

No. 4-1(31)/2018-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 22nd October, 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 Mudumalai 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 Mudumalai Tiger Reserve, Tamil Nadu at the cost of **Rs. 735.34 Lakhs (Rupees Seven hundred Thirty Five lakhs Thirty Four thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 562.27 Lakhs (Rupees Five hundred Sixty Two lakhs Twenty 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. 305.579 lakhs (Rupees Three hundred Five lakhs Fifty Seven thousand Nine hundred only)** as the 1st 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 **Mudumalai Tiger Reserve** under the Project Tiger Scheme are not higher than those applicable to similar

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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 **Mudumalai 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 **Mudumalai Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2019.
- (x) **Mudumalai 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 **Mudumalai 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 **Mudumalai 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 (**Mudumalai 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.

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- (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.

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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 :

Scheme	Budget Head	Amount (Rs. in lakhs)
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	282.661
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	22.918
Total		305.579

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 111454/AS&FA (PG) dated 16.10.2018.

Yours faithfully,

Nishant Verma 22/10/18
(Nishant Verma)
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 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, Mudumalai 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.

Nishant Verma 22/10/18
(Nishant Verma)
Deputy Inspector General of Forests (PT)

MUDUMALAI 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: Establishing of patrolling camps/chowkis/buildings	16.1.3	13.2	0.0	1.00	1.000 Strengthening Anti-poaching camp with cooking facilities including kitchen shed etc. * 300000.000 = 300000.000	300000.000	3.00		There are 13 Anti-poaching camps available in this division. At present there is no cooking facilities available in nine camps. Hence, One camp in Segur Range is proposed now for the facility including kitchen shed and kitchen accessories etc.,
Anti-Poaching	Buffer Area: Legal support for defending court cases.	16.1.13	10.1	0.0	2.00	1.000 Legal support for defending court cases including legal fees and other miscellaneous charges. * 250000.000 = 250000.000 1.000 Legal support for defending court cases including legal fees and other miscellaneous charges. * 100000.000 = 100000.000	250000.000 100000.000	3.50		This provision is required for Payment of legal fees and misc. expenses towards conduct of court cases and vetting of the documents by the Govt. Pleader (Forests) such as relocation issues and other court cases. For MTR - Ooty Division. Similar provision is made for Masinagudi Division. This division has more vulnerability. Hence additional one squad in deployed. for MTR - Masinagudi Division
Strengthening	Buffer Area: Procurement of hardware, software, manpower, training, gps, etc.	16.2.11	11.2	5.4	107.00	10.000 Purchase of GPS related accessories * 25000.000 = 250000.000 4.000 Purchase of Cameras * 50000.000 = 200000.000 3.000 Procurement of Computers * 70000.000 = 210000.000 1.000 Procurement of Printer cum xerox machine and accessories * 100000.000 = 100000.000 89.000 Formation of Transect lines, 8 day protocol expenditure at out side Tiger bearing areas * 20000.000 = 1780000.000	25000.000 50000.000 70000.000 100000.000 20000.000	25.40		GPS are required for the field staff for ascertaining location. The total requirement is 80. 10 are available in this unit. Remaining are proposed in phased manner annually. Hence proposal is for 10 Nos. 4 cameras are required for monitoring the overall activities in this division to cover 3 Ranges and for Deputy Director. For Monitoring of phase IV exercise including preparation of copies etc., from head office and Range offices computers are required One for Deputy Director Masinagudi Division for office works is required. Out side Tiger bearing area, as per NTCA guidelines transect lines have to be formed for All India Tiger Estimation, 8 day protocol which will be carried out and as per calculation, minimum @ Rs. 20,000/- par line including clearing line,, providing ration for 8 days and other logistic support will be needed
Addressing man animal conflict	Buffer Area: Deployment traps, cages to catch problematic animals.	16.4.1.3	11.6	0.50	1.00	1.000 Procurement of Rescue operation kits and accessories for treating wild animals * 100000.000 = 100000.000	100000.000	1.00		To address an effective rescue operation kits including accessories are essential on annual basis in caring the wild animals.
Addressing man animal conflict	Buffer Area: Payment of compensation for cattle lifting, death of human beings and crop predation* due to wild animals.	16.4.1.1	5.4	0.0	2.00	1.000 Payment of compensation for crop depredation, injury or loss of human life due to wild animals * 100000.000 = 100000.000 1.000 Payment of compensation for crop depredation, injury or loss of human life due to wild animals * 100000.000 = 100000.000	100000.000 100000.000	2.00		For timely compensation of the loss incurred on depredation caused by wild animals provision is required. For timely compensation of the loss incurred on depredation caused by wild animals provision is required for Ooty Division
Staff welfare	Buffer Area: Provision for	16.16	11.4	0.0	70.00	70.000 Providing ration allowance to staff in	10320.000	7.22		As per Govt. of India Ministry of Environment Forest and Climate

