

No. 4-1(27)/2018-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

B-1 Wing, 7th Floor,
Pt. Deendayal 'Antyodaya' Bhawan,
CGO Complex, Lodhi Road,
New Delhi-110003.
Email: aig3-ntca@nic.in
Tel (EPABX): 011-2436 7837-42
Fax: 011 - 2436 7836
Dated the 23rd July, 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 Pench Tiger Reserve, Maharashtra 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 Pench Tiger Reserve, Maharashtra at the cost of **Rs. 1325.37 Lakhs (Rupees One thousand Three hundred Twenty Five lakhs Thirty Seven thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 683.73 Lakhs (Rupees Six hundred Eighty Three lakhs Seventy Three thousand only)** being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India** and **Government of Maharashtra**. 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 Maharashtra.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 581.472 lakhs (Rupees Five hundred Eighty One lakhs Forty Seven thousand Two hundred only)** as the 1st installment of Central Share towards the Grants-in-aid to Government of Maharashtra 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 **Pench 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 Maharashtra** 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 **Pench 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 Maharashtra in respect of **Pench Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2019.
 - (x) **Pench 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 Maharashtra** 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 Maharashtra** to the **Govt. of India**.
 - (xiii) Government of Maharashtra in respect of **Pench 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 **Pench 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 (**Pench Tiger Reserve**) and **Government of Maharashtra**.
 - (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.

4. As the annual budget of the Scheme is approved by the Central Government, the Government of Maharashtra 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.

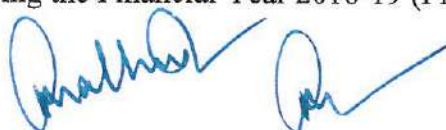
5. The payment sanctioned above is provisional and is subject to the adjustment on the basis of the audited figures of expenditure. Other terms and conditions of the payment are as under:

- (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 Maharashtra under intimation to this Department.

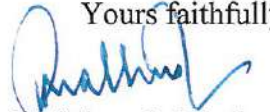
8. The expenditure incurred is adjustable to the Demand No. 27 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2018-19 (Plan):



Scheme	Budget Head	Amount (Rs. in lakhs)
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	527.177
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	37.934
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	16.361
Total		581.472

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 109637/AS&FA (PG) dated 16.7.2018.

Yours faithfully,



(Dr. Vaibhav C. Mathur)

Assistant Inspector General of Forests (PT)

Copy to:-

1. The Secretary (Forests), Govt. of Maharashtra. 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 Maharashtra.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Maharashtra.
4. The Field Director, Pench Tiger Reserve, Maharashtra.
5. The Accountant General, Maharashtra.
6. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
7. The AIG, NTCA Regional Office, Nagpur.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.




(Dr. Vaibhav C. Mathur)

Assistant Inspector General of Forests (PT)

PENCH TIGER RESERVE, MAHARASHTRA
ANNUAL PLAN OF OPERATION 2018-19

Non-Recurring (Core + Buffer)

Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY	Current Financial Year					
					No. of Items (Physical Target)	Sub-Item Details	Unit Price (Rs.)	Total (Financial Target) (Rs. In lakhs)	GPS	Justification
Anti-Poaching	Buffer Area: Creation of wireless tower.	16.2.3		0.0	55.00	35.000 Purchase of Batteries for base stations * 15000.000 = 525000.000 20.000 Purchase of walkie-talkie sets * 15000.000 = 300000.000	15000.000 15000.000	8.25	21.5267222, 79.20811 21.4526694, 79.302686 21.4916667 79.21475 21.4763778, 79.255508	Since there is no electricity to operate the wireless base stations, this is essential. Protection camps are deep inside the forest. Hence this is the only mode of communication. (35 nos. x 15,000/-) For Proper communication
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	7.2.2 (4)	0.0	1.00	1.000 Addressing man animal Procurement cages to catch problematic animals, Purchase of Medicine & Darts * 50000.000 = 50000.000	50000.000	0.50		Reducing man animal conflict Crop Protection from wild Animal
Staff welfare	Buffer Area: Provision for ration allowance to field staff	16.16		11.97	116.00	12.000 Provision for ration allowance to Forester - 12 * 10320.000 = 123840.000 80.000 Provision for ration allowance to Forest Guard - 80 * 10320.000 = 825600.000 24.000 Provision for ration allowance to Van Major - 24 * 10320.000 = 247680.000	10320.000 10320.000 10320.000	11.97		Since staff is stationed in buffer of tiger reserve 24x7, ration allowances for tiger reserve (860 x 12 x 12) Since staff is stationed in buffer of tiger reserve 24x7, ration allowances for tiger reserve (860 x 12 x 80) Since staff is stationed in buffer of tiger reserve 24x7, ration allowances for tiger reserve (860 x 12 x 24)
Staff welfare	Buffer Area: Supply of mosquito net/ field kit	16.16	7.2.2 (2)	0.0	27.00	17.000 Purchase of Field Kit * 50000.000 = 850000.000	50000.000	8.5		field kit are very much essential for effective patrolling in all seasons.
Eco-Development	Buffer Area: Basic health care/ Health Camps for Staffs.	16.16		0.0	51.00	25.000 Providing livelihood training to youths in EDC villages * 20000.000 = 500000.000 1.000 Establishing livelihood training facilities for young girls & women of EDC villages * 200000.000 = 200000.000	20000.000 200000.000	7.00		To reduce dependency on Pench Tiger Reserve and avoid man animal conflict. To work in hand with management and local administration and in turn benefit from growth of forest.
Eco-Development	Buffer Area: To carry out prophylactic immunization of cattle in and around Tiger Reserve.	16.10	7.3.4	0.0	1.00	1.000 Prophylactic immunization of cattle * 200000.000 = 200000.000	200000.000	2.00		To control the dissemination of cattle borne diseases in wildlife.
Anti-Poaching	Core Area: Organizing vehicular patrolling by constituting squads (Tiger Protection Force) comprising of field staff, laborers and police or SAF or ex-army personnel or home guards with wireless handset and paraphernalia for apprehending offenders, apart from prescribing a patrolling calendar for the squad.	16.1.4		0.0	31.00	8.000 Anti-poaching Activities Anti Electrocutation measures Training and Sensitization * 100000.000 = 800000.000 1.000 Anti-poaching Activities Anti Electrocutation measures Posters, Banners and Printing * 450000.000 = 450000.000 1.000 Anti-poaching Activities Anti Electrocutation measures Awards Rewards * 100000.000 = 100000.000 1.000 Anti-poaching Activities Anti Electrocutation measures Vehicles Supports (Hired) * 800000.000 = 800000.000 20.000 Anti-poaching Activities Anti Electrocutation measures Clearing for Patrolling Path under electric line * 40000.000 =	100000.000 450000.000 100000.000 800000.000 40000.000	29.50		The entire landscape is prone to serious threat of deaths due to electrocution. Needs concentrated efforts to tackle the problem. The entire landscape is prone to serious threat of deaths due to electrocution. Needs concentrated efforts to tackle the problem. The entire landscape is prone to serious threat of deaths due to electrocution. Needs concentrated efforts to tackle the problem. The entire landscape is prone to serious threat of deaths due to electrocution. Needs concentrated efforts to tackle the problem. The entire landscape is prone to serious threat of deaths due to electrocution. Needs concentrated efforts to tackle the problem. The entire landscape is prone to serious threat of deaths due to electrocution. Needs concentrated efforts to tackle the problem. (20 Km @ 40,000/-)

