

**No. 4-1(32)/2018-PT**  
Government of India  
Ministry of Environment, Forest and Climate Change  
Project Tiger Division

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**Dated the 27<sup>th</sup> August, 2018**

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

Sub: **Centrally Sponsored Plan Scheme 'Project Tiger' Administrative Approval for funds release to Anamalai Tiger Reserve, Tamil Nadu during 2018-19 –reg.**

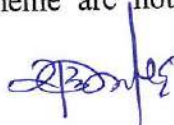
Sir,

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. 633.33 Lakhs (Rupees Six hundred Thirty Three lakhs Thirty Three thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 396.87 Lakhs (Rupees Three hundred Ninety Six lakhs Eighty Seven thousand only)** being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India** and **Government of Tamil Nadu**. The remaining cost of the scheme will be treated as 60% Central Assistance by the Government of India and 40% assistance by the State Government of Tamil Nadu.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 265.744 lakhs (Rupees Two hundred Sixty Five lakhs Seventy Four thousand Four hundred only)** as the 1<sup>st</sup> installment of Central Share towards the Grants-in-aid to Government of Tamil Nadu during the current financial year 2018-19. The balance amount of the Central Assistance will be released in due course after a review of the progress of expenditure/work is undertaken.

3. The grants-in-aid will be regulated in accordance with the provisions contained in the memorandum of the Centrally Sponsored Project Tiger Scheme. The Grants-in-Aid is also subject to the Chapter 9 of the General Financial Rules 2017, as amended from time to time, read with the Government of India's decision incorporated there-under, and any other guidelines which may be issued in this regard, and in particular to the following conditions:-

- (i) All relevant information and documents/certificates as required under GFR 209(I) have been received.
- (ii) The pattern of assistance of rules governing such grants-in-aid have received the approval of the Ministry of Finance, as required under Government of India decision No. (1) under DFPR-Rules 20.
- (iii) Terms and conditions of the service of the employees employed in the **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 230(12)(I).

- (iv) Assets acquired wholly or substantially out of Government Grants shall not be disposed off without obtaining the prior approval of the sanctioning authority of Grants-in-aid.
- (v) The **Government of Tamil Nadu** agrees to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by Govt. of India.
- (vi) The accounts of the **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 Utilization Certificate against the earlier funds released under Grants-in-aid have been received and accepted by the competent authority.
- (ix) Government of Tamil Nadu in respect of **Anamalai Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2019.
- (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 2018-19 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 230(5).
- (xiv) Grants-in-aid shall be utilized for **Anamalai Tiger Reserve** strictly as per the Memorandum of Understanding (MOU) between the Ministry of Environment, Forests and Climate Change, acting through the National Tiger Conservation Authority, Field Director (**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) The expenditure is incurred as per the allocation of funds.
- (xxii) Payments are made by bank transfer and no cash payment is to be made.



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

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 Ministry of Finance.
- (b) The grant sanctioned is subject to the adjustment on the basis of the terms and conditions approving the scheme.

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

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



8. The expenditure incurred is adjustable to the Demand No. 27 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2018-19 :

<b>Scheme</b>	<b>Budget Head</b>	<b>Amount (Rs. in lakhs)</b>
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	245.814
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	19.93
<b>Total</b>		<b>265.744</b>

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 111361/AS&FA (PG) dated 17.8.2018.

Yours faithfully,

  
(Raja Ram Singh)

**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 2018-19 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. AIG, NTCA Regional Office, Bengaluru.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.

  
(Raja Ram Singh)

**Assistant Inspector General of Forests (PT)**



**ANAMALAI TIGER RESERVE, TAMIL NADU**  
**ANNUAL PLAN OF OPERATION 2018-19**

Non-Recurring (Core + Buffer)

(Rs. in lakhs)

Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY	Current Financial Year				GPS	Justification
					No. of Items (Physical Target)	Sub-item Details	Unit Price (Rs.)	Total (Financial Target)		
Anti-Poaching	Buffer Area: Maintenance of field gear, night vision device.	16.1.15	8.1.1 / 48	0.0	2.00	2.000 Procurement of trapping cages, devices to control and to drive back the strayed animals, driving back the crop raiding elephants, rescue of wild animals and rehabilitation, etc * 100000.000 = 200000.000	100000.000	2.00	For rescue and rehabilitation of wild animals straying outside Forest area the captured animals need to be translocated back to the forest area. For this, trapping cages are proposed to be procured	
Strengthening	Buffer Area: Procurement of compass, range finder, Global Positioning System (GPS), camera traps.	16.2.11	8.8/315	0.0	1.00	1.000 Purchase of new camera traps and Cost of battery for camera trap work for three Divisions.25 nos camera traps and 19300 batteries * 4979000 = 4979000.000	4979000.000	49.79	This is the 1st time such an exercise is being undertaken. The amount is required for conducting Phase I and Phase II protocol for All India Tiger Estimation work in the Adjoining Forest Division of Anamalai Tiger Reserve (viz) Kodikanal, Dindigul and Theni Divisions. Camera traps to be fixed @ 2 Sq.Km grids 250 camera traps are required for three adjoining divisions.19300 Batteries required to be purchased for camera traps, to be utilized in Anamalai Tiger Reserve and three adjoining divisions which are very essential. It is a priority item. Hence it is proposed	
Strengthening	Buffer Area: Procurement of hardware, software, manpower, training, gps, etc.	16.2.11	8.2.8 / 97 (B)	0.0	162.00	1.000 Procurement of office equipments Laptop, Computer, UPS, FAX etc., * 100000.000 = 100000.000  1.000 Purchase of New computer and other accessories (M-Stripes Database software facilities) * 100000.000 = 100000.000  160.000 Transect line marking and clearing in adjoining forest divisions. * 10000.000 = 1600000.000	100000.000  100000.000  10000.000	18.00	For continuous updating of data relating to day to day work, provision of office equipments like Laptop, Fax, UPS etc., is very much essential. Hence this may be allowed.  For documentation of the data on All India Tiger estimation in the Buffer Zone provision of separate Computer and accessories is absolutely essential. Hence the requirement indicated may be allowed.  This is the 1st time such an exercise is being undertaken. The amount is required for conducting Phase I and Phase II protocol for All India Tiger Estimation work in the Adjoining Forest Division of Anamalai Tiger Reserve (viz) Kodikanal, Dindigul and Theni Divisions. Transect lines are to be marked & cleared in 160 beats on transect per beat @ Rs.0.10 lakhs per beat. The provision is required for 8 days for items like food provision, printing of data book. It is a priority item. Hence it is proposed	

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Strengthening	Core Area: Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring.	16.2.14	8.4.4 / 173	0.0	108.00	108.000 Procurement of mobile phone (Android OS) for M-Stripes * 8500.000 = 918000.000	8500	9.18	It is proposed to procure 108 Numbers of hand mobile sets to be used in the M-Stripes Programme in the Tiger Reserve. This is proposed in accordance with the advisory issued by NTCA in Letter F.No.15-17/2010-NTCA (Vol.I), Dated.21.02.2018. The mobile sets will be procured locally at Rs.8825/- per set by following usual norms. Hence this may be allowed.
Addressing man animal conflict	Core Area: Procurement of traps to catch problematic animals.	16.4.1.3	8.1.8.1 / 140	4.0	1.00	1.000 Payment of compensation for crop depredation injury or loss of human life due to attack by wild animals * 600000.000 = 600000.000	600000.000	6.00	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. Hence the amount proposed may be allotted.
Research and field equipment	Core Area: Day to day monitoring of wild animals	16.7	8.4.4/173	0.0	1.00	323.008 173.00 purchase of camera traps 22000=3806000.00 50.00 purchase of Range finder *18000=900000. 100.00 purchase of compass 6000 = 600000.00	22000.00 18000.00 6000.00	53.06	Provision has been made for purchase of Range finder, camera trap
Staff Development	Core Area: Study tours for appraisal of good practices in other reserves.	16.8.5	7.3.45 / 108	1.5	1.00	1.000 Conducting study tour for officers & staffs to other Tiger Reserve. * 100000.000 = 100000.000	100000.000	1.00	As part of training and skill upgradation, study tours will be organized, so that officers and staff can learn from practices adopted in other protected areas and Tiger Reserves.
Project Allowance	Core Area: Provision of Project Allowance to staff (all categories) of Project Tiger (providing project allowance to Ministerial staff is a new component) (non recurring). Separate for all categories. See from guide lines	16.15	9.7.3 / 313	16.68	1.00	1.000 Project allowance as per the guidelines of CSS-PT all employees of staff permitted by GOI. * 1907000.000 = 1907000.000	1907000.000	19.07	Project Allowance is provided as per the prescribed norms of National Tiger Conservation Authority. (214 Nos)
Staff welfare	Core Area: Provision for ration allowance to field staff	16.16	9.7.3 / 313	0.0	1.00	1.000 Ration allowance as per the guidelines of CSS-PT for Foraster, Forest Guard and Forest Watchers permitted by GOI. * 1620000.000 = 1620000.000	1620000.000	16.20	Funds are required for payment of ration allowance for the staff in six Ranges the period from April 2018 to March 2019 and as per National Tiger Conservation Authority letter No. 1531/2012/NTCA dt. 06.06.2016. (165 Nos)
Fostering Tourism	Core Area: Activities for reducing resource dependency	16.17	8.1.1 / 50	0.0	33.00	19.000 Engaging Eco sanitary watchers 19 Nos * 108000.000 = 2052000.000 1.000 Engaging Eco-tourism officer on contract basis * 360000.000 = 360000.000 13.000 Engaging Eco-guides * 108000.000 = 1404000.000	108000.000 360000.000 108000.000	38.16	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 of tickets of tourist and Vehicle. Apart of this, they will help in playing a key role in low impact tourism as