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	ration allowance to field staff					Mudumalai Tiger Reserve * 10320.000 = 722400.000				change (NTCA) notification No.15-31/2012-NTCA, dt.06-06-2014 (NTCA Ref.No.12-7/2010, dt.31-07-2014) ration allowance is sanctioned to Forester, Forest Guards and below, working on regular payrolls at field level in Tiger Reserves @ Rs.860/- per month as approved by Government of India.
Staff welfare	Buffer Area: Supply of mosquito net/ field kit	16.16	11.4	0.0	80.00	80.000 Provision of Torches, Medical kit, Uniform, rain coat, hunter shoes etc., for regular staff etc., * 5000.000 = 400000.000	5000.000	4.00		This provision to the regular staff would be a morale-booster for them for efficient working in remote forest area and taking-up effective patrol work. Items like Torches, Medical kit, Uniform, rain coat, hunter shoes etc., will be procured.
Anti-Poaching	Core Area: Establishing and maintenance of existing patrolling camps/chowkis and deployment of camp labourers for patrolling.	16.1.3	4.1	0.0	1.00	1.000 Strengthening Anti-poaching camp with cooking facilities including kitchen shed etc., * 250000.000 = 250000.000	250000.000	2.50		There are 15 Anti-poaching camps available. At present a Temporary tin sheet open shed is used for cooking purpose. It is proposed to improve one camp with brick side wall and roof covering with pre-coated GI sheet including inner facilities for purpose of cooking with a size of 3 mtr x 3mtr and to encourage the watchers in efficient working.
Anti-Poaching	Core Area: Procurement of field gear, night vision device etc	16.1.15	4.1	0.0	140.00	75.000 Supply of field uniform and shoes to anti-poaching watchers * 5000.000 = 375000.000 65.000 Supply of field uniform and shoes to anti-poaching watchers * 5000.000 = 325000.000	5000.000 5000.000	7.00		There are 75 APW's engaged as per sanction accorded by the Govt. For effective perambulation and safety of APWs uniform sets and shoes are required to be supplied to the APW's and to ensure their efficient working conditions. It is proposed to engage 5 APW's for each camp for 13 camps to be engaged. for effective perambulation and safety of APWs uniform sets and shoes are required to be supplied to the APW's and to ensure their efficient working conditions for Masinagudi Division.
Anti-Poaching	Core Area: Providing support to tiger reserves for raising, arming and deploying Special Tiger Protection Force (STPF).	16.1.1	10.2	14.58	3.00	2.000 Deployment of Tiger Protection Force (antipoaching squad) * 649872.000 = 1299744.000 1.000 Deployment of Tiger Protection Force (antipoaching squad) * 649872.000 = 649872.000	649872.000 649872.000	19.50		This squad is an essential part of anti-poaching operations with an element of surprise. They are deployed in vulnerable locations based on intelligence gathered/ received. 2 squads involving 6 watchers each @ Rs. 9026 per month based on minimum wages act for 12 months. This squad is an essential part of anti-poaching operations with an element of surprise. They are deployed in vulnerable locations based on intelligence gathered/ received. 1 squad involving 6 watchers @ Rs. 9026 per month based on minimum wages act for 12 months for MTR, Masinagudi Division
Addressing man animal conflict	Core Area: Creation of crop protection structures. (Solar Power Fence, Chain-Link Fence, Nylonforce)	16.4.1.2	5.4	16.2	20.00	10.000 Engaging anti-depredation watchers to drive wild animals from Agri land. * 108312.000 = 1083120.000 10.000 Engaging anti-depredation watchers to drive wild animals from Agri land. * 108312.000 = 1083120.000	108312.000 108312.000	21.66		Towards effective control of Man-animal conflict especially in south western side of MTR ie in Gudalur Forest Division where man-animal conflicts happen. Watchers are deployed to drive the wild animals from human habitation and agri lands. Hence this provision is made. Towards effective control of Man-animal conflict especially in south western side of MTR ie in Gudalur Forest Division where man-animal conflicts happen. Watchers are deployed to drive the wild animals from human habitation and agri lands. Hence this provision is made for Masinagudi Division
Research and field equipment	Core Area: Day to day monitoring of wild animals	16.7	9.2	28.7	151.00	1.000 Conducting tiger monitoring as per Phase IV protocol such as Logistics, Data Entry Operators, Biologist,	1450000.000 22000.000	47.50		Monitoring is the most important annual exercise of Protocols of Phase IV. Monitoring has to continue by deploying camera traps, collecting images from the entire core area.