						800000.000				
Strengthening	Core Area: Maintenance of Range Office	16.2.1		0.0	1.00	1.000 Constuction of Range Forest Office in Comptt. No. 587 of Pench (Wildlife) Unified Control Range of Pench Tiger Reserve. * 1000000.000 = 1000000.000	1000000.000	10.00	21,542,2778, 79,005577	Additional Grant required due to increasing in Estimated Cost For office & administrative work related to tiger reserve.
Anti-Poaching	Core Area: Procurement of vehicles, boats etc	16.1.14		0.0	1.00	1.000 Purchase of Speed Boat for control of illegal fishing activity in Totaladoh Reservoir. (20 seater Speed Boat) * 5000000.000 = 5000000.000	5000000.000	50.00		The Totaladoh reservoir is prone to serious illegal fishing activities. Needs boats for over powering large number of fishermen / their boats
Anti-Poaching	Core Area: Providing support to tiger reserves for raising, arming and deploying Special Tiger Protection Force (STPF).	16.1.1	4.7	307.92	139.00	1.000 Salary of Special Tiger Protection Force ACF - 01 (Pay - 22050 + GP - 5000 and Allw = 53548) * 984000.000 = 984000.000 3.000 Salary of Special Tiger Protection Force RFO - 03 (Pay - 10900 + GP - 4400 and Allw = 31315) * 774000.000 = 2322000.000 81.000 Salary of Special Tiger Protection Force Forest Guard - 81 (Pay - 5400 + GP - 1800 and Allw = 14630) * 264000.000 = 21384000.000 27.000 Salary of Special Tiger Protection Force Forest Watchers - 27 (Pay - 5400 + GP - 1800 and Allw = 14630) * 264000.000 = 7128000.000 27.000 Fix T.A. for Forest Watchers - 27 (Pay - 5400 + GP - 1800 and Allw = 14630) * 18000.000 = 486000.000	984000.000 774000.000 264000.000 984000.000 18000.000	323.04		STPF staff is working in Pench since 2014 & salary and allowance components are part of CSS-PT grants.
Strengthening	Core Area: Establishing Monitoring system for Tigers intensive protection and Ecological Status (M-Stripes) monitoring.	16.2.14		0.0	104.00	100.000 Implementation of M-STRIPES Purchase of PDA * 8827.000 = 882700.000 1.000 Implementation of M-STRIPES Purchase of Computer / Laptop * 60000.000 = 60000.000 1.000 Implementation of M-STRIPES, Printing of M-STRIPES booklet * 100000.000 = 100000.000 2.000 Implementation of M-STRIPES Remuneration to Computer Operator * 144000.000 = 288000.000	8827.000 60000.000 100000.000 144000.000	13.31		Effective foot patrolling for identifying & preventing any illegal activity inside Pench tiger reserve MSTRIPES is planned to be implemented from 2016-17.
Anti-Poaching	Core Area: Establishment and maintenance of wireless network	16.1.5		1.5	111	50.000 Purchase of Wireless Sets * 22000.000 = 1100000.000 10.000 Purchase of High gain antenna ground plane 5.5 db Diamond make (CP 22 E Model No.) * 6500.000 = 65000.000 1.000 Purchase of LMR 400 cable 40 meter with 2 connector Antenna cable 75 ? * 150000.000 = 150000.000 50.000 Purchase of battery charger * 3000.000 = 150000.000	22000 6500 150000	14.65		
Research and field equipment	Core Area: Day to day monitoring of wild animals	16.7		4	435.00	111.000 Purchase of Equipment for STPF, Patrolling gear to field staff (STPF Staff - RFO -3, Forest Guard - 81, Forest Watchers - 27) * 5000.000 = 555000.000 300.000 Mainstreaming	5000.000 22000.000 150000.000 384000.000 100000.000 25000.000 1000000.000	106.39		Patrolling gears are very much essential for effective patrolling in all seasons. To implement Phase IV monitoring as per NTCA norms. (350 Nos. X 25,000/- per no.) Biodiversity status survey, Appraisal of eco-development

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						wildlife concern in Tiger bearing forests (buffer) and corridor, Purchase of camera traps, batteries and memory card for monitoring of the tigers * 22000.000 = 660000.000 1.000 Research work on field * 1500000.000 = 1500000.000 1.000 Researcher (SRF) * 384000.000 = 384000.000 1.000 Day to Day monitoring of wild animals, Publication books /Field guides. * 100000.000 = 100000.000 20.000 Day to Day monitoring of wild animals, Purchase of GPS * 25000.000 = 500000.000 1.000 Maintenance of Boma Structure and Shifting of herbivores * 1000000.000 = 1000000.000				activity, studies of tiger dispersal Biodiversity status survey, Appraisal of eco-development activity, studies of tiger dispersal For Day to day monitoring of wild animals For Day to day monitoring of wild animals Needed for herbivores capture & translocation to deficient area
Staff Development	Core Area: Dissemination workshops.	16.8.6	6.5(5)	0.0	3.00	3.000 Development Activities for Co-existence in Buffer Zone Organising workshops for sensitizing local villages in buffer area * 50000.000 = 150000.000	50000.000	1.50		For creating social fencing, sensitization of local villagers in buffer areas of Pench Tiger Reserve is needed.
Staff Development	Core Area: Providing project allowance and special incentives.	16.8.2		9.588	112.00	1.000 Project Allowances (STPF) Assistant C.F. - 01 * 15600.000 = 15600.000 3.000 Project Allowances (STPF) RFO - 03 * 12000.000 = 36000.000 81.000 Project Allowances (STPF) Forest Guard - 81 * 8400.000 = 680400.000 27.000 Project Allowances (STPF) Forest Watcher - 27 * 8400.000 = 226800.000	15600.000 12000.000 8400.000 36000.000 680400.000 226800.000	9.59		Staff is stationed inside the Pench Tiger Reserve 24x7. Hence as per norm their project allowance needs to be released. (1 X 12 X 1300/-) Staff is stationed inside the Pench Tiger Reserve 24x7. Hence as per norm their project allowance needs to be released. (3 X 12 X 1000/-) Staff is stationed inside the Pench Tiger Reserve 24x7. Hence as per norm their project allowance needs to be released. (81 X 12 X 700/-) Staff is stationed inside the Pench Tiger Reserve 24x7. Hence as per norm their project allowance needs to be released. (27 X 12 X 700/-)
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		21.132	271.00	1.000 Project Allowances for Field Director - 01 * 24000.000 = 24000.000 1.000 Project Allowances for DFO - 01 * 18000.000 = 18000.000 2.000 Project Allowances for ACF - 02 * 15600.000 = 31200.000 2.000 Project Allowances for RFO - 02 * 12000.000 = 24000.000 7.000 Project Allowances for Forester - 07 * 8400.000 = 58800.000 57.000 Project Allowances for Forest Guard - 57 * 8400.000 = 478800.000 4.000 Project Allowances for Driver - 4 * 8400.000 = 33600.000 17.000 Providing project allowance to Ministerial staff - III - 17 (1- CA, 4- A/C, 8- Clerk, 1- Steno typist, 1- Mastlshkar, 1- Draftsman, 1 - Surveyor) * 8400.000 = 142800.000 1.000 Project Allowances for Office Superintendent - 01 * 12000.000 = 12000.000 6.000 Project Allowances for Ministerial Staff Class - IV - 06 * 4800.000 = 28800.000 47.000 Project Allowances for Venmajoor - 47 * 4800.000 = 225600.000	24000.000 18000.000 31200.000 24000.000 58800.000 478800.000 33600.000 142800.000 12000.000 28800.000 225600.000	21.13		Since they are working in tiger reserve the project allowance is as per norms by NTCA. (1 X 12 X 2000/-) Since they are working in tiger reserve the project allowance is as per norms by NTCA. (1 X 12 X 1500/-) Since they are working in tiger reserve the project allowance is as per norms by NTCA. (2 X 12 X 1300/-) Since they are working in tiger reserve the project allowance is as per norms by NTCA. (2 X 12 X 1000/-) Since they are working in tiger reserve the project allowance is as per norms by NTCA. (7 X 12 X 900/-) Since they are working in tiger reserve the project allowance is as per norms by NTCA. (57 X 12 X 700/-) Since they are working in tiger reserve the project allowance is as per norms by NTCA. (4 X 12 X 700/-) Since they are working in tiger reserve the project allowance is as per norms by NTCA. (17 X 12 X 700/-) Since they are working in tiger reserve the project allowance is as per norms by NTCA. (1 X 12 X 1000/-) Since they are working in tiger reserve the project allowance is as per norms by NTCA. (6 X 12 X

