

**No. 4-1(32)/2016-PT**  
Government of India  
Ministry of Environment, Forest and Climate Change  
Project Tiger Division

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Dated the 27<sup>th</sup> June, 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 Anamalai 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 Anamalai Tiger Reserve, Tamil Nadu at the cost of **Rs. 534.251 Lakhs (Rupees Five hundred Thirty Four Lakhs Twenty Five thousand One hundred only)** as per details given in the annexure. Of the total cost of the scheme, Rs. 387.226 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. 205.218 lakhs (Rupees Two hundred Five Lakhs Twenty One thousand Eight 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(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 **Anamalai 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 **Anamalai 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 **Anamalai Tiger Reserve** may furnish their performance-cum-achievement report alongwith Utilisation Certificate in prescribed format on or before 31.3.2017.
  - (x) **Anamalai 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 **Anamalai 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 **Anamalai 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 (Anamalai 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.
- (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 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. 281/AS & FA dated 21.6.2016.

Yours faithfully,

  
(Sanjay Kumar)

Deputy 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, Anamalai 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.

  
(Sanjay Kumar)

Deputy Inspector General of Forests (PT)

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

(Rs. In Lakhs)

Sl. No.	Item	Para No. of CSS-PT Guidelines	Previous financial year, 2015-16		Current year proposal (2016-17)			GPS Reading		Justification
			Financial		Location	Physical Target	Financial Target	Latitude	Longitude	
			Target	Achievement						
<b>A</b>	<b>NON-RECURRING - CORE ZONE</b>									
<b>I</b>	<b>Strengthening of infrastructure within Tiger Reserves (including New Tiger Reserve)</b>									
1.1	Procurement of field equipment (camera-traps, Video camera, Web Camera and other field equipment)	16.1.2 1	2.000	2.000	Pollachi & Tiruppur Divisions	100 Nos camera traps only)	20.000			These instruments are essentially required for Phase IV monitoring and track wildlife movement and documentation of Anamalai Tiger Reserve. And as per National Tiger Conservation Authority, New Delhi Norms 480 Camera Traps are required in this Tiger Reserve, at present 310 available in working condition and 170 Cameras to be procured. Hence it is proposed for procurement of Camera Traps and other accessories.
1.2	Purchase of Office equipments Laptop, Computer, UPS, Fax Machine, Sanner video Camera, DVD Player AC system, Internet Connection, Camera, Binocular, Zoom lense, including accessories charges etc.,	16.1.2 1	1.000	0.000	Pollachi & Tiruppur Divisions	3 Nos	1.000			The existing accessories are not enough to fulfilled the documentation of various works. Hence, it is proposed to procure UPS - 1 No, Video Camera - 1 No and Micro scope - 1 No
1.3	Procurement of tranquilizing medicines, animal rescue tools, maintenance of rescue vehicle with rescue equipment etc.,	16.1.2 1			Pollachi & Tiruppur Divisions	LS	1.000			During 2014-15 tranquilizing weapon has been procured hence medicines are essentially required for tranquilizing problematic animals. Hence it is proposed.
<b>II</b>	<b>Research and Monitoring</b>									
2	Conducting sensitization camps & training to staff / NGO's etc., for population estimation of tiger, its co-predators & prey	16.2.2 7	1.000	0.000		4 Nos	1.000			The local field staff needs to be trained to get fully equipped with scientific methods, hence it is proposed to conduct at least four camps and training during 2016-17
<b>III</b>	<b>Human Resource Development</b>									
3	Project allowance as per the guidelines of CSS-PT all employees of staff permitted by GOI.	16.15	18.50 0	16.60 7	ATR, Circle	220 Nos.	18.500			As per the National Tiger Conservation Authority, New Delhi guideline. The project allowance is proposed to give employees working in the Tiger Reserve.

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IV. Implementation of MSTRIPES											
4.1	(i) Computer operator salary 3 Nos. @ of Rs.10000/- for month per No. April 2016 - March 2017 Chief Conservator of Forests and Field Director - 1 No. Deputy Directors, Pollachi - 1 No, Deputy Director, Tiruppur - 1 No	16.2.27	3.465	3.465	Pollachi & Tiruppur Divisions	3 Nos. @ of Rs.10000/-	3.600				The MSTRIPES data to be collected and processed every month Hence it is proposed.
4.2	Procurement of Stationery and other equipments for data bank	16.2.27	1.000	0.000	Pollachi & Tiruppur Divisions	LS	1.500				Apart from the routine official correspondence, pre- and post-monsoon 8-day protocols, Phase IV monitoring are carried out and also several training programmes are also being conducted, outcome of which needs to be documented. Hence this provision
V Protection - Anti - Poaching Measures											
5.1	Construction of Anti-Poaching shed cum Watch tower and fixing wireless equipments etc., for Anti-Poaching camps at Trippur Division	16.1.3	8.000	8.000	Trippur Division	2 Nos.	20.000				In recent past there is suspicious movements of Maoist activities adjacent to the ATR. In order to effective monitoring the movement such activities it is decided to establish new design structure of Antipoaching shed in vantage points. The proposed camps noted in the APO are functioning as shifting methods hence it is decided to construct permanent one and proposed.
Trippur											
	1.V.CUT- 10.00 lakhs							10°14'09.0"	76°16'15.1"		
	2.Esalthittu- 10.00 lakhs							10°26'55.23"	77°11'36.3"		
5.2	Construction of Control Room cum Wildlife Data Management Centre at District Forest Officer Officer and Deputy Director Office at Udumalpet					1 No	15.000	10°34'57.17"	77°14'44.22"		The entire plateau of Udumalpet is prone to susceptible illegal movement of Sandalwood, Ganja and other wildlife trads towards Kerala and Kodaikanal area. Hence it is mantatory to monitor the such activities by creating and collecting datas hence it is proposed to construct Control Room.
5.3	Construction of Fire Disaster Management Centre at Chinnar					1 No	10.000	10°21'17.09"	77°13'9.55"		Anamalai is having diverse forest types ranging from scrub jungle to semi ever green forest. The leaf litter from deciduous trees add to dry biomass on the ground. Apart of luxuriant growth of obnoxious weed like (Lantana camera), other weed creates more biomass. Once a fire starts it becomes difficult to control within a short span. Past experience reveals that due to lack of coordination, availability of man power power, communication system and quick response large areas get affected due to fire. Taking all this factors into account Forest Fire Disaster Management Centre is need to be established in vantage point and proposed.
Pollachi Division											
Total Non-Recurring Core Zone			34.965	30.072			91.600				
Non-Recurring (Buffer Zone)											
I	Strengthening of infrastructure within Tiger Reserves (including New Tiger Reserve)										