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									per Honble Supreme Court of India guidelines. One retired Forest Range Officer has been engaged from October 2017 to coordinate with the Eco-tourism activities with the officers and other line department officers. He has rich experience in having worked in the Anamalais for more than 30 years his services are also utilized for mitigation measures for Human Wildlife Conflicts in the Tiger Reserve. He will be paid a monthly remuneration of Rs.30,000. Hence this may be allowed. 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.
Fostering Tourism	Core Area: Wildlife Conservation Awareness	16.17	7.3.13 / 88	0.0	509.00	1.000 Workshop for stakeholders Local Community, NGOs planters and others of Buffer Zone area * 400000.000 = 400000.000 1.000 Workshop / Seminar with Line department for mainstreaming bio-diversity concerns. * 400000.000 = 400000.000 1.000 In relation to the Celebration of the 10th year anniversary of Project Tiger in Anamalai Tiger Reserve Preparation of publicity and awareness boards, printing of brochures, stickers, booklets, etc., * 200000.000 = 200000.000 500.000 Printing of Revised edition of the book titled History of Anamalais * 1000.000 = 500000.000 1.000 Improvement of Eco-sanitary facilities at Aliyar * 300000.000 = 300000.000 1.000 Conducting Wildlife Week celebration, World Forestry Day / Earth Days / Environment Day / Biodiversity Day / summer	400000.000 400000.000 200000.000 1000.000 300000.000 200000.000 100000.000	24.00	There is a need to sensitize the stake holders, local community about their role in the Conservation of Bio diversity of Anamalai Tiger Reserve Hence workshops will be conducted for this people utilizing the funds provided here. Pollachi Division Rs. 200000 Tiruppur Division Rs. 200000 There is a need to sensitize the line department officials to enlist their support in the conservation of Forest and Wildlife of the Tiger Reserve. Hence, workshops will be conducted for the official staff Revenue, Police, Judiciary, Animal Husbandry, Electricity Board, PWD and TANTEA. Hence the provision may be allowed. Pollachi Division - 2.00 Lakhs Tiruppur Division - 2.00 Lakhs Anamalai Tiger Reserve formed during 2008 will be completing 10th year of formation in April 2018 hence it is essential that the activities done by Anamalai Tiger Reserve in Tiger conservation and habitat improvement have to be highlighted during the 10th anniversary celebration. Provision has been made for preparing signages, boards and pamphlets and awareness literature on conservation aspects. Hence this may be allowed. Every year thousands of Tourists visit monkey falls and they also visit the interpretation Centre located near Aliyar check

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					festival in valparaiand etc... * 200000.000 = 200000.000  4,000 Creation of Tiger Model for giving awareness to the public at various places in Anamalai Tiger Reserve Pollachi 1, Chinnar, 2. Sethumadi Check Post, 3. Allyar Check Post, 4. 9/6 Check Post @ Rs.1.00 Lakhs each * 100000.000 = 400000.000			post. The existing toilet facilities need to be improved as the building is in damaged condition. It is proposed to provide integrated sanitary complex for the use of the visitors. Hence this may be allowed. Wildlife week, World Environment day and other notable days are observed by organizing programmes in collaboration with local NGOs, Villagers and Education Institutions. The funds will be used for organising these programmes for awareness. It is proposed to install the Tiger model at four different locations to create awareness among the public about the need for protecting the big cat. Each model would cost of Rs.1.00 Lakh. This may be allowed.
	Total (Non-Recurring):						236.46	

(Rs. in lakhs)

Recurring (Core + Buffer)

Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY	Current Financial Year				GPS	Justification
					No. of Items (Physical Target)	Sub-item Details	Unit Price (Rs.)	Total (Financial Target)		
Addressing man animal conflict	Buffer Area: Maintenance of tranquilizing equipments and rescue vehicles. (Items will be in a dropdown)	16.4.6	8.1.1 / 48	2.69	400.00	400.000 Driving menaceful animals into appropriate places @ 360.000 = 144000.000	360.000	1.44		Some times Wild animals stray out of forest area to near by villages in search of water, food etc., They need to be driven back into the forest area to prevent Human Wildlife Conflict. For this the services of local persons who are well versed with the track will be utilized. Hence this is proposed.
Tiger Safari	Buffer Area: Maintenance of Tiger Safari, interpretation and awareness centers under the existing component of co-occurrence agenda in buffer and fringe areas.	16.21	8.2.3.2 / 87 (B)	3.48	503.00	500.000 Engaging fire protection watchers @ Rs.360 / days 500 Mandays. * 360.000 = 180000.000 2.000 Prophylatic immunization of cattle in the fringe villages at 2 Camps @ Rs. 0.50 * 50000.000 = 100000.000 1.000 Conducting wildlife Week Celebration, world forestry day, etc., in (Buffer area of Area of	360.000 50000.000 50000.000	3.30		To detect Forest fires and to prevent the fire, Fire Watchers will be engaged during the crucial fire season. Prevention of fire will help in enriching the forests. Several villages abutting the Buffer of Tiger Reserve are having a number of cattle, these cattle?s need to be vaccinated periodically in order to prevent the spread of epidemic disease. Hence it is proposed. Every year it is proposed to celebrate all important days in the buffer zone of Anamalai Tiger Reserve in order to create awareness