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						5.000 Project Allowances for RFO - 05 (Buffer Area) * 12000.000 = 60000.000 12.000 Project Allowances for Forester - 12 (Buffer Area) * 10800.000 = 129600.000 80.000 Project Allowances for Forest Guard - 80 (Buffer Area) * 8400.000 = 672000.000 1.000 Project Allowances for Driver - 1 (Buffer Area) * 8400.000 = 8400.000 4.000 Project Allowances for Ministerial Staff Class - II - 04 (Buffer Area) * 8400.000 = 33600.000 24.000 Project Allowances for Vanmajoor - 24 (Buffer Area) * 4800.000 = 115200.000				400/- Since they are working in tiger reserve the project allowance is as per norms by NTCA. (47 X 12 X 400/-) Staff is stationed in the buffer area of the Pench Tiger Reserve. Hence as per NTCA norm their project allowance needs to be released. (5 x 12 x 1000) Staff is stationed in the buffer area of the Pench Tiger Reserve. Hence as per NTCA norm their project allowance needs to be released. (12 x 12 x 900) Staff is stationed in the buffer area of the Pench Tiger Reserve. Hence as per NTCA norm their project allowance needs to be released. (80 x 12 x 900) Staff is stationed in the buffer area of the Pench Tiger Reserve. Hence as per NTCA norm their project allowance needs to be released. (1 x 12 x 700) Staff is stationed in the buffer area of the Pench Tiger Reserve. Hence as per NTCA norm their project allowance needs to be released. (4 x 12 x 700) Staff is stationed in the buffer area of the Pench Tiger Reserve. Hence as per NTCA norm their project allowance needs to be released. (24 x 12 x 400)
Staff welfare	Core Area: Provision for ration allowance to field staff	16.16		22.91	10492.00	81.000 Ration Allowance for STPF Forest Guard * 10320.000 = 835920.000 10320.000 27.000 Ration Allowance for STPF Forest Watchers * 10320.000 = 278640.000 50.000 7.000 Ration Allowance for Core Staff (Forester - 7) * 10320.000 = 72240.000 57.000 Ration Allowance for Core Staff (Forest Guard - 57) * 10320.000 = 588240.000 10320.000 Ration Allowance for Core Staff (Vanmajoor - 47, Khansama - 1, Wireless Helper - 2) * 50.000 = 516000.000	10320.000 10320.000 10320.000 50.000	22.91		Staff is stationed inside the Pench Tiger Reserve 24x7. Hence their ration set up is required as mentioned. Staff is stationed inside the Pench Tiger Reserve 24x7. Hence their ration set up is required as mentioned. Staff is stationed inside the Pench Tiger Reserve 24x7. Hence their ration set up is required as mentioned. (860 x 7 x 12) Staff is stationed inside the Pench Tiger Reserve 24x7. Hence their ration set up is required as mentioned. (860 x 57 x 12) Staff is stationed inside the Pench Tiger Reserve 24x7. Hence their ration set up is required as mentioned. (860 x 50 x 12)
Staff welfare	Core Area: Supply of field kit	16.16		0.0	27.00	27.000 Supply of Dress Material for Forest Watchers in STPF, Pench Tiger Reserve, Nagpur * 5167.000 = 139509.000	5167.000	1.40		Staff is stationed inside the Pench Tiger Reserve 24x7. Hence their Dress Material is required as mentioned.
	Total (Non-Recurring):							641.64		