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						Consumables etc., * 1450000.000 1450000.000 150.000 Procurement of Camera trap * 22000.000 3300000.000				conducting prey-base survey(both pre-monsoon and post-monsoon), analysing data, including logistics / cost of transport / fuel, training, engaging personels like Data entry operators and other consumables, software update,etc. one Biologist @ Rs.24,000/- each per month as per JRF scale and One data Entry Operator @ Rs.580/- along with 10% escalation per day will engaged Monitoring is the most important annual exercise. Protocols of Phase IV monitoring has to continue by deploying camera traps, collecting images from the entire core area, conducting prey-base survey(both pre-monsoon and post-monsoon). As per NTCA instruction 236 Nos grids need to be provided. More than 400 camera traps are required to cover the entire Tiger Reserve at a time. At present 186 camera traps are avialble for utilisation. Now 150 cameras is proposed . The cameras will be monitored by Phse-IV Monitoring centre at Theppakkadu for both Ooty & Masinagudi Division.
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	8.5	11.0	2.00	1.000 Project allowance as per the guidelines of CSS-PT pay for all employees of staff permitted by GOI. * 700000.000 = 700000.000 1.000 Project allowance as per the guidelines of CSS-PT pay for all employees of staff permitted by GOI. * 400000.000 = 400000.000	700000.000 400000.000	11.00		Project allowance to the officers and staff from 1.4.2007 at the approved rate by NTCA @ Rs.2000/- for Field Director, Rs1500/- for Deputy Director, Rs.1000/- for Range officers and FVAS, Rs.900/- for Foresters, Rs.700/- for Forest Guards, Forest Watchers, drivers, Elephant men, Rs.1000/- for Ministerial staff Class II, Rs.700- for Ministerial staff Class III and Rs.400/- for Class IV staff and other support staff are being paid as per NTCA guide lines Project allowance to the officers and staff from 1.4.2007 at the approved rate by NTCA @ Rs.2000/- for Field Director, Rs1500/- for Deputy Director, Rs.1000/- for Range officers and FVAS, Rs.900/- for Foresters, Rs.700/- for Forest Guards, Forest Watchers, drivers, Elephant men, Rs.1000/- for Ministerial staff Class II, Rs.700- for Ministerial staff Class III and Rs.400/- for Class IV staff and other support staff are being paid as per NTCA guide lines
Staff welfare	Core Area: Provision for ration allowance to field staff	16.16	8.5	11.87	90.00	90.000 Providing ration allowance to staff in Mudumalai Tiger Reserve * 10320.000 = 928800.000	10320.000	9.29		As per Govt. of India Ministry of Environment Forest and Climate change (NTCA) notification No.15-31/2012-NTCA, dt.06-06-2014 (NTCA Ref.No.12-7/2010, dt.31-07-2014) ration allowance is sanctioned to Forester, Forest Guards and below, working on regular payrolls at field level in Tiger Reserves @ Rs.860/- per month as approved by Government of India.
Staff welfare	Core Area: Supply of field kit	16.16	8.5	9.0	130.00	130.000 Provision of Torches, Medical kit, Uniform, rain coat, hunter shoes etc., for regular staff etc., * 5000.000 = 650000.000	5000.000	6.50		This provision to the regular staff would be a morale-booster for them for efficient working in remote forest area and taking-up effective patrol work. Items like Torches, Medical kit, Uniform, rain coat, hunter shoes etc., will be procured.
Staff welfare	Core Area: Supply of medicine	16.16	8.5	1.0	2.00	1.000 Conducting medical screening camps and taking up further treatment for the subordinates 100000.000 100000.000 1.000 Conducting	100000.000 100000.000	2.00		To monitor the health status of subordinates and follow-up on treatment which would result in improved work efficiency. A centralised camp will be conducted for all staff. To monitor the health status of

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						medical screening camps and taking up further treatment for the subordinates * 100000.000 = 100000.000				subordinates and follow-up on treatment which would result in improved work efficiency. A centralised camp will be conducted for all staff for Masinagudi Division
	Total (Non-Recurring):								173.07	

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 wireless network.	16.2.3	13.5	0.0	1.00	1.000 Procurement of wireless equipments such as base sets, walkie talkies, batteries, antenna etc., * 100000.000 = 100000.000	100000.000	1.00 lks		Communication infrastructure is needed especially in anti-poaching camps for continuous and seamless functioning, which is the life-line of tiger protection operations in this divisions. Wireless base sets for each Range office, for vehicles and walkie talkies for subordinates are required.
Anti-Poaching	Buffer Area: Deployment of local work force for patrolling, surveillance of water holes, manning barriers.	16.1.9	13.2	0.0	45.00	1.000 Establishment of Highway patrolling squads the help of local people * 420000.000 = 420000.000 40.000 Engaging Anti-poaching watchers * 120000.000 = 4800000.000 4.000 Annual maintenance of anti-poaching camp buildings including minor repairs. * 50000.000 = 200000.000	420000.000 120000.000 50000.000	54.20		To undertake patrol along the NH and state Highways passing through the Tiger Reserve area and to prevent incidents of poaching, littering, feeding wild animals, etc., one temporary driver and three patrolling watchers form the squad for Masinagudi Division Anti-poaching watchers are engaged predominantly from tribal communities, who are the mainstay behind successful protection status of MTR. To maintain the building for its durability and clean environment annual maintenance such as white washing colour washing and minor repairs are essential.
Anti-Poaching	Buffer Area: Ensuring special site specific protection measures during monsoon as Operation Monsoon-considering the terrain and accessibility of Protected Areas.	16.1.7	13.2	0.0	800.00	800.000 Engaging trackers / watchers for monsoon patrolling, elephant patrolling in vulnerable areas * 361.000 = 288800.000	361.000	2.89		During monsoon patrolling, elephant patrolling additional labors are required to assist front line staff and Anti-poaching watchers.
Anti-Poaching	Buffer Area: Maintenance of field gear, night vision device.	16.1.15	13.2	0.0	28.00	13.000 Equipping Antipoaching camps by providing ruck sacks, powerful torches, chargers, cots etc., * 10000.000 = 130000.000 15.000 Equipping Antipoaching camps by providing ruck sacks, powerful torches, chargers, cots etc., * 10000.000 = 150000.000	10000.000 10000.000	2.80		Anti-poaching camps are to be well equipped with minimum requirement. Hence the provision is made annually as required. Anti-poaching camps are to be well equipped with minimum requirement. Hence the provision is made annually as required for Ooty Division
Strengthening	Buffer Area: Maintenance of Computers Accessories.	16.2.10	3.6	0.0	6.00	1.000 Maintenance of office equipments like Computer, Xerox Machine, Printer, UPS and other equipment etc., * 100000.000 = 100000.000	100000.000 235920.000	12.80		Maintenance of office equipment are required for proper functioning and reporting Since the system of work depends on Computers, Computer operators are required for entry of data on day to day