1.1	Procurement of Wireless equipments including purchase of batteries and accessories.	16.1.7	1.000	0.000	Kodai kanal and Dindigul Divisions	3 Units	1.000			For effective protection, it is essential to link the entire Tiger Reserve areas with the wireless network. The wireless communication system is the lifeline of the anti poaching operations and it needs to be appropriately maintained. A good network of wireless has been provided with various field functionaries and also with anti poaching camps in Buffer zone of Anamalai Tiger Reserve.
1.2	Procurement of office equipments Laptop, Computer, UPS, FAX etc.,	16.2.28	1.000	0.000		2 Nos.	1.000			It is essential for data collected work and preparing reports, Hence, it is proposed to procure two Laptop during 2015-16
<b>Total Non-Recurring Buffer Zone</b>			<b>2.000</b>	<b>0.000</b>			<b>2.000</b>			
<b>G.Total Non-Recurring Core and B. Z)</b>			<b>36.965</b>	<b>30.072</b>			<b>93.600</b>			
<b>RECURRING - Core Zone</b>										
<b>I Protection - Anti - Poaching Measures</b>										
1.1	Logistic support to prosecute offenders	16.1.8	0.500	0.000	ATR, Circle	LS	0.500			While dealing the wildlife offences it is necessary to meet out the logistic support to prosecute offenders.
1.2	Providing camouflage dress and gears, Kit, Ruck sack, torch, Chargers, medical aid kit, Shoes, etc., existing Anti-poaching camp and new APCs for 145 Nos.	16.2.12	7.250	0.000	ATR, Circle	141Nos @ Rs.5000/- Per APW	7.050			It is proposed to supply Field kits and Field dress for the Anti-Poaching Watcher as a measure of equipping them during their field perambulation. Hence it is proposed to providing Camouflage dress and others as furnished in the Annexure - II.
1.3	Secret service fund (information, Intelligence, reward & awards)	16.1.8	0.350	0.000	ATR, Circle	LS	0.250			Effective detection of offences and intelligence gathering, it is essential to provide rewards & awards. Hence it is provided.
1.4	Establishment of highway patrolling squads	16.1.9	4.000	4.000	ATR, Circle	4 Squads	11.000			High-way patrolling, is taken up in Pollachi, Manambolli and Valparai Ranges. These patrolling parties are regularly monitoring the National and State High way. For the maintenance of vehicles, excess fuel requirement and for engaging driver provision is made in this component.
<b>Pollachi Range</b>										
1. Mahendra Tahr										
2. Spacio										
<b>Valparai Range</b>										
1. Mahendra Tahr										
<b>Udumalpet Range</b>										
1. Bolero										
Cost of the fuel 150 Ltrs Per Vehicle @ Rs.58/- Per Month 4 Vehicles						7200 Ltrs				
Salary for Driver 4 Nos @ Rs.340 Per Day							Rs.340/- for 4 Nos			
Maintenance of Vehicle, Tyre re trading, Insurance, etc							Rs. 0.5/- for 4 Nos			
1.5	Improvement of existing watch towers @ Rs.0.50 Per Watch Tower	16.2.9			ATR, Circle	10 Nos.	5.000			The watch towers are generally constructed in a location from where good view of a larger area is possible. During the fire season firewatchers and staff are stationed in these watch towers. If at all any fire is noticed they pass the message through wireless to the base stations from where staff and fire brigades of local labor force will move to the affected area immediately. Necessary improvement and maintenance work to all watch towers is to be ensured before the fire season to support the watchers in carrying out the fire protection activities. Hence necessary budget provisions is proposed
<b>Pollachi Range</b>										
1. Aliyar										
2. Ayerangal beat										
<b>Udumalpet Range</b>										
1. Ambuliparai										
2. Kalliparai										
3. Karian Sholai										
<b>Valparai Range</b>										
1. Kavarkal										
<b>Udumalpet Range</b>										
1. Kombu West (S. Bend)										
2. Punganodai										

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	3.Thuvanam							10°37'2 5.1"	77°26'18.3"	
	4.Chinnakkal							10°31'0 2.3"	77°24'03.3"	
1.6	Engaging Tiger / Elephant / Nilgiri Tahr / LTM trackers - Pollachi, Valparai, Manambolly and Ulandy Ranges @ Rs. 316.25/ per day	16.10. 3	13.21 9	13.21 9	ATR, Circle	15 Nos @ Rs.316. 25x 25 Days / Month x 12 Months	14.231			It is necessary to engage the tribal watchers for tracking the Tiger / Elephant / Nilgiri Tahr / LTM movement to avoid man-animal conflict by driving them away from human habitation areas and road sides. These persons have been engaged for the past several years due to which the incidence of poaching and mitigation of Human - Animal Conflict has been completely avoided in the Tiger Reserve. Hence, the entire provision proposed is required for payment of wages to the persons engaged. Hence this amount is proposed.
	Pollachi - 3 Nos									
	Ulandy Range - 2 Nos									
	Valparai Range - 3 Nos									
	Manambolly - 3 Nos									
	Udumalpet - 2 Nos									
	Amaravathy - 2 Nos									
1.7	Improvement of Existing Anti-poaching Shed	16.1.4			ATR, Circle	15 Nos	7.500			The Anti Poaching Camps were constructed in vantage points and inaccessible area and the number of Anti Poaching Watchers are halting in rotation basis. Hence the basic infrastructures and other basic facilities has to be improved in order to quality of life to Anti Poaching Watchers and Field Staff. Hence it is proposed.
	<b>Pollachi division - Pollachi Range</b>									
	1. Iyyerpathi							10.4764	76.86245	
	<b>Ulandy Range</b>									
	2. Kathavusathi							10.4487	76.88328	
	3. Anaikunthysholai							10.42	76.83411	
	<b>Valparai Range</b>									
	4. Surgesoft							10.2624	77.0164	
	<b>Manambolly Range</b>									
	5. Sheikalmudi							10.3357	76.84377	
	6. Manthirimattam							10.3736	76.86138	
	<b>Tiruppur Division - Udumalpet Range</b>									
	7. Kulipatty							10.4365	77.10087	
	8. Attumalai							10.3893	77.17361	
	9. Melakaimadai							10.4681	77.07044	
	10. Mavadappu							10.3228	77.07147	
	<b>Amaravathy Range</b>									
	11. Thalini							10.3149	77.25053	
	12. Manjampatti							10.268	77.27899	
	13. Varavandi							10.3942	77.31716	
	14. Moongilpallam							10.4771	77.88015	
	15. Navalodai							10.4225	77.30021	
1.8	Establishing and maintenance of patrolling camps, deployment of camp labourers and cost of fuel etc., (1300 MD x Rs. 316.25/- = 4.16Lakhs) Fuel (350 x 58 = Rs.20300 and Rs.1750 for Oil and Lubricants)	16.2.1 2	4.030	4.030	Pollachi & Tiruppur Divisions	1300 Man Days	4.500			To prevent poaching incidents in the Tiger Reserve, effective protection measures are taken up to protect the Tiger and its co-predators and other wild animals in the Tiger Reserve. Anti-poaching squads assist the regular field staff in the perambulation of vulnerable area to monitor the movement of anti-social elements and also to monitor the status and abundance of wild animals. Floating camps have been introduced to supplement the activities of anti- poaching squads, based on information and surveillance. Hence it is proposed to supply labour to assist the patrolling camps in vulnerable and inaccessible areas. During the operation the fuel for the vehicle also be charged for 350 Ltrs.



