043	2580	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 payroll at field level in Tiger Reserves @ Rs.800/- per month	
B-10	To carry out prophylactic immunization of cattle in and around Tiger Reserve.	4.5.1	11.5	6 No	Organizing prophylactic immunization camps with the support of Animal Husbandry Department in Fringe villages	0.25	1500	Cattles found within the Buffer Zone will be immunized for prevention and spreading the disease to the wild animals inside the tiger reserve.	
Total Non Recurring (Buffer Zone) -							99.739		
Part C - Recurring - Core Zone									

C-1	Maintenance of existing patrolling camps / chowkis	16.1.4	9.2.4	15 Camps	Engaging Anti-Poaching Watchers – 90 No in 15 AP Camps	4.86	72.900	Sathyamangalam Tiger Reserve (STR) is strategically important for Wildlife with respect to its connectivity with other Protected Areas, and forest types. Poaching continues to be a major threat to the reserve. Youth from villages and forest settlements are being engaged as APWs to provide information about the movements of the forests offenders. Having excellent knowledge of the entire tract of the Tiger Reserve and the behaviour of the animals, their services are invaluable in the protection of the forests and wildlife. Since Nov 2013, 150 APWs (90 in Core Zone and 60 in Buffer Zone) are being engaged and the same has to be continued for the year 2016 – 2017
C-2	Maintenance of wireless network.	16.1.8	10.3.2	6	1. Engaging Wireless Technician. 2. Procurement of wireless equipment and accessories 3. Landline Mobile / Broadband charges for Range Offices 4. Mobile Phone Charges for field staff	2.659	10.000	1. To maintain and the wireless network and for effective functioning, trained and qualified wireless technician has to be engaged. Ex-service men from signal wing of Defence Services or Police Wireless Wing will be engaged for this purpose. 2. The Forest Range Offices have to be provided Landline phone along with Data / Broad band facility for easy transmission of data and documentation
C-3	Maintenance of vehicles (boats, motorbikes, mobility)	15.1.20	7.2.2.1.1 2	2	1. Engaging Drivers for two vehicles 2. Fuel Charges 3. Maintenance Cost of Vehicle	1.276	2.566	Vehicles to supply water and ration to anti-poaching camps are essentially required to cover the vast area of Tiger Reserve
C-4	Deployment of anti-poaching squads	16.1.2	10.3	14 Nos.	Establishment of floating camps by engaging temporary watchers	0.608	8.505	In accessible areas in the Tiger Reserve particularly in bordering with Karnataka State are to be given top priority to prevent poaching activities. In the past history, it is observed that many wildlife offences are recorded in such vulnerable areas. In addition to routine patrolling, some special raids with temporary additional madhools have to be conducted particularly in monsoon and summer months. Hence this item is proposed. These watchers will be engaged and deployed based on intelligence gathering and situation demanding
C-5	Organizing surprise raids jointly with the local police (in railway stations, local trains, bus-stops, buses, catchers and cafeteria.)	16.1.9	7.2.2.1.1	1	1. Engaging Madhools for Crime Control Unit	8.155	8.155	1. A crime control unit in the camp office of the Field Director / Deputy Director is essential for receipt of confidential messages regarding movement of poachers, smugglers etc., to be passed on to the concerned rangers for immediate follow up action and also to inform the Field Director of any urgent messages when he is on camp.