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						5.000 Maintenance of hardware & software by Engaging computer operators. * 235920.000 = 1179600.000				activites including monitoring, office correspondence, including pay bills and bill payment of Treasury mode, filing online APO, online monitoring of Forest guidelines and other online works etc., due to acute dearth of permanent office staff in the following offices for Masinagudi Division 1) Deputy Director, Masinagudi - 2 2) Masinagudi Range - 1 3) Segur Range - 1 4) Singara- 1
Strengthening	Buffer Area: Maintenance of Forest Guard Quarters.	16.2.1	7.2	0.0	1.00	1.000 Improvements and maintenance to Staff quarters * 500000.000 = 500000.000	500000.000	5.00	N1 1.56868 E 76.63931	Buildings for housing the subordinates are pretty old and need upgradation for their upkeep. The works include renewal of damaged roofing floors with tiling, upgrading bathroom and toilet facilities, re-arrangement electricals, repairs to joineries and other minor repairs to the structures including painting the buildings etc., the amount has been provided on average to have flexibility to the actual estimate cost.
Strengthening	Buffer Area: Maintenance of Foresters Quarters	16.2.1	7.2	0.0	1.00	1.000 Improvements and maintenance to Staff quarters * 200000.000 = 200000.000	200000.000	2.00	N 11.53080 E 76.70412	Buildings for housing the subordinates are pretty old and need upgradation for their upkeep. The works include renewal of damaged roofing floors with tiling, upgrading bathroom and toilet facilities, re-arrangement electricals, repairs to joineries and other minor repairs to the structures including painting the buildings etc., the amount has been provided on average to have flexibility to the actual estimate cost.
Strengthening	Buffer Area: Maintenance of Gate/ Check-posts.	16.2.1	3.6	0.0	1.00	1.000 Providing drinking water facilities to check post. * 100000.000 = 100000.000	100000.000	1.00	N 11.57040 E 76.63042	One check post and one AP camp is proposed for providing this facility as per requirement.
Strengthening	Buffer Area: Maintenance of Range Office	16.2.1	7.2	0.0	1.00	1.000 Improvement and maintenance of non residential buildings. * 400000.000 = 400000.000	400000.000	4.00	N 11.56826 E 76.63815	The existing Range office cum residence for Masinagudi Range is now been used only as Range Office after a separate building has been constructed for residence. Hence alternation and improvement works are required to be carried out for office building. Proposal is also included for Singara Range Office. Hence the provision.
Strengthening	Buffer Area: Maintenance of vehicles (Gypsy, Jeep, Truck, Tractor, staff car etc.).	16.2.8	14.2	0.0	2.00	1.000 Maintenance of vehicles including lubricants * 250000.000 = 250000.000 1.000 Additional diesel for the vehicles * 300000.000 = 300000.000	250000.000 300000.000	5.50		Needed to keep vehicles in good shape and condition for efficient transport Additional fuel is required to patrol vulnerable areas more frequently to monitor fire incidents. Private vehicles in addition to dept. vehicles would also be engaged as and when situation arise for Masinagudi Division
Strengthening	Buffer Area: Maintenance of wireless tower.	16.2.3	7.2	0.0	1.00	1.000 Strengthening of Watch Tower for monitoring of fire and other illegal activities * 50000.000 = 50000.000	50000.000	0.50		The watch towers established for monitoring for fire and other illegal activities have to be maintained appropriately for continuous effective operation. The work such as painting of structures, including minor repairs, maintenance of EPT and other equipment / accessories etc. One number is included in this proposal.
Strengthening	Buffer Area: Procurement of compass, range finder, Global Positioning System (GPS), camera traps.	16.2.11	12.3	0.0	150.00	150.000 Procurement of Camera Trap * 22000.000 = 3300000.000	22000.000	33.00		Conducting All India Tiger Estimation 2018 at outside Tiger Reserve areas (Gudalur, Nilgiri and Coimbatore Divisions) . Totally 600 camera traps are required, at present 150 camera traps are proposed
Tiger Safari	Buffer Area: Establishment of Tiger Safari, interpretation and	16.21	7.2	0.0	8.00	6.000 Engaging Eco-sanitary watchers *	108312.000	8.00		To maintain eco-friendly nature of the area in tourism zone by cleaning the area, especially along highways, to remove litter and plastics and also to