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						Anamalai Tiger Reserve) @ Rs. 0.50 per Division * 50000.000 = 50000.000			among the public.
Strengthening	Core Area: Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring.	16.2.14	8.4.4 / 173	22.37	33.00	12.000 Conducting sensitization camps & training to staff etc., for population estimation of tiger, its co-predators & prey * 50000.000 = 600000.000 3.000 (i) Computer operator salary 3 Nos. @ of Rs.12500/- for month per No. April 2018 - March 2019 Chief Conservator of Forests and Field Director - 1 No. Deputy Directors, Pollachi - 1 No, Deputy Director, Tiruppur - 1 No * 150000.000 = 450000.000 3.000 Procurement of Stationery and other equipments for data bank * 100000.000 = 300000.000 3.000 Engaging Data Entry Operators / Qualified computer personnel for MIS and GIS applications. @ Rs. 14,500/- 1) Chief Conservator of Forests and Field Director, 2) DD, Anamalai Tiger Reserve, Pollachi, 3) DD, Anamalai Tiger Reserve Tiruppur * 174000.000 = 522000.000 7.00 0 Engaging 7 Nos. of computer operator Pollachi - 1 No, Valparai -1 No,	50000.000 150000.000 100000.000 174000.000 150000.000 150000.000 216000.000	38.04	Population estimation of Tiger and Co-predators is being carried out every year in the Tiger Reserve. The staff and the NGOs participating in the exercise have to be trained and fully updated in various scientific methods of population estimation. It is proposed to conduct camps and Training Sessions for this purpose during 2018-19. Hence, this provision is made. The data relating to M-STRIPES needs to be collected and processed every month and reviewed by the concerned authorities of the Tiger Reserve every month. Engaging one Computer Operator each in FD Office, DD Office Pollachi and Tiruppur is very much essential for this work.  For documentation of works like Phase-IV monitoring, Pre and Post monsoon 8 day protocols, meetings and seminars and for routine office work in DD Office, Stationary and other equipments are essentially required. The information on patrolling data, fire occurrences, offences, beat boundaris, fire line details, Exotic weeds etc., need to be documented and analysed for timely decision. Hence it is proposed for sanction. The Tiger Reserve is functioning with inadequate number of Typist and Steno Typist. It is very difficult to manage the day today office administration. Hence, the services of Computer Operators are very essential for all offices in the Tiger Reserve. (7 Nos @

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						<p>Manambolli - 1 No, Ulandy - 1 No, Amaravathy - 1 No. Udumalpet - 1 and FD office 25 days for month @ Rs. 12500/- per Month * 150000.000 = 1050000.000 3.000 Procurement of GIS Software for Pollachi and Tiruppur Divisions. * 150000.000 = 450000.000 2.000 Engaging Biologists - 2 Nos. * 216000.000 = 432000.000</p>			<p>12500/ Month x 12 Months) GIS software is required for preparation of various kinds of maps that will be helpful for better management of the Tiger Reserve 1 - CCF, Anamalai Tiger Reserve, Pollachi, 2. DD, Tiruppur, 3. DD, Pollachi. Hence it is proposed.. Anamalai Tiger Reserve has rich diversity of Fauna and Flora which need to be explored and documented to carry out this exercises the services of a qualified biologist is very much essential. It is proposed to engage one biologist each for Pollachi and Tiruppur division at a remuneration of Rs.18,000/- per month. Hence this may be allowed.</p>
Anti-Poaching	Core Area: Deployment of anti-poaching squads.	16.1.2	8.8.18 / 251	27.5	408.00	<p>34.000 Engaging Anti - poaching Watchers in Vulnerable areas. Salary for Existing APWs 34 Nos @ Rs.10000/- * 12.000 = 4080000.000</p>	10000.000	40.8	<p>Anti-Poaching Camps have been established in sensitive areas of interstate boundaries of the Tiger Reserve and tribal youths have been engaged as Anti-Poaching watchers to man these camps. The deployment of these squads is critical for protection of forest and wildlife. These Anti-Poaching Watchers have been paid wages under different schemes like (Project Tiger - 34 Nos CAMPA Non- Plan etc) As budget allocation under Non- Plan head is being reduced every year there is likelihood of allocation for wages to Anti-Poaching Watchers being withdrawn. Hence provision has been made here to additional 16 Anti- Poaching Watcher. Further as per G.O(D).No.115 E&amp;F(FR2-II) Depart ment, Dt.23.09.2017 the wages of Anti- Poaching Watchers have been raised from Rs.6750/- to Rs.10000/- for certain group of APWs. As</p>