1.9	Engaging wireless operators for managing wireless stations -9 Nos. at Rs.8000/-Per month. <u>Pollachi Division</u>	16.1.8			ATR, Circle	9Nos @ Rs.316.25/- x 25 Days / Month x 12 Months	8,540				There is an organized wireless net work functioning ATR with base stations and satellite stations in Field Director, Deputy Director, Range offices and Check posts. To ensure efficient functioning of the wireless stations it is proposed to employ wireless operators on daily wages basis. Hence it is proposed.
	1) Crime Control Centre - 1 No										
	2) Valparai No - 1										
	3) Manambolly - 1 No										
	4) Ulandy No - 1										
	5) Pollachi - 1 No										
	<u>Tiruppur Division</u>										
	6) Deputy Director Office - 1 No										
	7) Disaster Management Centre - 1 No										
	8) Udumalpet Range - 1No										
	9) Amaravathy Range - 1 No										
1.10	Engaging Anti -poaching Watchers in Vulnerable areas. Salary for Existing APW's 34 Nos @ Rs.6750/-	16.1.2	27.540	22.680	ATR, Circle	34 Nos @ Rs.6750 /- x 12 Months	27,540				Anti Poaching Camps have been established in vulnerable areas of the Tiger Reserve and 34 tribal youths have been engaged as Anti Poaching watchers to man these camps. Since the Tiger Reserve has border with Kerala Forest Divisions and Wildlife sanctuary, there is always possibility of movement of poachers from one area to another. Young and able local tribals have been employed as Anti poaching watchers in these camps. These tribals have a good knowledge of the interior forest areas and about the movement of animals and their behaviour. They are also useful in gathering intelligence since they often interact with other tribals living within the Tiger Reserve area. Hence it is proposed to continue the existing 34 Anti Poaching Watchers in the protected area during 2016-17 as detailed in the Annexure - III
II	Strengthening of infrastructure within Tiger Reserves (Including new Tiger Reserve)										
2.1.	Improvement and Maintenance of roads / bridges / culverts etc., <u>Pollachi Division</u>	16.2.3	2,000	0,000							It is essential to improve the roads for effective protection.
	Konalar approach road - 5 Km				Pollachi Division	5 Km	5,000	10.1954	77.0109		
	Ambullillam Circular Road - 5 Kms					5 Km	5,000	10.4712	76.84378		
	<u>Tiruppur Division</u>										
	Thalinji road - 8 Kms				Tiruppur Division	26 km	13,000	10°18'53.7"	77°15'01.9"		77°13'09.9"
	Mavadappu - Kurumalai -15 kms							10°26'22.08"	77°03'03.36"		77°07'52.9"
	Sarakkupatty -3 kms							10°25'54.76"			
								10°21'34.2"	77°13'17.2"		77°14'14.6"
								10°21'09.1"			
2.2	Improvement of / upgradation / maintenance of existing buildings.	16.2.1.3									
a	For maintenance of Field Director's building, Staff quarters at Zaminutthukkuli				Pollachi Division	1 No	1,000	10.6504	76.98422		The Residential buildings noted in the APO are severely damaged due to seepage and arrest the

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					n								leakages on the roof, re-electrification, maintenance of plumbing and special repairs to septic tanks. Hence it is proposed to maintain these buildings for occupations of staffs working in the Tiger Reserve.
b	Check Post Foresters Quarters at Sethumadai	1.000	0.000			1 No	1.000	10.3025	76.523854				
c	Combined Forester Qrs at Topslip					1 No	1.000	10.4554	76.83037				
d	Combined Assistant Quarters at Zamin Uthukuli	1.000	0.000			1 No	1.000	10.6504	76.98422				
e	Maintenance of Range Office Building for Manambolly Range	1.000	0.000			1 No	1.000	10.1714	77.00223				
f	Maintenance of Range Office Building for Pollachi Range					1 No	1.500	10.390 5.9"	76.59'46.01"				
g	Maintenance of Range Office and Clerk quarters Building for Valparai Range					1 No	1.000	10.251 9.0"	76.59'37.3"				
h	Maintenance of Attakatty Beat FG & FW Quarters at Attakatty	1.000	0.000			1 No	1.000	10.264	76.590343				
i	Maintenance of FG and FW Combined Quarters at Kanjamalai					1 No	0.500	10.18'2 4.5"	76.58'28.3"				
j	Maintenance of Field Director Office Building and Deputy Director Office Building.					1 No	1.000	10.39'0 5.9"	76.59'46.01"				
k	Mankarai Beat FG & FW Quarters at Aliyar	1.000	0.000										
l	Maintenance of Chinnar Checkpost Building				Trippur Division	1 No	0.500	10*21'1 7.33"	77*13'10.00"				
m	Amaravathi FRO Quarters					1 No	1.000	10*25'5 8.6"	77*15'43.2"				
n	Improvement and Maintenance of Amaravathi Range Office					1 No	1.000	10*26'0. 73"	77*15'43.66"				
o	Improvement of Kallapuram GF&FW Quarters					1 No	1.000	10*26'1. 92"	77*15'43.67"				
<b>2.3</b>	<b>Fire Control Measures</b>												
(a)	Annual maintenance of fire lines including the block lines 750 kms. @ Rs9488 / km. (30 Mandays / Km @Rs.316.25/- Per Manday) of 6 meter width. (Each 100 kms) 1) Pollachi 2) Valparai 3) Ulandy, 4)Manambolly, 5)Udumelpet 6) Amaravathy <u>Valparai Range</u>	16.2.1 4	22.00 0	16.91 6	ATR, Circle	300 Kms @ Rs.9488	28.460						Anamalai Tiger Reserve having a large dry deciduous tract which faces annual fires. Precautionary measures such as cutting fire lines and fire line tracing work is helpful in preventing fire. Hence it is proposed.
	Kadapara road to 8th HPB waterfalls							10.4347 0	76.99321				
	Keelpunachi settlement to 22nd HPB							10.4327	76.99398				
	Kadampara dam to Deviaru							10.3902	77.04977				
	Kadampara Arch to 17th HPB							10.4355 0	76.99051				
	Punachi Kovil to Kundrapettai							10.3918	76.99380				
	Vellimudi to Deviaru							10.2393	77.25856				
	Mango shola							10.190 6.3"	77.03'55.1"				
	SF 42 to Siluvaimedu							10.21'3 9.0"	76.57'25.5"				
	Konalar Iron gate shola							10.19'1 8.6"	77.03.52.3"				
	Murugan kovil to Nallar							10.4231 0	77.06266				
	Indian Shola							10.19'1 8.2"	77.04'05.2"				
	Kadampara Arch to Upper Aliyar							10.4355 0	76.99051				
	36 HPB to Kadampara Dam							10.3699	76.99353				
	Surgeshaft to Nallar							10.4414	77.01629				
	Akkamalai gate to Konalar							10.19'5 4.2"	77.01'09.9"				



Waterfalls to Attakatty					10.252 8.5'	76.59'22.2"	
Nedungundu to Villonie estate RF Boundary					10.220 5.3'	76.38'13.2"	
Waterfalls to Attakatty (Pipe Line)					10.252 8.5'	76.59'22.2"	
State Boundary					10.2793 01 10.3090 20		77.046303 77.094617
<b>Ulandy Range</b>							
Topslip - Ulandy Valley Road					N 10.4553 5 E 076.830 37	N 10.38868	E 076.87393
Varagaliar - Chinnar					N 10.4178 2 E 076.865 67	N 10.40704	E 076.85046
Kariansolai - Pandaravarai					N 10.4703 0 E 076.840 76	N 10.49911	E 076.83110
Ambulli illam - Murungamarathu parai					N 10.4592 4 E 076.851 32	N 10.45340	E 076.86911
Parai - Elaikaiparai					N 10.4171 0 E 076.880 03	N 10.43595	E 076.86108
Meen mettupallam - Karumparai kuzhi					N 10.4236 0 E 076.846 39	N 10.42684	E 076.84446
State Boundary					10.4947 09 10.3877 18		76.833289 76.830552
<b>Manamboly Range</b>							
Manthirimattam Anti Poaching Camp - Pathadipalam					10.3535	76.67608	
Highforest Estate Boundary - 8 No. kudi Kerala Settlement					10.2459	76.691859	
Sheikalmudi Anti Poaching Camp - Puthukkadu					10.3311	76.83752	
Urulikai Check Post - Manamboly Power House					10.3477	76.92138	
I.Anali beat:Thankavel Aaru to aduppukkutimalai-6kms					10.2431	76.5604	
II.Aduppukkutimalai to varayattumalai-10 kms					10.2526	76.56558	
i.Chinnakallar Beat:Highforest to Chinnakallar-15kms					10.161	77.01469	
ii.Thullukkan sudukadu toShankarankudi Valli-2kms					10.145	76.55489	
I Manamboly beat:Powerhouse to manthirimattam-8kms					10.2231	76.51375	
ii.Pallakkadavu privu to Pathadippallam-3kms					10.232	76.52254	
i.Sheikalmudi beat:Sheikalmudi APW-camp toC.D.R.-10kms.					10.1829	76.52256	
ii.Pallakannar settlement to Parakkai-6kms					10.2151	76.51015	
iii.Shekkalmudi estate to manamboly power house-10kms					10.2132	76.5246	
i.Periyakallar beat:Kanapathiyaru to 100-Adikudi-7kms					10.1436	77.00516	
ii.Thesinkudi to thandotal pallam-5kms					10.1423	76.5735	