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	awareness centers under the existing component of co-occurrence agenda in buffer and fringe areas					108312.000 = 649872.000 1.000 Renewal / maintenance of awareness boards/publicity materials in tourism zone. * 50000.000 = 50000.000 1.000 For conducting eco-awareness camps * 100000.000 = 100000.000	50000.000 100000.000			create awareness about wildlife and nature among tourists, in the following Ranges. 1) Masinagudi -3, 2) Singara - 1 3) Segur - 1, 4) NES - 1 Roads such as Highways, Major District roads are passing through Mudumalai Tiger Reserve. Further Elephant camp is situated at Theppakkadu. Visitors / public including local people, people from other parts of country as well as foreigners etc., are visiting in huge nos. Therefore to create awareness on conservation / caution messages among the visitors the existing boards need to be maintained appropriately with renewal, re-painting etc., To create awareness among students and public this annual program is conducted for students and conservationists and people in various activities remuneration
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	11.4	0.0	3.00	3.000 Conducting medical camps in the fringe villages. * 15000.000 = 45000.000	15000.000	0.45		To enlist support of local people in wildlife management it is essential to conduct these medical camps, and give free treatment in our dispensary. 1) Masinagudi, 2) Anaikatty 3) Vazhalthottam
Habitat Improvement	Buffer Area: Lantana / Weed / Brush Wood mapping	16.3	7.2	0.0	30.00	20.000 Management of Vayals for restoring grass lands and augmentation of water etc. by fresh removal of exotic weeds * 36100.000 = 72200.000 10.000 Maintenance of habitat by continuous removal / working of exotic weeds working including removing remnant and new recruits of weeds like Lantana etc * 12635.000 = 126350.000	36100.000 12635.000	8.48		Removal of exotic weeds in vayal area to create water resource for herbivores and carnivores. (FSL was approved in PCCF. Ref.No. TS1/30403/2013, dt.21-10-2014 with 10% escalation for Masinagudi Division for vayals available in Northern hay at Naickenpatti. Exotic weeds like Lantana were removed during the previous year under various schemes and need these to be continuously worked for three subsequent years for effective removal of weeds (FSL was approved in PCCF. Ref.No. TS1/ 30403/ 2013, dt.21.10.2014 @ 10% escalation, the proposed location of work has been uploaded in the above component
Anti-Poaching	Core Area: Deployment of anti-poaching squads.	16.1.2	10.3	76.95	75.00	75.000 Engaging Anti-poaching watchers * 120000.000 = 9000000.000	120000.000	90.00		Anti-poaching watchers are engaged predominantly from tribal communities, who are the mainstay behind successful protection status of MTR.
Anti-Poaching	Core Area: Deployment of camp labourers for patrolling.	16.1.3	10.3	7.2	1.00	1.000 Establishment of Highway patrolling squads the help of local people * 420000.000 = 420000.000	420000.000	4.20		To undertake patrol along the NH and state Highways passing through the Tiger Reserve area and to prevent incidents of poaching, littering, feeding wild animals, etc., one temporary driver and three patrolling watchers form the squad.
Anti-Poaching	Core Area: Maintenance of vehicles, boats	16.1.14	11.3	3.0	2.00	1.000 Additional diesel for the vehicles * 200000.000 = 200000.000 1.000 Maintenance of vehicles (jeep, lorry) including lubricants * 250000.000 = 250000.000	200000.000 250000.000	4.50		Additional fuel is required to patrol vulnerable areas more frequently to monitor fire incidents. Private vehicles in addition to dept. vehicles would also be engaged as and when situation arise Needed to keep vehicles in good shape and condition for efficient transport
Anti-Poaching	Core Area: Procurement/Mai	16.1.11	12.2	0.0	545.00	545.000 Provision of LPG for elephant camps *	1350.000	7.36		In order to maintain the captive Elephants (for about 22 elephants) on

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	aintenance of elephants squads					1350.000 = 735750.000				an average 1.5 LPG cylinders (commercial) would be consumed per day.
Anti-Poaching	Core Area: Rewards to informers.	16.1.12	10.5	0.25	2.00	1.000 Secret service fund and rewards for all category of staff and incentives for gathering intelligence (logistics for gathering information and rewards to informants * 30000.000 = 30000.000 1.000 Secret service fund and rewards for all category of staff and incentives for gathering intelligence (logistics for gathering information and rewards to informants * 50000.000 = 50000.000	30000.000 50000.000	0.80		Gathering intelligence through surveillance of suspects and vulnerable locations is essential Gathering intelligence through surveillance of suspects and vulnerable locations is essential for Masinagudi Division
Strengthening	Core Area: Maintenance of FD Office	16.2.1	4.7	7.01	3.00	1.000 Cost of office stationeries in the office of Field Director and preparation / printing of draft Tiger Conservation Plan for the period from 2017-2018 to 2021-2022 * 200000.000 = 200000.000 2.000 Engaging Receptionist * 235920.000 = 471840.000	200000.000 235920.000	6.72		Additional office stationeries are required for preparation of returns, reports, plans, etc., to be sent to the NTCA. Further the final printing of required copies of Tiger Conservation Plan for further period of 5 years from 2018-19 to 2021-22 for Mudumalai Tiger Reserve will be done. Hence provision is also made for this. To attend need of visitors for advance reservation as well as current reservation and to provide appropriate guidance to visitors, assisting the Office in charge in Ooty Reception Range and Theppakkadu Reception Center Receptionists are required.
Strengthening	Core Area: Maintenance of fire lines and firebreaks.	16.2.6	10.4	71.24	720.00	60.000 Engaging fire watchers * 2166240.000 = 2166240.000 60.000 Engaging fire watchers * 2166240.000 = 2166240.000 300.000 Annual maintenance of firelines including block line state boundry and animal paths * 10830.000 = 3249000.000 300.000 Annual maintenance of firelines including block line state boundry and animal paths * 10830.000 = 3249000.000	36104.000 36104.000 10830.000 10830.000	108.30	Jaldhari Road 11.642814 76.513401 11.626374 76.438010 Game Hut to Gugula Narathi Road 11.606893 76.509147 11.616995 76.441439 Search road 11.582704 76.45548 11.602908 76.475931 Game hut to boligudda road 11.606893 76.509147 11.64275 76.513382 Lower kargudi to game hut road 11.573477 76.557037 11.64275 76.513382 Upper Kargudi to VIP Rest house road 11.572812 76.547413 11.575427 76.548147 Mandakarai Road 11.599299 76.504099 11.59898 76.504179	To perambulate vulnerable areas and to bolster fire-fighting operations fire watchers are engaged during fire-season for 4 months from November to April To perambulate vulnerable areas and to bolster fire-fighting operations fire watchers are engaged during fire-season for 4 months from November to April for newly formed Masinagudi Division Maintenance of fire lines is an essential work to avoid spread of fires in existing fire lines. The existing network of fire lines at a width of minimum 6 mts. will be cleared and scrapped as a barrier for fire for Masinagudi Division Maintenance of fire lines is an essential work to avoid spread of fires in existing fire lines. The existing network of fire lines at a width of minimum 6 mts. will be cleared and scrapped as a barrier for fire