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										uniform wages have to be paid for all the APWs irrespective of the head under which they are paid, the rate of wages has been claimed in this item as Rs.10000/- per month. Hence the provision may be allowed.
Anti-Poaching	Core Area: Legal support for defending court cases.	16.1.13	8.8.16.5 / 241	0.50	2.00	1.000 Logistic support to prosecute offenders * 200000.000 = 200000.000 1.000 Legal support * 100000.000 = 100000.000	200000.000 100000.000	3.00		For meeting the expenses incurred in Court Cases and prosecution in wildlife and forest offences. Several cases are also pending in High Court for which legal support is needed. For meeting the expenses incurred in court cases and prosecution in Wildlife and Forest offences. several cases are also pending in high court for which legal support is needed.
Anti-Poaching	Core Area: Maintenance of existing patrolling camps / chowkis and deployment of camp labourers for patrolling.	16.1.3	8.3.23 / 164	10.0	7.00	1.000 Improvement of Control Room cum Wildlife Data Management Centre at District Forest Officer and Deputy Director Office at Udumalpet * 200000.000 = 200000.000 6.000 Improvement of Existing Anti-poaching Shed * 200000.000 = 1200000.000	200000.000 200000.000	14.00	10.5817, 77.2455 10.4522, 77.0005	It is proposed to develop one Control room in the office of the Deputy Director, Tiruppur at Udumalpet for effective data management. Hence it proposed to procure Wireless and Computer equipments for operating the control room. This may be allowed. The Anti-poaching sheds require regular maintenance and renovation works like painting, plumbing, flooring, roof repair, supply of furniture and utensils for the camps. The repair and maintenance works will be carried out as per the estimate prepared adopting PWD rates. 1.Periya Sholai 2.Anakundhi sholai 3.Konalar 4.Sheikkalmudi 5. V-Cut 6. Mavadappu
Anti-Poaching	Core Area: Maintenance of wireless tower.	16.2.3	8.8.18 / 253	9.4	11.00	11.000 Engaging wireless operators for managing wireless stations -11 Nos. at Rs.9000/-Per month. * 108000.000 = 1188000.000	108000.000	11.88		There is an organized wireless net work functioning in Anamalai Tiger Reserve with base stations and satellite stations in Field Director, Deputy Director, Range offices and Check posts. To ensure efficient functioning of the wireless

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										stations it is proposed to employ wireless operators on daily wages basis. Hence this may allowed.
Anti-Poaching	Core Area: Organizing surprise raids jointly with the local police( in railway stations, local trains, bus-stops, buses, catchers and cafeteria.)	16.1.6	8.8.15.2 / 227	12.15	8.00	5.000 Establishment of highway patrolling squads * 297000.000 = 1485000.000 3.000 Engaging three mazdoors @ Rs.9000 / per month / 12 months to assist working staff round the clock in the control board * 108000.000 = 324000.000	297000.000 108000.000	18.09		The Pollachi - Valparai state high way traverses through Reserve Forest area of Anamalai Tiger Reserve. Further Coimbatore, Dindigul National high way is nearer to Tiger Reserve area in several locations. Regular patrolling is very much necessary for effective protection, monitoring to prevent any illegal activities. Hence, this item is highly essential. A Crime Control Cell is functioning round the clock in the Camp office of Field Director at Pollachi where , 3 mazdoors are working on turn basis to receive and convey important messages concerning the Tiger Reserve administration. Provision is required for payment of wages of 3 mazdoors.
Anti-Poaching	Core Area: Rewards to informers.	16.1.12	8.8.16.5 / 241	0.75	2.00	1.000 Secret service fund (information, Intelligence, reward & awards) * 50000.000 = 50000.000 1.000 Provision for rewards to field staff * 100000.000 = 100000.000	50000.000 100000.000	1.50		To encourage informants and Field Staff in the detection of offences and intelligence gathering, it is essential to pay Rewards and Awards to the eligible persons. Hece, it is proposed. To encourage informants and Field Staff in the detection of offences and intelligence gathering, it is essential to pay Rewards and Awards to the eligible persons. Hece, it is proposed.
Strengthening	Core Area: Maintenance of (patrolling camp, culverts).	16.2.1	8.8.18 / 249	4.78	142.00	1.000 Establishing and maintenance of patolling camps, deployment of camp labourers and cost of fuel etc., (2000 MD x Rs. 360/- = 7.20 Lakhs).	72000.000	7.20		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

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										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 is to be charged for 350 Ltrs.(2000 MD x Rs. 360/- = 7.20 Lakhs) Fuel (350 x 65 = Rs.0.23 and Rs.0.045 for Oil and Lubricants)
Strengthening	Core Area: Maintenance of Beat Office	16.2.1	8.6.17/21 2	0.0	1.00	1.000 Maintenance of (staff quarters, family hostels, office improvement, housekeeping buildings, museum. * 1000000.000 = 1000000.000	100000.000	10.00		The Residential buildings noted in Column 3 are in a damaged condition due to seepage in roof, defects in the pipe line, electrical fittings and septic tank etc., These require urgent maintenance / repairs to make the buildings fit for occupation by the staff. Hence, this provision is essentially required and The Fire Disaster Management Centres functioning at Attakatty and Topslip have been very successful in co-ordinating fire protection strategies. These centres have to be maintained properly to keep them in good condition like providing Solar panel for power facility and Wireless set, strengthening the building. Hence this amount is proposed. 1. For maintenance of Staff quarters at Zamin Uthukkuli - 2 Lakhs. 2. For maintenance of Staff quarters at Field Director Office Campus - 2 Lakhs. 3.Improvement of Reception building at GTD campus - 10 Lakhs.
Strengthening	Core Area: Maintenance of DD/DFO	16.2.1	8.6.17/21 2	0.0	1.00	1.000 Improvement of Deputy Director	600000.000	6.00	10.6516, 76.9961	Maintenance / repairs to the building is very essential. Hence, this