iii.5-th top top Sampamalai adivaram-4kms					10.1632	77.0227	
i.Urulikkal beatUrulikkal check post to manambolly power house-10kms					10.365	76.86223	
ii.Urulikkal estate boundary to Yannaipallam-2kms					10.3502	76.88975	
iii.Manambolly coffe estate to Parayankadavuaaru-2kms					10.3626	76.896	
RF Boundary to High Forest, Thai Mudi Estate, Sheikalmudi and Manambolly estate - 33 Kms					10.3270 89 10.4092 4		76.83908 76.94024
<b>Pollachi Range</b>							
1. Ayerangal Beat					10.4783	76.8624	
2. Pothamadai Beat					10.5225	76.8513	
3. Pachathanee Beat					10.4699	76.9249	
4. Aliyar Beat					10.4734	77.0061	
4. Mankarai Beat					10.4699	76.9249	
6. Villonie Beat					10.4522	77.0005	
RF boundary Semmanampathy to Nallar Colony					10.5526 99 10.4604 83		76.838678 77.068067
<b>Udumalpet Range</b>							
Anamalai RF 25 kms					10°23'3 1.4"	77°13'58.7"	
					10°23'0 7.8"	77°19'00.5"	
Podumalai to Nallar 30 kms					10°23'3 1.4"	77°13'58.7"	
					10°23'0 7.8"	77°19'00.5"	
Podumalai to Chinnar 20 kms					10°18'2 2.9"	77°05'47.5"	
					10°21'0 5.8"	77°13'13.9"	
Esalthittu to Thirumurthimalai 15 kms					10°26'5 5.2"	77°11'38.3"	
					10°27'2 4.4"	77°09'40.1"	
9/6 Check Post of Kongurarkuttai 10 Kms					10°26'5 0.7"	77°17'27.9"	
					10°27'3 6.0"	77°11'55.0"	
<b>Amaravathi Range</b>							
Chinnar to Kadavarai 22 kms					10°21'0 5.8"	77°13'13.9"	
					10°13'3 7.9"	77°15'42.2"	
Anamalai RF 17 kms					10°23'3 1.4"	77°13'58.7"	
					10°23'0 7.8"	77°19'00.5"	
Manjampatti RF 33 kms					10°19'1 0.6"	77°19'37.3"	
					10°16'0 7.7"	77°19'34.3"	
Kadavarai to Range border 28 kms					10°13'3 7.9"	77°15'42.2"	
					10°19'1 0.6"	77°19'37.3"	

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					Tiruppur Division		10.1632 0 10.3398 9 10.3549 5 10.3501 9 10.3649 6 10.3625 5 10.3704 5 10.4236 0 10.4268 4 10.4363 3 10.4549 1 10.4665 4 10.5022 5 10.4702 8 10.4874 6 10.4674 0 10.4495 1 10.4707 4 10.4614 3 10.4033 7 10.3978 6		076.90461 076.88975 076.89600 076.8445 076.83797 076.83030 076.84013 076.83448 076.84189 076.84357 076.83991 076.83761 076.85592 076.89029 076.84898 076.87860	077.0227.0 076.88223 076.89359 076.90010 076.84639 076.8445 076.83797 076.83030 076.84013 076.83448 076.84189 076.84357 076.83991 076.83761 076.85592 076.89029
(b)	Engaging Fire Protection watchers @ Rs.316.25 / days / 25 Days per month during December 2016 to March 2017(1) Pollachi Division - 5000 Mandays (2) Tiruppur Division - 2500 Mandays	16.2.1 4	14.69 0	14.69 0	Pollachi Division	7500 Mandays	23.720			Local tribals are proposed to be employed as fire watcher during fire season from December to March. The local tribals have a fairly good knowledge of the area and will be helpful in the fire fighting and preventive operation. This will also provide short term employment opportunity for the tribals.
(c)	Addition Fuel, maintenance of vehicles used for anti-poaching activities, fire protection, Highway patrolling interstate meetings etc., Field Director - 1 No.	16.2.1 4	5.000	5.000	ATR, Circle	15 Vehicle s/ 50 Lr /PM	5.900			The existing ceiling available to the department vehicles are inadequate to perambulate the entire 958 sq.km. of Core, especially inaccessible and vulnerable area. Hence, additional fuel for department vehicles is necessary for anti poaching activities, fire protection, highway patrolling interstate joint patrolling and for other unforeseen works. Hence it is proposed.
	DFO & DD, Pollachi Division - 1 No.									
	Pollachi Range - 2 Nos.									
	Ulandy Range - 2 Nos.									
	Valparai Range - 2 Nos.									
	Manambolly Range - 2 Nos.									
	DFO & DD, Tiruppur Division - 1 No.									
	Udumalpet Range - 2									

Nos.										
Amaravathy Range - 2 Nos.										
2.4	Maintenance of publicity & awareness boards for Eco-tourism area	16.17.3	1.500	0.000	Pollachi & Tiruppur Divisions	LS	1.000			It is proposed to maintain the existing publicity boards in the Tiger Reserve by repairing and repainting.
2.5	Maintenance of office equipments like Xerox machine, FAX machine, cell phones, Computers, power supply units, batteries, solar lights, oil engine and generators and Stationary etc.,	16.2.21	1.500	0.000	ATR, Circle	LS	1.500			Maintenance of the equipments already procured like Xerox machine, FAX machines, Cell phones, Computers, Power supply units, batteries, Solar lights, Generator 60 KV, etc., to avoid additional expenditure for the procurement of new ones. Hence, this provision is proposed.
2.6	Engaging Data Entry Operators / Qualified computer personnel for MIS and GIS applications. @ Rs. 12000/- No. 1) Tiruppur Division - 1	16.2.27	1.440	1.440	ATR, Circle	1 No. @ Rs. 12000 /- per Month	1.440			The information on patrolling data, fire occurrences, offences, beat boundaries, fire line details, Exotic weeds etc., need to be documented and analysed for timely decision. Hence it is proposed for sanction.
2.7	Engaging 6 Nos. of computer operator Pollachi Range - 1 No, Valparai Range - 1 No, Manambally Range - 1 No, Ulandy Range - 1 No, Amaravathy - 1 No, Udumalpet Range - 1 No. 25 days for month @ Rs.400 /- per day	16.2.27	6.930	6.930	ATR, Circle	6 Nos @ Rs.400/- x 25 Days / Month x 12 Months	7.200			As mentioned in said para that the office of the Tiger Reserve is functioning with inadequate number of Typist and Steno typist, it is very difficult to attend the office work for day to day administration. Hence Computer operators for all offices are proposed.
2.8	Cell phone bill payment of Field Director, Deputy Director, Rangers, Foresters and Crisis Management Cell and land line Phone charge for crime control board at camp office	16.7.1	0.500	0.500	ATR, Circle	LS	1.000			To promote the Network communication through the Cell Phones / Telephones for the effective Protection is absolutely necessary so that for the better maintenance of the communication links this amount is proposed.
2.9	Cost of office stationaries and other essential office items etc., PCCF and CWLW office, FD, Office and 2 Deputy Director office )	16.2.21	2.000	0.000	ATR, Circle	LS	2.000			The stationary is essential needed for collection of data preparation of documents etc., and it is proposed.
2.10	Preparedness for meeting challenges of bamboo flowering and improving Management of Bamboo Forests.									
a	Fire Watchers @ Rs.316.25 / Mandays for 6 month from December to May - 6700 Mandays.	16.2.14	14.690	9.790	ATR, Circle	Rs.316.25 x 3350 MD	10.595			Anamalai Tiger Reserve having a large dry deciduous tract faces annual fires. Precautionary measures such as engaging fire watchers cutting fire lines, fire line tracing work is very much needed, which will help in preventing major fire in Bamboo area and various pocket Sholas. Hence proposed.
	Pollachi Range - 1300 Mandays									
	Ulandy Range - 1700 Mandays									
	Valparai Range - 1300 Mandays									
	Udumalpet Range - 1200 Mandays									
	Amaravathy Range -1200 Mandays									
b	Fire line clearing at 6mtr width @ Rs.9488per km	16.2.14	17.630	17.630		Rs.9488 x 230 Kms	21.820			
	Pollachi Range - 40 Kms				Pollachi					
	Pachathane Beat and Ayerangal beat							10.4699 10.4783		76.9249 76.8624
	Ulandy Range - 40 Kms				Ulandy					
	Ambullil ilam to Murungamarathu Parai Starting Point							10.45924 10.45340		076. 85132 076. 86911
	Valparai Range - 40				Valpar					