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								<p>Bospara to kapur Road 4.49 km 11.575 76.478222 11.608245 76.484927</p> <p>Interstate Boundary 11.635817 76.434149 11.666211 76.459224</p> <p>Division Boundary 11.566228 76.502209 11.580169 76.442417</p> <p>Chikkallah to uppupallam - Tri-junction 11.66446 76.432743 11.653233 76.513858</p> <p>Pattavayal - Mayfield (Division Boundary) N 11.59219 E076.358890 N 11.58006 E076.442650</p> <p>Mayfield - Jarthibetta (Block line) N 11.58006 E076.442650 N 11.63531 E076.433950</p> <p>Chain gate - muthanthodu (Both side of camp approaching road) N 11.57549 E076.389270 N 11.63439 E076.406690</p> <p>Gamehut to Chikkallah bridge one side 11.60814 76.51107 11.67347 76.51237</p> <p>Chikkallah to Neeralla Camp both side (2 side x 6 K m) 11.673743 76.51237 11.68527 76.51108</p> <p>Sand road link road junction to boligutta junction (2 side x 6 Km) 11.58022 76.58333 11.63873 76.52312</p>
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								<p>Neerallah shed to Karbai shed (2 side x 3 Km) 11.68527 76.51108 11.68560 76.50938</p> <p>Neerallah shed to Uppujodipallam (2 side x 6.5 Km) 11.573477 76.557037 11.654219 76.513576</p> <p>Circular road (2 side x 8.3 Km) 11.59883 76.58402 11.59892 76.58387</p> <p>Kakkanallah to Mudumalai road (2 side x 3 Km) 11.60929 76.58365 11.60810 76.51036</p> <p>Buffer zone Jagalikkadavu junction to Chemmanatham. N 11.52956 E 76.53202</p> <p>N 11.56580 E 76.68699</p> <p>MayilarapattitoAsuramattam N 11.53973 E 76.74460</p> <p>N 11.59148 E 76.80707</p> <p>Vazhalthottamchackpost to Siriyur. N 11.53075 E 76.70351</p> <p>N 11.53570 E 76.80574</p> <p>MasinaguditoTheppakkaduRoad N 11.57989 E 76.58411 N 11.57044 E 76.63172</p> <p>Mandradiayar road N 11.57901 E 76.59214 N 11.57008 E 76.62716</p> <p>Kootruparai view point road N 11.60502 E 76.61984 N 11.57600 E 76.63556</p> <p>Kovilpallam N 11.59063 E 76.63049 N 11.58303</p>
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									E 076 .697380 N 11. 502940 E 076 .690910 Segur bridge to Mavanalial N 11. 510350 E 076 .697360 N 11. 545480 E 076.679150	
Strengthening	Core Area: Maintenance of fire watch tower.	16.2.4	10.5	1.0	2.00	1.000 Maintenance of fire control room including provision of water, communication charges, energy food etc. * 200000.000 = 200000.000 1.000 Strengthening of Watch Tower at cross cut road in Kargudi Range for monitoring of fire and other illegal activities * 50000.000 = 50000.000	200000.000 50000.000	2.50	N 11.49666 E 76.68947	Essential to run a centralized control room to monitor protection status undertake immediate response/ providing required assistance on crisis situation The watch towers established for monitoring for fire and other illegal activities have to be maintained appropriately for continuous effective operation. The work such as painting of structures, including minor repairs, maintenance of EPT and other equipment / accessories etc., One number is included in this proposal.
Strengthening	Core Area: Maintenance of Forest Guard Quarters.	16.2.1	8.5	2.0	1.00	1.000 Improvements and maintenance to Staff quarters * 450000.000 = 450000.000	450000.000	4.50	1) Range Officer quarters at Upper Kargudi in Mudumalai Range. N 11.570408 E 76.544751 2) Benne beat combined quarters for Forest guard and watchers in Nellakottai Range N 11.56333 E 76.37957 3) Subordinate line near Sylvan lodge in Theppakkadu Range. N 11.57975 E 76.58479	Buildings for housing the subordinates are pretty old and need upgradation for their upkeep. The works include renewal of damaged roofing floors with tiling, upgrading bathroom and toilet facilities, re-arrangement electricals, repairs to joineries and other minor repairs to the structures including painting the buildings etc., the amount has been provided on average to have flexibility to the actual estimate cost.
Strengthening	Core Area: Maintenance of Foresters Quarters	16.2.1	8.5	0.0	1.00	1.000 Improvements and maintenance to Staff quarters * 150000.000 = 150000.000	150000.000	1.50	N 11.53411 E 76.52473	Buildings for housing the subordinates are pretty old and need upgradation for their upkeep. The works include renewal of damaged roofing floors with tiling, upgrading bathroom and toilet facilities, re-arrangement electricals, repairs to joineries and other minor repairs to the structures including painting the buildings etc., the amount has been provided on average to have flexibility to the actual estimate cost.
Strengthening	Core Area: Maintenance of Hardware.	16.2.10	4.7	17.53	8.00	1.000 Maintenance of office equipments like Computer, Xerox Machine, Printer, UPS and other equipments etc., * 200000.000 = 200000.000 7.000 Maintenance of hard ware & software by Engaging computer operators. * 235920.000 = 1651440.000	200000.000 235920.000	18.51		Maintenance of office equipment are required for proper functioning and reporting Since the system of work depends on Computers, Computer operators are required for entry of data on day to day activities including monitoring, office correspondence, including pay bills and bill payment of Treasury mode, filing online APO, online monitoring of Forest guidelines and other online works etc., due to acute dearth of permanent office staff in the following offices. 1) CCF & FD Office 2 Nos. 2) Mudumalai Range - 1 No. 3) 4) Kargudi Range - 1 No. 4) Theppakkadu Range - 1 No. 5)