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	Quarters.					Office Building at GTD Campus * 600000.000 = 600000.000				provision is required.
Strengthening	Core Area: Maintenance of Deputy Ranger Quarters	16.2.1	8.6.17/21 2	0.0	1.00	1.000 Maintenance of (staff quarters, family hostels, office improvement, housekeeping buildings, museum). * 300000.000 = 300000.000	300000.000	3.00	10.471, 76.843	The Residential building noted in Column 3 are in a damaged condition due to seepage in roof, defects in the pipe line, electrical fittings and septic tank etc.. These require urgent maintenance / repairs to make the buildings fit for occupation by the staff. Hence, this provision is essentially required. 1)Improvement and maintenance of ARO Quarters at Topslip near FRO quarters - Rs. 3 lakhs
Strengthening	Core Area: Maintenance of FD Office	16.2.1	8.6.17/21 2	0.0	1.00	1.000 Maintenance of Field Director Office Building. * 500000.000 = 500000.000	500000.000	5.00	10.6516, 76.9961	Maintenance / repairs to the building is very essential. Hence, this provision is required.
Strengthening	Core Area: Maintenance of FD Quarters.	16.2.1	8.6.17/21 2	0.0	1.00	1.000 Maintenance of Field Director's Residence and Camp office at Zaminutthukkul i * 200000.000 = 200000.000	200000.000	2.00	10.6504, 76.9842	Maintenance / repairs to the building is very essential. Hence, this provision is required.
Strengthening	Core Area: Maintenance of fire lines and firebreaks.	16.2.6	8.3.6.2/1 57	66.48	6701	6000.000 Engaging Fire Protection watchers during December 2018 to March 2019 * 360.000 = 2160000.000 1.000 Additional Fuel, maintenance of vehicles used for anti-poaching activities, fire protection, Highway patolling interstate meetings etc., * 585000.000 = 585000.000 2500.000 Fire Watchers 6 month from December 2018 to May 2019 * 360.000 = 900000.000 200.000 Fire line clearing at 6mtr width @ Rs.10800 per km * 10800.000	360.000 585000.000 360.000 10800.000	58.05		Fire Watchers are necessary to carryout fire protection activities. 6000 mandays will be generated through engaging fire watchers for a period of 4 months for detection and controlling of wild fires. This item is necessary to meetout the expenditure towards payment of wages to the fire protection watchers. The local tribals who have a fairly good knowledge of the terrain would be employed for this purpose. The rate provided is based on wage rates of last year with 10 % increase for the current year. The existing ceiling available to the department vehicles is inadequate to perambulate the entire 958 sq.km. of Core area especially

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						= 2160000.000			<p>the inaccessible and vulnerable areas. Hence, additional fuel for department vehicles is necessary for conducting anti poaching activities, fire protection, highway patrolling interstate joint patrolling and for other unforeseen works. Hence it is proposed.</p> <p>Anamalai Tiger Reserve having a large dry deciduous bamboo tract faces annual fires. Precautionary measures such as engaging fire watchers cutting fire lines, fire line tracing work are very much needed, which will help in preventing major fire in Bamboo area and various pocket Sholas. Hence this is proposed.</p> <p>Fire lines are necessary to curtail spreading of fire in case of any fire occurrence. The fire lines were created last year on either side of the roads around human habitations and other fire prone areas. These fire lines will be maintained by removal of vegetation in the area and fire tracing will be done by burning the vegetations.</p> <p>Anamalai Tiger Reserve having a large dry deciduous bamboo tract faces annual fires. Precautionary measures such as engaging fire watchers cutting fire lines, fire line tracing work are very much needed, which will help in preventing major fire in Bamboo area and various pocket Sholas. Hence this is proposed.</p>
Strengthening	Core Area: Maintenance of Forest Guard Quarters.	16.2.1	8.6.17/21 2	0.0	2.00	2.000 Maintenance of Forest Guard Quarters. * 125000.000 = 250000.000	125000.000	2.50	<p>The Residential buildings noted in Column 3 are in a damaged condition due to seepage in roof, defects in the pipe line, electrical fittings and septic tank etc., These require urgent maintenance / repairs</p>