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)		
Anti-Poaching	Buffer Area: Maintenance of wireless network.	16.2.3	13.3	16.56	30.00	12.000 Wages for wireless operator 4 Stations 3 person each @ 9000/- per month for 12 months * 108000.000 = 1296000.000 18.000 Maintenance and repair to wireless sets (4 B.S., 2 M.S., 12 H.H.) * 1867.000 = 30006.000	108000.000 1667.000	13.26	N21°034'18.4" E079°19'57.3" N21°021'44.72" E079°16'00.54" N21°028'12.14" E079°0343.17"	Basic requirement for protection and communication inside tiger reserve. 3 people are stationed at each wireless station 24 x 7. (4 wireless station x 3 person x 12 months x 9,000/- p.m.) Basic requirement for protection and communication inside tiger reserve. 3 people are stationed at each wireless station 24 x 7.
Anti-Poaching	Buffer Area: Deployment of local work force for patrolling, surveillance of	16.1.9		70.2	69.00	60.000 Wages for labourers engaged in Anti-poaching Camps (20 APC x 3 person x 12 months x 9,000/-) *	108000.000 108000.000 108000.000	74.52		To man the anti-poaching camps at each effective points so as to cover and monitor maximum area in Pench Tiger Reserve. (20 APC x 3 person x 12 months x 9,000/-)

	water holes, manning barriers.					108000.000 = 648000.000 5.000 Wages for check Naka labours * 108000.000 = 540000.000 4.000 Wages for driver of vehicle (4 drivers x 12 months x 9,000/- p.m.) * 108000.000 = 432000.000				To man the anti-poaching camps at each effective points so as to cover and monitor maximum area in Pench Tiger Reserve.
Strengthening	Buffer Area Maintenance of (staff quarters, family hostels, office improvement, house keeping buildings, museum).	16.2.1		8	1.00	1.000 Maintenance of residential and other administrative building * 1000000.000 = 1000000.000	1000000.000	10.00	21.4787222, 79.123769 21.4490556, 79.02261 21.4550278, 79.0486944 21.5423306, 79.005588 21.5708028, 79.29744166 21.4667056, 79.3027666	Routine maintenance works
Strengthening	Buffer Area Maintenance of road network.	16.2.2	7.2.2	36.83	305	80 Murrum Road - 80 km * 16000.000 = 1200000.000 225.000 Earthen Road - 225 km * 16000.000 = 3600000.000	15000.000 15000.000	48.00	21.5330306, 79.0213583 21.5056806, 79.303413 21.5015417, 79.267477 21.5525528, 79.350841 21.5646278, 79.358830 21.5098056, 79.0568 21.4915694, 79.017186 21.4915056, 79.3577472 21.5896722, 79.055836 21.5074167, 79.2792777 21.5215556, 79.3186666 21.5040833, 79.2102777 21.6572222, 79.19588888	For regular and seamless patrolling for prevention of any illegal activities. For regular and seamless patrolling for prevention of any illegal activities.
Strengthening	Buffer Area Maintenance of vehicles (Gypsy, Jeep, Truck, Tractor, staff car etc.).	16.2.8	13.2	5	8.00	5.000 Maintenance of Diesel vehicles * 120000.000 = 600000.000 3.000 Maintenance of Motorcycles * 33334.000 = 100002.000	120000.000 33334.000	7.00		For patrolling in buffer of Pench Tiger Reserve the regular maintenance charges are mentioned. For patrolling in buffer of Pench Tiger Reserve the regular maintenance charges are mentioned.
Tiger Safari	Buffer Area Establishment of Tiger Safari, interpretation and awareness centers under the existing component of co-occurrence agenda in buffer and fringe areas	16.21		0.6	3.00	2.000 Training of all Beat Guards of Pench Tiger Reserve in Protection monitoring and legal aspect, GPS/PDA/ Camera trap training 2 training x 25,000/- * 25000.000 = 50000.000 1.000 Wildlife days Celebrations * 200000.000 = 200000.000	250000.000 200000.000	2.50		Staff capacity building activities are essential Wildlife days Celebrations
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		1.5	1.00	1.000 Preparation of posters, banners for wildlife awareness in buffer area and to mark entrance of buffer with proper board * 300000.000 = 300000.000	300000.000	3.00		Mass awareness programme in society to support tiger conservation.
Habitat Improvement	Buffer Area Lantana / Weed / Brush Wood mapping	16.3	6.3	10.5	175.00	100.000 Removal of lantana, Parthenium and other invasive weeds from the infested area of core area for 2nd year. * 8000.000 = 800000.000 75.000 Removal of	8000.000 5000.000	11.75	21.589125, 79.050266 21.5381867, 79.243888 21.5240833, 79.264861 21.4793778,	For developing grasslands for herbivores, for habitat improvement 2nd Year operation on areas worked in 2017-18 for the first time. Essential for good habitat development 3rd Year operation on areas