Kms				ai								
Kadamparai, Attakatty, Iyerpadi and Mavadappu								10.23023		76.56'47.4		
								10.12319		76.57'18.1		
<b>Manambolly Range - 10 Kms</b>				<b>Manambolly</b>								
Shekkalmudi to Manambolly Rest House								10.3556	76.87637			
<b>Tiruppur Division -100 Km</b>				<b>Tiruppur Division</b>								
Velanthurai to Meenpannai -10 km								10.4165	77.28366			
								10.4165	77.26823			
Ellakunduparai to Navalodai - 12 Km								10.3736	77.31523			
								10.4218	77.3243			
Thenaru to Varavandi Odai - 10 Km								10.272	77.28648			
								10.348	77.25844			
Manjampatti to Manalaru - 12 km								10.2701	77.28626			
								10.2464	77.25984			
Thalinjivayal - RF Boundary line - 16 km								10.3483	77.25641			
								10.3114	77.25207			
Attumalai to Reapeter - 2 Km								10.2229	77.10517			
								10.2339	77.11021			
9/6 Check Post to Chinnar - 15 Km								10.2659	77.14268			
								10.2114	77.13101			
Kamanuthu Road -5 km								10.2335	77.13514			
								10.2417	77.14134			
Kulipatti to Mavadappu -10km								10.2618	77.03094			
								10.2611	77.06032			
Kulipatty to Kunumalai -8 km								10.2611	77.06032			
								10.2543	77.07154			
Kodanthur to Attumalai -7 Km								10.2137	77.13095			
								10.2229	77.10517			
2.1	Maintenance Fire Disaster Management Centres in Vantage Points at Attakatty	16.2.1	4							It is provided for maintenance of Fire Disaster Management Centre. Which will help in coordinating the protection of forest fire effectively.		
1	VALPARAI RANGE - Vantage Points at Attakatty	0.500	0.000	Valparai	1 unit	0.500	10.4345	77.037				
	ULANDY RANGE - Topslip	0.500	0.000	Ulandy	1 unit	0.500	10.2812	76.5044				
III.	<b>Habitat improvement and water development</b>											
3.1	Water management for wildlife by desilting and maintenance of existing water hole / check dams	16.3.3	4.000	4.000	12 Nos @ Rs.0.5	6.000			The imperative of effective water management for wildlife in Anamalai Tiger Reserve can hardly be overemphasized. The rainfall occurs only in few months and the period especially after December till the onset of south-west monsoon is extremely dry period of the area. It is essential to provide water for wild animals during summer for a longer period. These water holes need to be periodically desilted and also maintained to keep their water holding capacity intact to serve the purpose for which they were constructed.			
	<b>Pollachi Range</b>											
	1. Ayerangal Beat							10.2812	76.5044			
	2. Pothamadai Beat							10.4487	76.8832			
	<b>Ulandy Range</b>											
	3 Topslip					Ulandy			10.4227	77.05726		
	4. Erumapparai I							10.4171	76.88003			
	<b>Valparai Range</b>											
	5. Attakatty beat					Valparai			10.4345	77.037		
	6. Upper Aliyar Beat							10.43550	76.99051			
	<b>Manambolly Range</b>					<b>Manambolly</b>						
	7. Sankarankudi							10.1518	76.565			
	8. Anaipallam							10.2139	76.53193			
	<b>Udumalpet Range</b>											
	9. Chetimudukku					Udumalpet			10°25'09.0"	77°14'19.9"		
	10. Elumalaiyan Kovil							10°26'27.01"	77°14'15.59"			
	<b>Amaravathy Range</b>											
	11. Navalodai					Amaravathy			10°25'07.6"	77°18'40.0"		

	12. 9 Koopu							10°25' 20.8"	77°18' 13.8"	
3.1 (a)	Drinking water supply to wildlife through motors energized by Solar Powers in Anamalai Tiger Reserve, Pollachi	4.3				2 Nos @ Rs.6.00/	12.000			The Perennial water sources in Anamalai Tiger Reserve are generally located in the valley and hence the plateaus suffer from acute scarcity for water during summer. Due to the scarcity of water, wild animal in comparatively dry region start heading for villages looking for alternate water sources leading to Human-Animal Conflict. Supply of water to the saucer pits and tanks located in wildlife rich area remains a challenge to the Forest Department. During the summer months and tackling of Forest Fire remaining an another major challenge to address the challenges of water scarcity. . 'During the year 2013-14 - 4 Nos and 2015-16 1 No of Water Augmenting to Wildlife through motors energized by Solar Powers implemented in Anamalai Tiger Reserve. It has been successfully running to serve the purpose. So, more drinking water supply to Wildlife by energized Solar Powers have been proposed. This will be very helpful to the Wildlife. Hence the budget is proposed
	<b>Pollachi Range</b>									
	1. Ayirangal beat, Thayamapaalam							10°30'06.7"		076°51'07.4"
	2. Arthanripalayam beat, Arthanripalayam camp							10°30'60.2"		077°00'51.0"
3.2	Opening up habitat by removal of exotic weed for improving regeneration of native species and grass growth at Rs.25300 per Ha. (316.25 x 80 MD) (Pollachi Division 235 Ha, Tiruppur Division - 60 Ha)	16.3.1	10.00 0	10.00 0	Pollachi	80 Ha @ Rs.25300 / HA	20.000			The invasion of Lantana Eupatorium and Parthenium in the Tiger Reserve has covered most of the forage area and this has degraded the grazing ground for herbivores. It is proposed to maintain the habitat with regeneration of indigenous species by cleaning exotic weeds in Anamalais in a phased manner. This will also create better conditions for the prey base that can support good carnivore population in future. It is one of the most important component to enhance tiger population. This provision was made in the last two years budgets during 2013-14 and 2014-15 and only 43 ha has been sanctioned during last year but this component was not sanctioned, But in this year this should be highly essential for the better maintenance of habitat. The approved TCP also mentioned in this activities. Hence this is proposed as first year.
	<b>Pollachi Range - 70 Ha.</b>									
	1. Polhamadai Beat - 35 Ha							10.5225	76.8513	
	2. Ayerangal Beat - 15 Ha							10.4783	76.8624	
	4. Mankarai Beat - 10 Ha							10.4699	76.9249	
	5. Aliyar Beat - 5 Ha							10.4734	77.0061	
	6. Villonie Beat - 5 Ha							10.4522	77.0005	
	<b>Ulandy Range - 70 Ha.</b>									
	7. Topslip Beat - 40 Ha							10.2812	76.5044	
	8. Chinnar Beat - 30 Ha							10.4467	76.8832	
	<b>Valparai Range - 50 Ha.</b>									
	9. Iyer Padi Beat - 30 Ha							10.3808	77.0485	
	10. Kavarkal Beat - 20 Ha							10.3766	76.9809	
	<b>Manambolli Range - 50 Ha</b>									
	11. Manambolli Beat - 20 Ha							10.3735	76.8613	
	12. Periya Kallar Beat - 30 Ha							10.2876	77.0039	
	<b>Udumalpet Range -30 Ha</b>				Udumalpet					
	13. Kombu West Beat -15 Ha							10°21'20.6 9"	77°11'54 87"	
	14. Esalthittu East - 15 Ha							10°24'38.7 8"	77°13'42 03"	
	<b>Amaravathy Range -</b>				Amaravathy					