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										to make the buildings fit for occupation by the staff. Hence, this provision is essentially required. 1. Improvement of FG and FW quarters at Waterfalls - Rs. 1.00 lakhs 2. Improvement of Combined FG and FW quarters at Cinchona in manambolly Range - Rs. 1.50 lakhs
Strengthening	Core Area: Maintenance of Hardware.	16.2.10	8.6.17/212	2.0	4.00	1.000 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., * 200000.000 = 200000.000 1.00 0 Cost of office stationaries and other essential office items etc., PCCF and CWLW office, FD, Office and 2 Deputy Director office ) * 200000.000 = 200000.000	200000.000 200000.000	4.00		Maintenance of the equipments like Xerox machine, FAX machines, Computers, Power supply units, batteries, etc., already procured is very essential to avoid additional expenditure for the procurement of new ones. Hence, this provision is essential. The stationary is essentially needed for collection of data, preparation of documents and for day today office work etc., it is also proposed to purchase Hard Disk, Wrapper Sheet, Flag, Scribbling pad, Pen, Pencil, Cloth office cover.
Strengthening	Core Area: Maintenance of Kitchens	16.2.1	8.6.17/212	0.0	1.00	1.000 Maintenance of New Cooking shed at Kozhikamuthy elephant camp * 200000.000 = 200000.000	200000.000	2.00	10.4443, 76.8491	Maintenance / repairs to the kitchen is very essential. Hence, this provision is required.
Strengthening	Core Area: Maintenance of Range Office	16.2.1	8.6.17/212	0.0	1.00	1.000 Improvement of Range Office Building at Valparai in Manamboly Range * 200000.000 = 200000.000	200000.000	2.00	10.332, 76.960 10.332, 76.960	Maintenance / repairs to the building is very essential. Hence, this provision is required.
Strengthening	Core Area: Maintenance of Rangers Quarters.	16.2.1	8.6.17/212	0.0	1.00	1.000 Maintenance of (staff quarters, family hostels, office improvement, housekeeping buildings, museum). * 200000.000 = 200000.000	200000.000	2.00	10.584, 77.243	The Residential building noted in Column 3 are in a damaged condition due to seepage in roof, defects in the pipe line, electrical fittings and septic tank etc., These require urgent maintenance / repairs to make the buildings fit for occupation by the staff. Hence, this provision is

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										essentially required. (Maintenance of Forest Range Officer Quarters At Udumalpet - Rs. 2 lakhs)
Strengthening	Core Area: Maintenance of Toilets	16.2.1	8.6.17/21 2	0.0	2.00	2.000 Improvement of Common toilet to the Public and Tourist at Topslip * 500000.000 = 1000000.000	500000.000	10.00	10.4714 76.8420	Maintenance / repairs to the building is very essential. Hence, this provision is required.
Tiger Safari	Core Area: Maintenance of Tiger Safari, interpretation and awareness centers under the existing component of co-occurrence agenda in buffer and fringe areas	16.21	8.6.4 / 207	0.0	3.00	1.000 Improvement and Maintenance of Monkey falls, providing safe guard and cutting steps in the rock portions and improvement of existing separate Dressing Room and Toilet rooms for Man and women * 500000.000 = 500000.000  1.000 Improvement and maintenance of Interpretation centre at Topslip * 200000.000 = 200000.000 1.000 Improvement of Interpretation Center at Aliyar * 600000.000 = 600000.000	500000.00 200000.000 600000.000	13.00	10.4575 56,76.96 9028 10.4716, 76.8441 10.4720, 76.8528	Annually 2.00 Lakhs tourists visit the monkey falls and providing livelihood options to the Chinnarpathy EDC. It is essential to provide basic facilities to the tourists visiting the falls. Improvement works like change of Tiles, colour wash, commod fitting, wash basin fitting and electrical and plumbing works are proposed to be carried out to the dressing room buildings at Monkey falls to make it fit for use by the tourists, it is also proposed to provide iron railing near the falls to ensure safety of the tourists. It is proposed to replace the damaged interpretation materials in the MPCA building, which is very essential. Hence this may be allowed. It is proposed to provide new display materials on Fauna and Flora of Anamalais in the interpretation centre at Topslip to provide updated information about the Tiger Reserve. This may be allowed. The interpretation Centre at Aliyar was established in the year 1996. The building has become very damaged and needs overall improvement it is proposed to change the roofing, flooring, display panels, repair the windows and doors, which is very essential. Hence this may be allowed.
Mainstreaming	Core Area:	16.10.1.3	8.8.15.2 /	56.62	4234.00	18.000	108000.000	63.66		It is necessary to