						lantana, Parthenium and other invasive weeds from the infested area of core area for 3rd year. * 5000.000 = 375000.000			79.219725 21.4780889, 79.2119027 21.4837972, 79.2132111 21.4592778, 79.2356666 21.4663056, 79.316111 21.5233667, 79.076588	worked in 2018-17 for the second time. Essential for good habitat development
Anti-Poaching	Core Area: Deployment of camp labourers for patrolling.	16.1.3	7.7.2 (2)	108.18	128.00	4.000 Deployment of camp labourers for patrolling, Patrolling/Protection camps labour wages (4 camp x 4 labour x 26 days x 300) * 374400.000 = 1497600.000 90.000 Wages for labourers engaged in 30 Anti-poaching Camps 3 person on each camp = 90 person (30 X 3 x 12 x 9,000/-) * 108000.000 = 9720000.000 24.000 Wages for check Naka labours * 108000.000 = 2592000.000 10.000 Wages for Vehicle Driver @9000/- (8 drivers + 2 cleaner @ 9,000/- x 12 months) * 108000.000 = 1080000.000	374400.000 108000.000 108000.000	148.90	N21°30'21.0", E079°18'13.0" N21°26'43.3", E079°14'16" N21°34'18.4", E079°19'57.3" N21°33'43.3", E079°19'13.55" N21°32'18.8", E079°03'06.8" N21°30'13.0", E079°07'19.5" N21°36'01.89", E079°01'15.31" N21°34'51.53", E079°02'51.71" N21°35'44.35", E079°03'29.86" N21°33'43.3", E079°19'13.55" N21°21'44.72", E079°16'00.54"	For Protection in Khapa, Pashioni, Ramtek, Paoni & deolapar Range (4 camp x 4 labour x 26 days x 300 x 12 months) The entire area of Tiger Reserve is probe to poaching, so manpower is essential for 24 x 7 protection (30 X 3 x 12 x 9,000/-) The entire area of Tiger Reserve is probe to poaching, so manpower is essential for 24 x 7 protection (12 X 2 x 12 x 9,000/-) The entire area of Tiger Reserve is probe to poaching, so manpower is essential for 24 x 7 protection (8 drivers + 2 cleaner @ 9,000/- x 12 months)
Anti-Poaching	Core Area: Legal support for defending court cases.	16.1.13		0.0	1.00	1.000 Payment of fee to pleader in offence cases * 50000.000 = 50000.000	50000.000	0.50		For office & administrative work related to tiger reserve.
Anti-Poaching	Core Area: Maintenance of vehicles, boats	16.1.14	7.2.2 and J	11.5	18.00	1.000 Petrol Vehicle - 1 100000.000 = 125000.000 100000.000 = 214286.000 4.000 Motor Boat - 4 * 200000.000 = 800000.000 7.000 Diesel Vehicles - 7 * 100000.000 = 700000.000 6.000 Motorcycles - 6 nos * 10000.000 = 60000.000	200000.000 125000.000 214286.000 16667.000	16.6		Vehicle maintenance need for all vehicle Vehicle maintenance need for all vehicle Vehicle maintenance need for all vehicle Vehicle maintenance need for all vehicle
Anti-Poaching	Core Area: Maintenance of wireless tower.	16.2.3	7.2.2 F	19.4	131.00	1.000 Wireless communication network Royalty to Govt. of India * 200000.000 = 2000.000 200000.000 = 1000.000 30.000 Wages for wireless operator 5 Stations 3 person each @ 0.09/- per month * 108000.000 = 3240000.000 12.000 Maintenance and repair to wireless sets (12 B.S x 2,000/-) * 2000.000 = 24000.000 8.000 Maintenance and repair to wireless sets (8 M.S x 2,000/-) * 2000.000 = 16000.000 80.000 Maintenance of Walki-Talki sets and accessories for field staff (80 sets x 1,000/-) * 1000.000 = 80000.000	200000.000 108000.000 2000.000 2000.000 1000.000	35.6		Needs for efficient and quick Communication Needs for efficient and quick Communication (10 x 3 x 12=360 @ 9,000/-) The entire area of Tiger Reserve is probe to poaching, so manpower is essential for 24 x 7 protection (12 B.S x 2,000/-) The entire area of Tiger Reserve is probe to poaching, so manpower is essential for 24 x 7 protection (8 M.S x 2,000/-) The entire area of Tiger Reserve is probe to poaching, so manpower is essential for 24 x 7 protection (80 nos. x 1,000/-)