					2. Establishment of Wildlife Intelligence & Crime Control unit (WICCU)				2. A separate intelligence gathering unit is formed in Sathyamangalam Tiger Reserve from Nov 2014 onwards. Still poaching is considered as major threat in STR. The information collected through WICCU is very much useful in Park Management. A retired Forest Officer and field staff were engaged in this WICCU unit. A retired Asst. Conservator of Forests and a retired Forester on contract basis will make the unit. Honorarium paid to the staff and secret intelligence gathering fund etc. are provided in this item.
					Fuel and Maintenance charges for WICCU vehicle				3. For fuel and maintenance of vehicle allotted to WICCU unit for field inspection, investigator etc.,
C-6	Rewards to informers.	16.1.17	10.5.3	2	Rewards to all category of Staff and Secret Service Expenditure for intelligence gathering	0.25	0.500		To provide encouragement and help in effective detection of offenses and in intelligence gathering, rewards to informants for intelligence gathering are proposed. Further, for certain confidential operations and to collect intelligence, this item is proposed.
C-7	Legal support for defending court cases.	16.1.18	7.2.2.1.1.3	5	1. Hire Charges for vehicles used in investigation 2. Incentive to informants and documentation, preparation of criminal dossiers	0.2	1.000		To meet out the expenditure related looking and prosecuting offences and appeal petitions pending before the Hon'ble High Court
C-8	Maintenance of office equipment.	16.1.20	7.2.2.1.1	1	1. Maintenance of Office equipment. 2. Cost of Office stationeries and other essential items	4	2.000		The equipment like Photocopiers, Fax machines, Cell phones, Computer, Power supply units, batteries, Solar lights, Oil engines etc. are already procured under various plan schemes in earlier years. Maintenance of these equipment is necessarily required to avoid additional expenditure for the procurement of new equipment. Hence, this budget is proposed.
C-9	Special repair and Maintenance work (ex. pipe lines)	16.1.25	8.5.3	17 No	Maintenance and special repair works to the staff Quarters	1.25	21.000		The Staff Quarters constructed in Sathyamangalam Tiger Reserve are very old and need special repairs and improvements. All these buildings improvements are required to facilitate the stay of field personnel in their respective headquarters. Hence these items are proposed.
C-10	Map digitization facility for management planning.	16.2.26	9.4	LS	Digitization of Map, preparation of Beat Maps, Thematic Maps, development of MIS Software	1	1.000		For scientific management of the wildlife habitat modern techniques like GIS and preparation of thematic maps are very much required. The documentation of various activities will help for better planning. At present a Web based MIS is developed to improve management effectiveness. Hence this requirement is essential.
C-11	Maintenance of kuccha roads	16.2.3	10.3.3	30 km	Maintenance of coupe roads for better patrolling	0.057	2.075		Old coupe roads and trekking routes need to be maintained and cleared annually to for better mobility. These coupes roads/routes also act as fire line and for quick access in case of emergencies.
C-12	Maintenance of (patrolling camp, culverts).	16.2.1.2	10.3.4	11	Maintenance and special Repairs to the Patrolling Camps / Anti-Poaching Camps	0.5	5.500		The existing Patrolling Camp/ Anti-poaching sheds constructed under various plan schemes in previous years, have to be improved to meet the present requirements hence these item is proposed. Provision of water facility, kitchen facilities, Solar lighting facilities etc., will be carried out on priority basis under this component.
C-13	Maintenance of fire watch tower.	16.2.9	10.4.9	4	Improvement and repair works to Fire watch towers	0.75	3.000		The fire watch towers and buildings which have been constructed in earlier years have to be maintained for effective protection

C-14	Maintenance of dams.	16.2.12	7.2.1.1.1 2	5 No	Repair works in sidewalls, apron etc.	1	5,000	The rainfall pattern in STR is highly erratic. The rainfall occurs only in few months and the period especially after December till the onset of South-West monsoon is extremely dry period. There are many number of old ponds, check-dams, water holes, etc. in STR and they need to be periodically de-silted and also maintained to keep their water holding capacity during dry periods.
C-15	Maintenance of earthen ponds.	16.2.15	7.2.1.1.1 2	5 No	Desilting of ponds	0.6	3,000	The rainfall pattern in STR is highly erratic. The rainfall occurs only in few months and the period especially after December till the onset of South-West monsoon is extremely dry period. There are many number of old ponds, check-dams, water holes, etc. in STR and they need to be periodically de-silted and also maintained to keep their water holding capacity during dry periods.
C-16	Maintenance of Software.	15.2.23	9.2	11 No	1. Engaging Computer Operator for all Ranges and Tiger Monitoring Cell	1.135	12,480	1. Computer operators have to be engaged on a monthly wage of Rs. 8,500/-. All Ranges and Division office is essentially needed the services of computer operators are highly essential for implementation of 'M-Stripes' Programme, documentation and other important essential works in all Ranges. Wages will be paid as per the Government norms fixed for this.
					2. Engaging Data Entry Operator for Field Director and Deputy Director Office			2. The information on patrolling data, fire occurrences, offences etc., are to properly documented and analyzed for timely decision making. Qualified computer operator with GIS and MIS knowledge, are to be appointed for this purpose hence Rs. 0.12 lakh is proposed per month. This will also be useful for monitoring under M-Stripes programme and for other technical documentation works.
C-17	Monitoring of wild animals.	15.10.3	9.2.2.1	7	Engaging tiger and elephant trackers in all Ranges @ one tracker in each Range	0.067	4,344	It is necessary to engage the tribal watchers for tracking movement of elephants & Tigers to avoid man-animal conflict by driving them away from human settlements. 6 Ranges in core zone are to be provided with tiger / elephant trackers.
C-18	Capacity building and training.	16.0.1	8.4.1	3		0.3	0,900	The Front line staff and APWs are to be given periodical training on various aspects like smart patrolling, intelligence gathering, habitat monitoring etc.. This is proposed to organize training in batches.
C-19	Specialised training in jurisprudence and wildlife forensics.	15.8.1	8.4.1.1	2		0.25	0,500	The Forest Range Officers and other Staff are to be given periodical training on wildlife forensics, wildlife offence detection and successfully conducting trials etc.. This is proposed to organize training in batches.
C-20	Supply of torch	16.16.6	7.2.1.1	30	Powerful, solar charged LED torches	Rs.00 50	1,500	The front line Staff and Antipoaching Camps must be provided with torch lights for patrolling and Anti-depredation activities.
C-21	Weed eradication	16.3.1	7.2.1.1.1 1	100 ha	1. Removal of Prosopis and Lantana	0.159	15,500	The invasion Lantana and Prosopis in the tiger reserve has covered most of the areas and this has degraded the grazing ground for herbivore animals. It is proposed to maintain the habitat with indigenous species by clearing exotic weeds in a phased manner.
					2. 1 Year and 8 Year Maintenance of weed removed areas			Swamps are distributed in certain valleys which appear to show a drying trend. Hence, it is proposed to clear the unwanted jungle growths in and around the swamps and form the water ponds wherever it is necessary
					3. Reclamation of swamps by removing tree growthweeds			