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wildlife concerns	Monitoring of wild animals.	228			<p>Engaging Tiger / Elephant / Nilgiri Tahr / LTM trackers - 300000.000</p> <p>Pollachi, Valparai, Manambolli and Ulandy Ranges @ Rs.360/ per day * 108000.000 = 1944000.000</p> <p>14.000 Engaging temporary tribal Mazdoors on daily wages for cavady for department Elephants in Ulandy Range for April 2018 to March 2019 @ Rs.13,750/ per month for 9 Nos. @ Rs.550/ day for 25 days. * 165000.000 = 2310000.000</p> <p>1.000 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. * 300000.000 = 300000.000</p> <p>4200.000 Anti-depredation Watchers for driving back the wild animals during crop raiding or strayed animals including rescue &amp; rehabilitation of all animals at Rs.360 /- Per day / Manday. Pollachi Division -2100 Mandays, Tiruppur division - 2100 Mandays * 360.000 = 1512000.000</p> <p>1.000 Procurement of postmortem equipments, wearing cloths and expences of postmortem during the death of wild animals</p>			<p>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 whenever they stray in to the area. 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, provision proposed is required for payment of wages to the persons engaged.</p> <p>There are two department Elephant camps in Ulandy Range. At present there are 22 Nos of Elephants to run the camps. Most of the permanent Cavadies posts are vacant for a long time and temporary Cavadies are being engaged for the camps. This work requires special skill unlike other works and only tribals will be engaged for this job. This item is therefore very essential.</p> <p>Several villages abutting the Core of Tiger Reserve are having a number of cattle. These cattles need to be vaccinated periodically in order to prevent the spread of epidemic disease. Hence it is proposed.</p> <p>During monsoon and migration time the elephants commonly move to the patta fields abutting the core area and cause damage to public property and sometime cause loss of human life also. Valparai area is prone to wild animal conflicts. Mitigation strategy will be helpful in keeping wild animals inside RF and saving from major untoward incidences. Hence in</p>
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						and expenses of translocation of wild animals, medicines, etc., * 300000.000 = 300000.000			order to mitigate this problem, this provision is required to meet out the expenditure. Expenses for the procurement of medicine and other materials for the postmortem is essentially needed. Hence it is proposed.
Habitat Improvement	Core Area: Water retention structures	16.3	7.2.1.9 / 29	33.1	32.00	6.000 Water management for wildlife by desilting and maintenance of existing water hole / check dams * 100000.000 = 600000.000 20.000 Reclamation of swamps by removing tree growth/weeds etc @ Rs.0.20 lakhs / Ha * 20000.000 = 400000.000 4.000 Supply of water to the wild animals during pinch period 5 Units @ Rs.5000 / per unit / for 4 months * 100000.000 = 400000.000 2.000 Drinking water supply to wildlife through motors energized by Solar Powers in Anamalai Tiger Reserve, Pollachi * 1200000.000 = 2400000.000	100000.000 20000.000 100000.000 1200000.000	38.00	10.2812, 76.5044, 10.4013, 76.8804, 10.4932, 77.1105 During 2017-18 both South-West and North-East monsoons have failed and acute dry condition is prevailing now. The existing water holes and check dams have to be regularly cleaned and desilted and repair to be done for the damage caused by wildlife. This is essential to store water to ensure availability of water pinch period. Hence this provision is required. 1) Check dam at Ayerangal 2) Karian Sholai Check dam at Topslip beat 3) Attakatty Check dam at Attakatty 4) Check dam at Meenparai 5) Elumalayam kovil 6) Vandipuliyamaram Swamps are important part of Anamalai Tiger Reserve landscape for all the aquatic wildlife, so they should be improved. Hence the amount is proposed. 1) Pollachi Range (Pachathancee) - 5 Ha. 2) Ulandy Range (Varagaliar) - 5 Ha. 3) Manambolloy Range (Yanaipallam) - 5 Ha. 4) Valparai Range (Grass Hills) - 5 Ha. Due to Failure of South-West and North-East monsoon during 2017-18, acute dry condition is prevailing. Already there is scarcity of water in the Tiger Reserve. Hence, it has been decided to supply water and fill it in the ponds and water troughs for the benefit of the animals until we receive rains in the next monsoon. Hence this item is proposed. Due to

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									Failure of South-West and North-East monsoon during 2017-18, acute dry condition is prevailing. Already there is scarcity of water in the Tiger Reserve. Hence, it has been decided to supply water and fill it in the ponds and water troughs for the benefit of the animals until we receive rains in the next monsoon. Hence this item is proposed. 1) Mankarai beat 2) Udumalpet	
Habitat Improvement	Core Area: Weed eradication	16.3	7.2.1.5 / 23	33.0	155.00	75.000 Opening up habitat by removal of exotic weed for improving regeneration of native species and grass growth 75 Ha. at Rs.32425 / Ha. * 2431000.000 = 2431000.000	2431000.000 15125.000	36.41	10.522, 76.851, 10.4522, 77.0005	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 clearing exotic weeds in Anaimalais 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 components to enhance tiger population. This item has been provided in the approved Tiger Conservation Plan for Anamalai Tiger Reserve. Hence it is very essential. (75 Ha @ Rs. 32425 / ha ) Last year heavy jungle growth weeds were removed for better habitat management. This area need to be maintained to curtail further growth of weeds and allow natural regeneration for the benefit of prey base population. Hence this provision is made.
	<b>Total (Recurring):</b>							<b>396.87</b>		

2300/14



(Rs. In lakhs)

S. No.	Items	Sanction	Central Assistance
1	Non-Recurring (60%)	236.46	141.88
2	Recurring (50%)	396.87	198.43
	<b>Total</b>	<b>633.33</b>	<b>340.31</b>

(Rs. In lakhs)

Cost of APO including State's share	A	633.33
Center's share in APO	B	340.31
1 <sup>st</sup> release @ 80% of Center's share	$C=0.8*B$	272.248
Less: Unspent balance FY 2017-18	D	6.504
Adjusted 1 <sup>st</sup> release	$E=C-D$	265.744
2 <sup>nd</sup> release @20% of Center's share	$F=0.2*B$	68.062

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