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Strengthening	Core Area: Maintenance of fire lines and firebreaks.	16.2.6	7.2 (f)	H9.48	1060.00	240 A Class Fire lines cutting and burring * 6000.000 = 1440000.000 380 B Class Fire lines cutting and burring * 5000.000 = 1900000.000 200 A class Firelines cutting and burring in Buffer Area * 6000.000 = 1200000.000 240 Bclass Firelines cutting and burring in Buffer Area * 5000.000 = 1200000.000	6000.000 5000.000 6000.000 5000.000	57.4	N21 ⁰ 34'04.03" E079 ⁰ 15'10.05" N21 ⁰ 33'05.03" E079 ⁰ 12'49.43" N21 ⁰ 34'52.55" E079 ⁰ 14'56.61" N21 ⁰ 35'03.83" E079 ⁰ 12'47.05" N21 ⁰ 41'22.14" E079054'52.41" N21 ⁰ 40'40.56" E079 ⁰ 16'31.98" N21 ⁰ 34'67.5" E079 ⁰ 17'27.0" N21 ⁰ 37'06.5" E079 ⁰ 15'16.6" N21 ⁰ 36'01.87" E079 ⁰ 16'10.08" N21 ⁰ 36'50.35" E079 ⁰ 16'46.50" N21 ⁰ 34'04.03" E079 ⁰ 15'10.05" N21 ⁰ 33'05.03" E079 ⁰ 12'49.43" N21 ⁰ 33'05.01" E079 ⁰ 12'49.56" N21 ⁰ 33'06.0" E079 ⁰ 11'33.7" N21 ⁰ 34'86.2" E079 ⁰ 14'89.0" N21 ⁰ 33'83.2" E079 ⁰ 15'26.6" N21 ⁰ 36'09.75" E079 ⁰ 16'16.90" N21 ⁰ 36'30.73" E079 ⁰ 16'44.27" N21 ⁰ 34'47.04" E079 ⁰ 34'56.34" N21 ⁰ 17'09.58" E079 ⁰ 16'18.55"	Essential for protection of fire spread and habitat loss. Essential for protection of fire spread and habitat loss. Linear forest management work for preventing Forest fires undertaken every year. Linear forest management work for preventing forest fires undertaken every year.
Strengthening	Core Area: Maintenance of fire watch tower.	16.2.4		0.0	1.00	1.000 Construction of MS Watch Tower in core area of Pench Tiger Reserve. * 500000.000 = 500000.000	500000.000	5.00	21.5793611, 79.074194	For anti-poaching and fire surveillance activity
Strengthening	Core Area: Maintenance of Forest Guard Quarters.	16.2.1		0.0	1.00	1.000 Construction of Type - 1 Residential Quarter for Forest Guard in core area of Pench Tiger Reserve. * 1000000.000 = 1000000.000	1000000.000	10.00	21.5996944, 79.08233333	For the Field Staff
Strengthening	Core Area: Maintenance of kuccha roads	16.2.2	7.2.2 E	21.7	400.00	200 Murrum Road - 200 Km * 20000.000 = 4000000 200.000 Earthen Road - 200 Km * 18000.000 = 3600000.000	20000.000 18000.000	76.00	21.65375, 79.22730 21.6650556, 79.23369 21.6497778, 79.241138 21.6394167, 79.222416 21.6385556, 79.24541 21.6384444, 79.239861 21.6962222, 79.260333 21.7048889, 79.2615 21.6392222, 79.22569 21.6181389, 79.230472	Needed for regular and seamless patrolling and for prevention of any illegal activities. Needed for regular and seamless patrolling and for prevention of any illegal activities.