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												Nellakottai Range - 1 No. 6) Mukurthi Range - 1 No. The unit rate is based on last year District Collectorate rate with 10% escalation.
Strengthening	Core Area: Maintenance of kuccha roads	16.2.2	10.3	51.0	4.00	2.000 Maintenance of fair weather roads including repairing of bridges, culverts and reformation of side drains in tourism zone etc * 2000000.000 = 4000000.000 2.000 Maintenance of fair weather roads leading to anti-poaching camps including reformation of side drains * 2000000.000 = 4000000.000	2000000.000 2000000.000	80.00	1) Theppakkadu Mudumalai Road in Kargudi Range. N 11.58208 E 76.58023 N 11.58257 E 76.57186 2) Kakkannallah Mudumalai Road the Theppakkadu Range N 11.61584 E 76.55156 N 11.61394 E 76.56536 3) Mudumalai Doddagatti road N 11.598747 E 76.527621 N 11.60838 E 76.51220 4) Mukkatti Benne road N 11.597527 E 76.398914 N 11.586079 E 76.396610	A network of roads across the length and breadth of the Reserve is more than 300 km for protection purpose and tourism. These roads are maintained as Fair-weather roads with WBM layers, side drain including repairs to small bridges and causeway etc., for faster movement. The maintenance of roads is vital for tourism as well as protection purpose. The road work will be carried out on priority of damage within tourism zone This component is proposed especially for maintenance for fair weather road to access the anti-poaching camps Many patches are to be filled with WBM layers for making motorable condition including reformation of side drain etc., for protection purpose. The necessity of repair was appraised to the Inspector General of Forests, NTCA, Bangalore during his field visit in June 2017. Hence this proposal is made.		
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	11.4	2.0	4.00	3.000 Conducting medical camps in the fringe villages. * 15000.000 = 45000.000 1.000 For conducting eco-awareness camps * 100000.000 = 100000.000	15000.000 100000.000	1.45		To enlist support of local people in wildlife management it is essential to conduct these medical camps, and give free treatment in our dispensary. 1) Mudumalai, 2) Theppakkadu 3) Nellakottai To create awareness among students and public this annual program is conducted for students and conservationists and people in various activities remuneration		
Mainstreaming wildlife concerns	Core Area: Monitoring of wild animals.	16.10.1.3	9.3	1.0	3.00	1.000 Immunization of domestic animals in the villages * 100000.000 = 100000.000 1.000 Immunization of domestic animals in the villages * 100000.000 = 100000.000 1.000 Rescue Operation, including Elephant driving operation in the fringes. * 300000.000 = 300000.000	100000.000 100000.000 300000.000	5.00 lakhs		To carry out immunization work in fringe villages to avoid spread of diseases from domestic cattle to wild animals To carry out immunization work in fringe villages to avoid spread of diseases from domestic cattle to wild animals for Masinagudi Division Though man animal conflicts are occasional in and around Mudumalai Tiger Reserve, the issue need to be addressed immediately. To carry out antidepredation measure on arise of such occasion kumkies have to be deployed along with labour, equipment, etc., for transport of Kumkies and logistic to be provided. Hence this provided is made.		
Staff Development	Core Area: Capacity building and training.	16.8.1	8.4	2.0	3.00	1.000 Conducting training in various aspects to the staff with the help of specialised personnel / institution * 100000.000 = 100000.000 1.000 Study tour to other Tiger Reserves to get exposure to good practices in tiger conservation * 100000.000 = 100000.000 1.000 Study tour to other Tiger Reserves to get exposure to good practices in tiger conservation * 100000.000 = 100000.000	100000.000 100000.000 100000.000	3.00		During 2015-16 Advance Wildlife Management Training Centre has been developed in elephant camp at Theppakkadu, Mudumalai Tiger Reserve with the assistance of State fund. This Centre has been exclusively formed for giving various training including Wildlife Management training and skill development to local staff and also staff from other parts of state etc., Needed to absorb new initiatives from practices in other tiger reserves for further development of the reserve. Needed to absorb new initiatives from practices in other tiger reserves for further development of the reserve for		