	<b>30Ha</b>											
	15. Manjampatti North-10 Ha							10°16'16.3"	77°16'25.5"			
	16. Thalini West -10 Ha							10°26'57.1"	77°31'61.1"			
	17. Moongilpallam -10 Ha							10°16'74.74"	77°15'37.7"			
3.2 a	Further maintenance of 2015 -16 areas in light jungle growth 80 MD @ Rs.316.25/- Per / Ha = 25300 limited to 1/2 = 12650 / Per Ha.					43 Ha @ Rs.12650/ HA	5.440					Last year heavy jungle growth weeds removed for better habitat management. This area need to be maintained to curtail the further growth of weeds and allow natural regeneration for the benefit of prey base population. Hence this provision is proposed for this year.
	<b>Pollachi Range</b>				Pollachi	10 Ha						
	1. Villonie Beat - 4 Ha							10.4522	77.0005			
	2.Mangarai beat - 6 Ha							10.2855	76.543738			
	<b>Ulandy Range</b>				Ulandy	15 Ha						
	3. Topslip Beat, Paruthikadu - 10 Ha							10.27.27.20	76.50.42.14			
	4. Kannadi bunglow Saragam Bit - II - 5 Ha							10.27.26.10	76.50.35.70			
	<b>Valparai Range</b>				Valparai	12 Ha						
	5.Nedunkundru Bit - 2 - 5 Ha							10.23.06.00	76.56.44.60	76.56.42.30		
	6. Upper Aliyar - 7 Ha							10.25.58.20	77.00.47.66	77.00.56.85		
								10.26.00.65				
	<b>Manambolly Range</b>				Manambolly							
	7. Thekkamparai - 6 Ha					6 Ha		10.1703	77.0034.03			
3.3	Engaging Eco sanitary watchers 19 Nos. @ Rs. 316.25/ day for 25 days / month for 12 months. <u>Pollachi Range</u> Aliyar - 1 No. Monkey falls - 1 No. Thaneepallam - 1 No. Sethumadai - 1 No. 9th Hairpin Bend - 1 No. <u>Valparai Range</u> Attakatti - Kadamparai area - 1 No. Attakatti - Antiparai - 1 No. Anti parai Sholai to 40 hairpin Bend - 1 No. Kulankal river area - 1 No. <u>Manambolly Range</u> Chinnakallar Falls area - 1 No. Nallamudi View Paint - 1 No. Urulikkal to Manambolly - 1 No. <u>Ulandy Range</u> Topslip check Post area - 1 No. Kozhikamuthi Elephant Camp area - 1 No. Topslip Road - 1 No. <b>Tiruppur Division</b> Amaravathy Range - 2 Nos. Udumalpet Range - 2 Nos.	16.17.1	16.740	16.740	Pollachi & Tiruppur Divisions	19 Nos @ Rs.316.25 x 25 Days / Month x 12 Months	18.030					Eco Sanitary workers are being engaged in Tourism areas of the Tiger Reserve as per the Tourism guidelines notified by the Government of India. Eco Sanitary watchers are proposed to be engaged in tourism zone and road side. They will be employed through Eco development Committees. Their services will be utilized for the following works. 1) Clearing the garbage and polythene materials thrown in the area. 2) Acting as a tourist guide 3) Checking tickets of tourist and Vehicle. Apart of this, they will help in playing a key role in low impact tourism as per Hon'ble Supreme Court of India guidelines.

3.4	Reclamation of swamps by removing tree growth/weeds etc @ Rs.0.18 lakhs / Ha	16.3.3	4.500	4.500	Pollachi Division	25 Ha @ Rs.0.18/ - Per Ha	4.500			Swamps are important part of Anamalai Tiger Reserve landscape for all the adquate wildlife so it should be improve and needs constant improvement, hence the amount is proposed.
	Pollachi Range (Navamalai) - 5 Ha.							10.4522	77.0005	
	Ulandy Range (Varagallar) - 10 Ha.							10.4013	76.8804	
	Manambolly Range (Analy) - 5 Ha.							10.341	76.9036	
	Valparai Range (Grass Hills) - 5 Ha.							10.19'18.6"	77.03.52.3"	
3.5	Supply of water to the wild animals during pinch period 5 Units @Rs.3000/per unit/for 4 months	16.3.3			Trippur Division	5 Untis	0.600	10°24' 24.8" 10°25'20.1" 10°25'05.1" 10°25'04.1" 10°24'20.8"	77° 16' 54.4" 77°18'12.0" 77°18'47.1" 77°18'49.2" 77°13'49.4"	During very dry seasons and drought years animals suffer from want of adequate water source in some areas.. It must, however, be recognized that such seasonal fluctuation and droughts are a natural process and seasonal water limitation is a characteristic of dry forest types. Hence it is decided to supply of water into the forests to fill in the pond and water droughts for the benefit of animals during pinch period. Hence it is proposed.
<b>IV</b>	<b>Eco-Tourism</b>									
4.1	Up-gradation of RHS, dormitory and Trekking shed etc.-	16.17.2	15.000	15.000						The facilities available include 23 rest houses 2 dormitories with 45 suits for the stay of the Tourists. Most of the Rest Houses and Dormitories are urgently needed maintenance such as Replastering, arresting the leakage, rewiring, plumping and infrastructures. Hence it is proposed
	<b>Ulandy Range</b>									
	Improvement of FRH at Topslip				Ulandy	1 No	0.500	10.2758	76.5021	
	Trekking shed at Topslip					1 No	1.000	10.2805	76.5032	
	Maintenance of Wood House, Cheetal RHs					2 Nos.	1.500	10.2758	76.5021	
	Up-gradation of Ambulli Illam RH					1 No	1.000	10.45.92.4	076. 85.13.2	
	Maintenance of Pillar Top , Tree Top RH					2 Nos.	1.000	10.46.86.6	076. 84.04.6	
	Maintenance of Bison Lodge					1 No	0.500	10.46.99.8	076. 84.24.0	
	<b>Pollachi Range</b>									
	Sethumadai Rest House				Pollachi	LS	1.000	10.304	76.524557	
	<b>Valparai Range</b>									