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									21.6095556, 79.153083 21.5993333, 79.136027 21.6558889, 79.259894 21.6657222, 79.256916 21.6628611, 79.280777 21.6628611, 79.303166 21.6560833, 79.25125 21.6416667, 79.261222 21.637, 79.25936 21.5508611, 79.138291 21.6393611, 79.15272 21.5465278, 79.144833 21.5556667, 79.1709166 21.6393611, 79.152722 21.6393333, 79.152805	
Habitat Improvement	Core Area: Grass land improvement, wetland improvement	16.3	7.2.1 (i)	25	36.00	36.000 Meadow Development work with Chainlink Fencing at rehabilitated Fulzari village and Tolladoh Complt. No. 538 in Core area. * 120000.000 = 4320000.000	120000.000	43.20	21.6465028, 79.2346416 21.5772417, 79.251566 21.5256944, 79.0708888 21.5256944, 79.0708888 21.5040278, 79.049777 21.4884722, 79.06394444 21.5222222, 79.059444 21.52545, 79.019816 21.5477944, 79.3259805 21.4793778, 79.219725 21.4780889, 79.2119027 21.4780889, 79.2119027 21.6763889, 79.050072	For improving the quality of habitat in rehabilitated village area. Essential for good habitat development For improving the meadow quality. Essential for good habitat development
Habitat Improvement	Core Area: Water retention structures	16.3	7.2.4 (i)	44	76.00	40.000 Water Augmentation work, 500000.000 Maintenance of existing water holes * 15000.000 = 800000.000 4.000 Construction of Dyke * 500000.000 = 2000000.000 1.000 Digging of Well and installing Solar pump * 800000.000 = 800000.000 1.000 Digging of Well and installing Solar pump * 800000.000 = 800000.000 30.000 Maintenance of existing water holes * 15000.000 = 450000.000	15000.000 500000.000 800000.000 15000.000 15000.000	46.50	21.66, 79.293527 21.6671917, 79.266763 21.6856667, 79.25297 21.6598056, 79.2635 21.6258056, 79.3021388 21.7044444, 79.25222 21.6852778, 79.2377777 21.6861111, 79.259166 21.7038889, 79.201666 21.5645833, 79.3677777 21.5589167, 79.350030 21.66325, 79.19280 21.4934722, 79.2689444 21.5046389, 79.210444 21.4814722, 79.179111	For ensuring water availability inside forest (protected area- Pench Tiger Reserve) in summers and to avoid man animal conflict. Also helps in improving water table. Tolladoh back water receding areas provide habitat for herbivora. Dykes help in their activity. Bore well water non potable. If contains intolerable amount of Iron, Fluorides. It is experienced that water from open well is much better hence, well is necessary. Since the quality of Bore well water is poor. Not fit to consume for human. It contains intolerable amount of Iron, Fluorides. It is experienced that water from open well is much better hence, well is necessary. For ensuring water availability inside forest (protected area- Pench Tiger Reserve) in summers and to avoid man animal conflict. Also helps in improving water table.
Habitat Improvement	Core Area: Weed eradication	16.3	17.2.4 D1 and 7.2.4	7.5	800.00	400.000 Removal of lantana, Parthenium and other invasive weeds from the infested area of core	12000.000 8000.000 5000.000	74.00	21.6364417, 79.22559 21.6428472, 79.228038	For developing grasslands for herbivores, for habitat improvement 2nd Year operation on areas worked in 2017-18 for the first time.

					area for 1st year. * 12000.000 = 4800000.000 200.000 Removal of lantana, Parthenium and other invasive weeds from the infested area of core area for 2nd year. * 8000.000 = 1600000.000 200.000 Removal of lantana, Parthenium and other invasive weeds from the infested area of core area for 3rd year. * 5000.000 = 1000000.000			21.5788611, 79.1935 21.5480444, 79.157272	Essential for good habitat development 3rd Year operation on areas worked in 2016-17 for the second time. Essential for good habitat development
	Total (Recurring):							683.73	

S. No.	Items	(Rs. In Lakhs)	
		Sanction	Central Assistance
1.	Non-Recurring (60%)	641.64	384.98
2.	Recurring (50%)	683.73	341.86
	Total	1325.37	726.84

		(Rs. In Lakhs)	
Cost of APO including State's share	A		1325.37
Center's share in APO	B		726.84
1 st release @ 80% of Center's share	C=0.8*B		581.472
Less: Unspent balance FY 17-18	D		-
Adjusted 1 st release	E=C-D		581.472
2 nd release @ 20% of Center's share	F=0.2*B		145.37

* 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.