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										Masinagudi Division
Habitat Improvement	Core Area: Grass land improvement, wetland improvement	16.3	9.3	17.6	60.00	60.000 Management of Vayals for restoring grass lands and augmentation of water etc. by fresh removal of exotic weeds. * 36100.000 = 2165000.000	36100.000	21.66		Removal of exotic weeds in vayal area to create water resource for herbivores and carnivores. (FSL was approved in PCCF. Ref.No. TS1/30403/2013, dt.21-10-2014 with 10% escalation)
Habitat Improvement	Core Area: Water retention structures	16.3	7.2	2.88	2.00	1.000 Supply water to wildlife in trough during pinch period * 240000.000 = 240000.000 1.000 Supply water to wildlife in trough during pinch period * 240000.000 = 240000.000	240000.000 240000.000	4.80		MTR is prone for dryness due to nature of forest that is dry deciduous. In absence of sufficient rain fall, the water becomes scarce for the wildlife during pinch period. Therefore to cater wildlife water is poured in water troughs created for the purpose by transporting and filling of water to the troughs created for the purpose through private trucks due to failure of both Southeast and Northwest monsoons will have an impact. About 200 trips @ 1200 liters per trip during dry season from November to March. @ Rs. 1200/- per trip. MTR is prone for dryness due to nature of forest that is dry deciduous. In absence of sufficient rain fall, the water becomes scarce for the wildlife during pinch period. Therefore to cater wildlife water is poured in water troughs created for the purpose by transporting and filling of water to the troughs created for the purpose through private trucks due to failure of both Southeast and Northwest monsoons will have an impact. About 200 trips @ 1200 liters per trip during dry season from November to March. @ Rs. 1200/- per trip for Masinagudi Division
Habitat Improvement	Core Area: Weed eradication	16.3	9.3	47.52	160.00	80.000 Maintenance of habitat by continuous removal / working of exotic weeds working including removing remnant and new recruits of weeds like Lantana etc * 12635.000 = 1010800.000 80.000 Fresh removal of invasive species like Lantana, Tithonium etc * 36100.000 = 2888000.000	12635.000 36100.000	38.99		Exotic weeds like Lantana were removed during the previous year under various schemes and need these to be continuously worked for three subsequent years for effective removal of weeds (FSL was approved in PCCF. Ref.No. TS1/ 30403/ 2013, dt.21.10.2014 @ 10% escalation Removal of exotic weeds like Lantana is aimed at not only creating pasture lands distributed all over the Reserve for even distribution of prey animals but also serve as major fore breaks and create corridors for dispersal of animals and additional patrol paths with respect to carrying capacity in approved Tiger Conservation Plan. FSL was approved in PCCF Ref. No. TS1/30403/2013 dated 21.1.2014 with 10% escalation
Co-occurrence agenda in buffer	Core Area: Co-occurrence agenda in buffer and fringe areas (landscape approach, sectoral integration, ecologically sustainable development programmed, livelihood options and eco-tourism) (new activity in case of tiger reserves where buffer has not been notified so far).	16.5	7.2	15.55	15.00	6.000 Engaging Eco-sanitary watchers * 108312.000 = 649872.000 5.000 Engaging Eco-guides * 108312.000 = 541560.000 649872.000 1.000 Engaging educated youth in interpretation center * 235920.000 = 235920.000 1.000 Renewal / maintenance of awareness boards/publicity materials in tourism zone. * 50000.000 = 50000.000 1.000 Procurement of tranquilizing equipment and medicines * 100000.000 = 100000.000	108312.000 108312.000 235920.000 50000.000 100000.000	16.86		To maintain eco-friendly nature of the area in tourism zone by cleaning the area, especially along highways, to remove litter and plastics and also to create awareness about wildlife and nature among tourists. In the following Ranges. 1) Theppakkadu Range - 3 Nos. 2) Kargudi Range - 3 Nos Create awareness about wildlife and nature among tourists. Theppakkadu Reception Center and Interpr Educated youth are to be engaged in the recently developed advance wildlife training center at Elephant camp, Theppakkadu and also in nature camp near by to educate visitors on displays and interactive modules regarding tiger and its habitat. Roads such as Highways, Major District roads are passing through Mudumalai Tiger Reserve. Further Elephant camp is situated at Theppakkadu. Visitors / public

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										including local people, people from other parts of country as well as foreigners etc., are visiting in huge nos. Therefore to create awareness on conservation / caution messages among the visitors the existing boards need to maintained appropriately with renewal, re-painting etc., Tranquilizing equipment, including medicines required is a sine qua non for management of departmental elephants and also marauding wild animals.
	Total (Recurring):							562.27		

(Rs. In lakhs)

S. No.	Items	Sanction	Central Assistance
1	Non-Recurring (60%)	173.07	103.84
2	Recurring (50%)	562.27	281.13
	Total	735.34	384.97

(Rs. In lakhs)

Cost of APO including State's share	A	735.34
Center's share in APO	B	384.97
1 st release @ 80% of Center's share	$C=0.8*B$	307.976
Less: Unspent balance FY 2017-18	D	2.397
Adjusted 1 st release	$E=C-D$	305.579
2 nd release @20% of Center's share	$F=0.2*B$	76.994

* 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.

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