	Maintenance of Sirukundra RH				Valparai	1 No	1.000	10.182	76.5745	
	Maintenance of Trekking Shed at Waterfalls					LS	0.500	10.25'21.9"	76.59'39.7"	
	Improvement and Maintenance of Upper Aliyar RH					LS	1.500	10.4355	76.99051	
	<b>Manambolly Range</b>									
	Manambolly Trekking Shed				Manambolly	LS	1.500	10.21'45.7"	76.53'04.4"	
	<b>Tiruppur Division</b>									
	Amaravathy RH				Tiruppur division	1 No	1.000	10.429	77.26894	
	Chinnar RH					1 No	1.000	10.6216	77.86592	
<b>V</b>	<b>Eco - Development</b>									
5.1	Engaging temporary tribal Mazdoors on daily wages for cavady for department Elephants in Ulandy Range for April 2015 to March 2016 @ Rs.10,500/ per month for 18 Nos. @ Rs.420/ day for 25 days.	16.10.3	21.600	21.600	ATR, Circle	18 Nos x @ Rs.420 x 25 day x 12 Months	22.680			There is two department Elephant camps in Ulandy Range. At present there are 22 Nos of Elephants in the camps. Most of the permanent Cavadies posts are vacant for a long time and temporary Cavadies are being engaged for the camps. Therefore it is essential to engage the temporary Cavady 18 Nos. This work requires special skill unlike other works. only tribals will be engaged.
5.2	Prophylactic measures for cattle in buffer and Tribal Settlement areas and also vaccination for canine distemper to the stray dogs and cats in settlement areas.	16.10.3	1.000	0.000	Pollachi & Tiruppur Divisions	LS	2.000			Several villages abutting the Core of Tiger Reserve having innumerable cattle, these cattles need to be vaccinated periodically in order to prevent the spread of epidemic disease. Hence it is proposed.
5.3	Eco-development activities in fringe and inside villages entry point and awareness and capacity building Rs.1,00,000/-	4.9	3.000	0.000	Pollachi Division	4 x 1.00 Lakhs	4.000			Eco-Development activity is one of the important component which will take care of Forest dwellers by enhancing their livelihood status. Anamalai Tiger Reserve which is having more no of settlements in and around that need special attention. Hence it is proposed.
	Pollachi Range									
	1. Thammampathy									
	2. Saralopathy									
	3. Mannam									
	4. J.J. Nagar									
<b>VI</b>	<b>Addressing Man-Animal Conflict</b>									
6.1	Payment of compensation for crop depredation injury or loss of human life due to wild animals.	16.4.3	5.000	0.000	Pollachi & Tiruppur Divisions	LS	3.000			It is essential to ensure timely payment of compensation to the victims of damages caused by wild animals. It is an unforeseen expenditure which can not be ignored. Out of the some of Rs.10.00 lakhs proposed only Rs.2.00 lakhs has been allotted is not sufficient for the payment of compensation. Hence an amount of Rs.12.00 lakhs may be allotted to this unit during this financial year.
6.2	Anti-depredation Watchers for driving back the wild animals during crop raiding or strayed animals including rescue & rehabilitation of all animals at Rs.316.25/- Per day / Manday. Pollachi Division -3600 Mandays, Tiruppur division - 600 Mandays	16.10.3	11.163	11.163	Pollachi & Tiruppur Divisions	Rs.316.25 x 4200M D	13.280			During monsoon and migration time the elephants are commonly moved to the patta fields abutting the core area and cause the damage to public property and sometime cause the human life also. Valparai areas are prone to wild animal conflicts. Mitigation strategy will be helpful in keeping wild animals inside RF and saving them major untoward incidences. Hence in order to mitigate the problem essentially required to meet out the expenditure in full

										for this item.
6.3	Procurement of postmortem equipments, wearing cloths and expences of postmortem during the death of wild animals and expenses of translocation of wildanimals, medicines, etc.,	16.10.3	1.500	0.500	Pollachi & Tiruppur Divisions	LS	0.500			Expense for the procurement of medicine and other materials for the postmortem is essentially needed. Hence it is proposed.
<b>VII</b>	<b>Human Resource Development</b>									
7.1	Legal support	16.1.18	0.500	0.000	Pollachi & Tiruppur Divisions	LS	0.500			While dealing the wildlife offences it is necessary to meet out the legal support.
7.2	Provision for rewards to field staff	16.1.18	0.500	0.000	Pollachi Division	LS	0.500			Field officers must be rewarded with Cash rewards whenever extra ordinary cases are booked or intelligence has been gathered. Hence it is proposed.
7.3	Training to the field staff in capacity building/ skill development for latest challenging in wildlife trafficking legal issues, investigation and prosecution in 2 Divisions.	16.8.6	1.000	0.500	Pollachi & Tiruppur Divisions	LS	1.000			Training on skill development towards quick response during crisis/conflicts, animal rescue, etc., various aspects of conservation and protection issued will be imparted to the field staff of the Tiger Reserve by engaging resource persons and experts in the wildlife field.
7.4	Conducting study tour for officers & staffs to other Tiger Reserve.	16.8.5	1.000	0.500	Pollachi Division	LS	1.000			The field staffs, Officer and Office staffs will be taken for visits to the other reputed Tiger Reserve and National Park for the study of various aspects of better management purpose.
7.5	Workshop for stakeholders Local Community, NGO's planters and others of Buffer Zone area	16.17.3	0.500	0.000	Pollachi & Tiruppur Divisions	LS	0.250			It is essential to sensitize the stakeholders / Local community/ NGOs, planters and others about the concept of Tiger Reserve
7.6	Workshop / Seminar with Line department for mainstreaming bio-diversity concerns.	16.17.3	0.250	0.000	-do-	LS	0.250			To make them aware of their responsibility and solicit their support towards the welfare of the people living in buffer zone.
<b>VIII</b>	<b>Eco - Tourism</b>									
8.1	Engaging Eco-guides @ Rs.7906/- Month for 13 Nos	16.17.1	11.460	11.460	Pollachi & Tiruppur Divisions	7 Nos x @ Rs.316.25 day x 12 Months	6.640			As the strength of frontline staff in Tourism area of the Tiger Reserve is inadequate to control tourism activities. Eco guides have been engaged in places like In Top slip, Kozhikamuthy, Aliyar, Konalar, Chinnakallar falls and Nallamudi view point and Monkey falls areas, tourist flow is increasing day by day, the tourists need to be regulated systematically and to be guided properly. Hence, it is proposed to engage Eco watchers.
	<b>POLLACHI DIVISION</b>									
	1. Pollachi Range - 3 Nos									
	2. Ulandy Range - 3 Nos									
	3. Manambolly Range - 2 Nos									
	4. Valparai Range - 2 Nos									
	<b>TIRUPPUR DIVISION</b>									



	1. Thirumoothymalai - 1 Nos.									
	2. Amaravathy - 1 Nos.									
	3. Chinnar - 1 Nos.									
<b>IX</b>	<b>Publicity</b>									
9.1	Preparation of publicity and awareness boards, printing of brochures, stickers, booklets, etc.,	16.17.3	1.500	1.500	Pollachi & Tiruppur Divisions	LS	1.500			The Anamalai Tiger Reserve is having the rich bio-diversity in this landscape for which publicity among the students and wildlife enthusiasts is needed for the cause of conservation. Hence it is proposed.
9.2	Conducting Wildlife Week celebration, World Forestry Day / Earth Days / Environment Day / Biodiversity Day.	16.17.3	0.750	0.750	Pollachi Division	LS	1.000			Provision is made for conducting Wildlife Week celebration, World Forestry Day / Earth Days / Environment Day / Biodiversity Day.
<b>X</b>	<b>Establishing of Crime Control Unit</b>									
10.1	Engaging three mazdoors @ Rs.7906 / per month / 12 months to assist working staff round the clock in the control board	16.1.9	2.640	2.640	Pollachi Division	3 Nos x @ Rs.316.25x 25 day x 12 Months	2.850			Round the clock a team of person is needed in the crime control cell. Hence it is proposed.
<b>XI</b>	<b>Phase IV Monitoring of Tigers</b>									
11.1	Expenses for grid survey and fixing of cameras in each grids including field level data collection and other expenses like food, shelter, transportation.	16.7.1			ATR, Circle					As per the guidelines of National Tiger Conservation Authority the grid line survey to be formed and the existing transect line to be cleared for the purpose of fixing camera and also its allied component for Phase - IV Monitoring of Tigers. Hence it is proposed.
a.	Clearing Transect - 2 times per year (Winter & Summer) 1 Km / Rs.2000/-		5.760	5.760		216 Km x 2 x @ Rs. 1000	4.320			
b.	Fixing of Camera Trap for 108 Transect Line - 2 time per year		0.500	0.500		LS	0.500			
c.	Census training to Field Staffs and Valenteers		0.500	0.500		LS	0.250			
d.	Food provision for 8 Days protocol census expences 2 Volunteers		1.500	1.500		LS	0.500			
e.	Fuel, Equipments, Stationaries etc., for Census operation		0.500	0.500		LS	0.200			
<b>XII</b>	Procurement of tmaquilizing medicines, animal rescue tools, maintenance of rescue vehicles with rescue equipments etc.,	16.7.1	1.000	1.000	ATR, Circle	LS	1.000			
	<b>TOTAL RECURRING - Core Zone</b>		<b>276.132</b>	<b>227.438</b>			<b>375.536</b>			
<b>Recurring - Buffer Zone</b>										
<b>I</b>	<b>Fire Control Measure</b>									
1.1	Engaging fire protection watchers @ Rs.310.25 / days 1000 Mandays.	16.2.22	2.88	0.000	Kodai kanal and Dindigul Divisions	Rs.310.25/ 1000 MD	3.100			To detect Forest fires and to prevent the fire, Fire trakkers will be engaged during the crucial fire season. Prevention of fire will help in enriching the forests.
<b>II</b>	<b>Habitat Improvement</b>									