C-22	Water retention structures	16.3.3	7.2.1.1.1 2	10	Desilting and repair works of water retention structures	0.875	8.750		In order to provide water for wild animals during summer for a longer period, it is proposed to maintain larger check dams, water holes to facilitate availability of water for wild animals during pinch period.
C-23	Co-occurrence agenda in buffer and fringe areas (landscape approach, sectoral 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)	16.5	13.3	20	Conducting awareness meetings and camps in schools and forest fringe villages regarding man animal conflict to elicit public co-operation	0.045	0.900		These meetings with various stakeholders and communities to get public support in wildlife conservation efforts.
							191.465		
Part D - Buffer Zone - Recurring									
D-1	Deployment of local work force for patrolling surveillance of water holes, manning barriers.	16.1.12		9 No	Engaging eco-sanitor watchers in temple and other pilgrimage places	0.62	5.585		Eco Sanitary watchers are proposed to be engaged in places where there are large movements of pilgrims and tourists. They will be employed from among Eco Development Committee members and local tribal communities. Their services are to be utilized mainly for the following works. (1) Clearing garbage and polythene materials thrown in area. (2) Checking the pilgrims and monitor their movement.
D-2	Maintenance of (staff quarters, family hostels, office improvement, housekeeping buildings, museum).	15.2.1.4	8.5.3	10 No	Maintenance and special repair works to the staff Quarters.	2	20.000		The Staff Quarters constructed in Sathyamanglam Tiger Reserve are very old and need special repairs and improvements. All these buildings improvements are required to facilitate the stay of field personnel in their respective headquarters. Hence these items are proposed.
Total Recurring (Buffer)							25.585		
Total Non Recurring (Core+Buffer)							273.967		
Total Recurring (Core+Buffer)							217.05		
Grand Total							491.017		

(Rs. In Lakhs)

S. No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	273.967	164.380
2.	Eco development (60%)	---	--
3.	Recurring (50%)	217.05	108.525
4.	Sub Total	491.017	272.905
5.	10% Flexi-fund (x/9)	54.557	30.322
6.	Total (X)	545.574	303.227
7.	Adjustment of balance of previous year 2015-16 including amount to be adjusted due to revised funding pattern	Nil	Nil
8.	Grand Total	545.574	303.227

(Rs. In Lakhs)

Cost of APO including State's share (including Flexi Fund)	A	545.574
Centre's share in APO (without Flexi Fund)	B	272.905
FF on Centre's share	$C=B/9$	30.322
Centre's share including FF	$D=B+C$	303.227
1 st release @ 80% of Centre's share	$E=0.8*D$	242.582
Less: Unspent balance FY 15-16 including amount to be adjusted due to revised funding pattern	F	---
Adjusted 1 st release including FF	$G=E-F$	242.582
2 nd release @ 20% of Centre's share	$I=0.2*D$	60.645
Total release towards APO in FY 16-17	$J=(9/10)*(G+I)$	272.905
Total release towards FF in FY 16-17	$K=(1/10)*(G+I)$	30.322
Grand total release in FY 16-17	$L=G+I$	303.227
Total effective release including USB	$L+F$	303.227
Effective release for APO activities	$J+0.9*F$	272.905
Effective release for FFs	$K+0.1*F$	30.322

* 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.