2.1	Supply of water during in Summer Season	16.2.2 2	2.50	0.000	Kodai kanal and Dindigul Divisions	LS	2.500				These water troughs are constructed inside the Forest areas of Kannivadi, Oddanchatram and Palani Ranges. These water troughs will be filled with water by using hired vehicle during summer season at an appropriate interval of time. In this process the movement of wild animal to the villages will be curtailed and reduce the human-animal conflict.
<b>III Eco-Development</b>											
3.1	Prophylactic immunization of cattle in the fringe villages at 2 Camps @ Rs. 0.50	16.2.2 2	1.00	0.000	Manna vannur	1 No.	0.500	10.1402	77.19392		Several villages abutting the Buffer of Tiger Reserve having innumerable cattle, these cattle need to be vaccinated periodically in order to prevent the spread of epidemic disease. Hence it is proposed.
					Vandar avu	1 No.	0.500	10.1961	77.31957		
3.2	Conducting PRA exercises in newly selected villages @ Rs. 0.025 per village for each 2 Nos. per Division	16.2.2 2	0.050	0.000	Manna vannur (Kumbur EDC)	1 No.	0.025	10.1402	77.19392		PRA exercise is a prime activity before starting the EDC. Hence this may be provided.
					Vandar avu (Nattampatti EDC)	1 No.	0.025	10.1961	77.31957		
3.3	ED initial deposit amount in the newly formed villages for economical development @ Rs. 1.00 per village for each 2 Nos. per Division	16.2.2 2	1.00	0.000	Manna vannur (Kumbur EDC)	1 No.	0.500	10.1402	77.19392		Under TBGP project 2 villages were identified and EDCs were formed. Income generation activities were carried out in these villages. Now as per the guidelines of NTCA, Buffer of ATR has been declared and some area has also been included in Buffer of ATR from Kodaikanal Forest Division. Hence 2 new villages are added to the buffer zone activities. Hence this amount may please be allowed.
					Vandar avu (Nattampatti EDC)	1 No.	0.500	10.1961	77.31957		
<b>IV Addressing Man - Animal Conflict</b>											
4.1	Procurement of trapping cages, devices to control and drive back the strayed animals, driving back the crop raiding elephants, rescue of wild animals and rehabilitation, etc	16.1.2 2	1.00	0.000	Manna vannur (Kumbur EDC)	1 No	0.500				In certain situations the wild animal that stray outside fall in water bodies, open pits, wells etc. some animal fell sick and come out of the forests for asylum. In such situations they have to be rescued and proper post-rescue operations have to be undertaken. Hence this item is provided. In the buffer of ATR, the incidences of Wild animals trespassing into the nearby villages occur frequently. They often do crop raids and occasionally damage the properties of the public. In such situations they have to be trapped or driven back in to the forests safely without damage to the public or to the wildlife. It requires large man power and also the trained personnel. Hence a separate item of work has been provided. This may please be sanctioned.
					Vandar avu (Nattampatti EDC)	1 No	0.500				

*df*



4.2	Driving menaceful animals into appropriate places @ Rs. 310.25/- per day	16.4.6	1.15	0.000	Kodai kanal and Dindigul Divisions	400 Mandays	1.240			Some times the wildlife diverting from their traditional paths and reaches nearby villages, agricultural lands. Hence driven back the wildlife into forest area is must one. Hence this item is proposed.
4.3	Maintenance of solar Power Fence @ Rs. 0.13	16.4.6	1.30	0.000	Mannanur (Kumbur EDC)	2.5 km	0.325	10.1746	77.2012	For routine maintenance of electric fencing already erected in the past, to an extent of 5.0 km this amount is requested. These fences require regular maintenance such as clearing ground growth, tightening the wires wherever needed, strengthening the posts wherever needed, painting of posts where rust is formed, changing batteries in case of drained out batteries and replacement of components which are damaged by animals as well as passersby.
					Vandaravu (Nattampatti EDC)	2.5 km	0.325	10.1569	77.29574	
					Dindigul Division	2.5 km	0.325	10.4036	077.35699	
						2.5 km	0.325	10.4102	077.35579	
<b>V</b>	<b>Publicity Awareness</b>									
5.1	Conducting wildlife Week Celebration, world forestry day, etc., in Kodaikanal and Dindigul Forestry Division (Buffer area of Area) @ Rs. 0.50 per Division	16.2.22	0.25	0.000	Kodai kanal and Dindigul Divisions	LS	0.500			Every year it is proposed to celebrate all important days on behalf of Anamalai Tiger Reserve in order to create awareness among the public.
	<b>Total Recurring (Buffer Zone)</b>						<b>11.690</b>			
	<b>Grand Total Recurring</b>						<b>387.226</b>			
	<b>Total Non Recurring (Core+Buffer)</b>						<b>93.600</b>			
	<b>Grand Total Non Recurring and Recurring</b>						<b>480.826</b>			

(Rs. In Lakhs)

S. No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	93.600	56.16
2.	Eco development (60%)	--	
3.	Recurring (50%)	387.226	193.613
4.	<b>Sub Total</b>	<b>480.826</b>	<b>249.773</b>
5.	10% Flexi-fund (x/9)	53.425	27.752
6.	<b>Total (X)</b>	<b>534.251</b>	<b>277.525</b>
7.	Adjustment of balance of previous year 2015-16 including amount to be adjusted due to revised funding pattern (16.802+Nil)	16.802	16.802
8.	<b>Grand Total</b>	<b>517.449</b>	<b>260.723</b>

(Rs. In Lakhs)

Cost of APO including State's share (including Flexi Fund)	A	534.251
Centre's share in APO (without Flexi Fund)	B	249.773
FF on Centre's share	$C=B/9$	27.752
Centre's share including FF	$D=B+C$	277.525
1 <sup>st</sup> release @ 80% of Centre's share	$E=0.8*D$	222.02
Less: Unspent balance FY 15-16 including amount to be adjusted due to revised funding pattern	F	16.802
Adjusted 1 <sup>st</sup> release including FF	$G=E-F$	205.218
2 <sup>nd</sup> release @ 20% of Centre's share	$I=0.2*D$	55.505
Total release towards APO in FY 16-17	$J=(9/10)*(G+I)$	234.651
Total release towards FF in FY 16-17	$K=(1/10)*(G+I)$	26.072
Grand total release in FY 16-17	$L=G+I$	260.723
Total effective release including USB	$L+F$	277.525
Effective release for APO activities	$J+0.9*F$	249.773
Effective release for FFs	$K+0.1*F$	27.752

\* 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.