

**No. 4-1(28)/2018-PT**  
Government of India  
Ministry of Environment, Forest and Climate Change  
Project Tiger Division

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**Dated the 30<sup>th</sup> 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 Satpura Tiger Reserve, Madhya Pradesh 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 Satpura Tiger Reserve, Madhya Pradesh at the cost of **Rs. 962.51 Lakhs (Rupees Nine hundred Sixty Two lakhs Fifty One thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 778.18 Lakhs (Rupees Seven hundred Seventy Eight lakhs Eighteen thousand only)** being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India and Government of Madhya Pradesh**. 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 Madhya Pradesh.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 376.64 lakhs (Rupees Three hundred Seventy Six lakhs Sixty Four thousand only)** as the 1<sup>st</sup> installment of Central Share towards the Grants-in-aid to Government of Madhya Pradesh 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 **Satpura 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 Madhya Pradesh** 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 **Satpura 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 Madhya Pradesh in respect of **Satpura Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2019.
- (x) **Satpura 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 Madhya Pradesh** 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 Madhya Pradesh** to the **Govt. of India**.
- (xiii) Government of Madhya Pradesh in respect of **Satpura 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 **Satpura 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 (**Satpura Tiger Reserve**) and **Government of Madhya Pradesh**.
- (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 Madhya Pradesh 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 Madhya Pradesh under intimation to this Department.

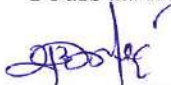


8. The expenditure incurred is adjustable to the Demand No. 27 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2018-19:

| <b>Scheme</b>                               | <b>Budget Head</b>          | <b>Amount<br/>(Rs. in lakhs)</b> |
|---|-----------------------------|----------------------------------|
| Centrally Sponsored Scheme of Project Tiger | 3601.06.101.02.01.31 (Gen)  | 113.00                           |
| Centrally Sponsored Scheme of Project Tiger | 3601.06.789.02.01.31 (SCSP) | 75.32                            |
| Centrally Sponsored Scheme of Project Tiger | 3601.06.796.02.01.31 (TSP)  | 188.32                           |
| <b>Total</b>                                |                             | <b>376.64</b>                    |

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 109911/AS&FA (PG) dated 25.7.2018.

Yours faithfully,

  
(Raja Ram Singh)

Assistant Inspector General of Forests (PT)

Copy to:-

1. The Secretary (Forests), Govt. of Madhya Pradesh. 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 Madhya Pradesh.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Madhya Pradesh.
4. The Field Director, Satpura Tiger Reserve, Madhya Pradesh.
5. The Accountant General, Madhya Pradesh.
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.

  
(Raja Ram Singh)

Assistant Inspector General of Forests (PT)



**SATPURA TIGER RESERVE, MADHYA PRADESH**  
**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         |   |                         | GPS   | Justification   |
|---------------------------------|---|----------------------------|--------------|---------------------|--------------------------------|---|-------------------------|-------|---|
|                                 |   |                            |              |                     | No. of Items (Physical Target) | Sub-item Details  | Unit Price (Rs.)        |       |   |
| 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                   | 4.4          | 0.0                 | 7.00                           | 6.000 Compensation for damage to human life cattle kills/ crop losses for 6 range * 83334.000 = 500004.000<br>1.000 Compensation for damage to human life cattle kills/ crop losses for 4 buffer range * 400000.000 = 400000.000              | 83334.000<br>400000.000 | 9.00  | Cattle kill, human injury and crop depredation are major causes of animosity, ill feeling among the local people. Timely compensation, payment is required for developing good feeling, winning the faith and cooperation of local people, reducing antipathy towards wild animals. Payment for the Human life/ Cattle kill needs to be paid to the buffer villagers.   |
| Mainstreaming wildlife concerns | Buffer Area: Anti-poaching operations.  | 16.10.1.4                  | 10.1(f)      | 10.00               | 457500.00                      | 457500.000 Deployment of Tiger Protection force / Anti Poaching Squad 4 Units (Each unit consists of 5 ex-servicemen & local work force, hiring of vehicles / POL, equipments etc. 4 Buffer Ranges Rs.4.575 lakh / unit * 4.000 = 1830000.000 | 4.000                   | 18.30 | For the enhancement of effectiveness in wildlife protection in the difficult and rugged terrain of buffer area of 794.04 Sq.Km of STR, deployment of Tiger Protection force / Anti Poaching Squads are needed. Buffer area is located in three districts, which needs more attention to strengthen the protection   |
| Staff welfare                   | Buffer Area: Provision for ration allowance to field staff  | 16.16                      | 10.15        | 8.05                | 87.00                          | 87.000 Food Allowance 87 staff (18 Forester, 60 Forestguard, 9 Sthai karmi) for 4 buffer range * 10320.000 = 897840.000   | 10320.00                | 8.98  | For the welfare of staff and to uplift their morale.(87 staff (18 Forester, 60 Forestguard, 9 Sthai karmi))   |
| Staff welfare                   | Buffer Area: Supply of mosquito net/ field kit  | 16.16                      | 4.16         | 0.25                | 160.00                         | 60.000 Mosquito net for 4 buffer range * 1700.000 = 102000.000<br>100.000 Camp cots & other accessories for 4 buffer range * 700.000 = 70000.000  | 1700.000<br>700.000     | 1.72  | The mosquito nets, first aid box & other accessories are needed for the welfare of staff.<br><br>The mosquito nets, first aid box & other accessories are needed for the welfare of staff.  |
| Eco-Development                 | Buffer Area: To carry out prophylactic immunization of cattle in and around Tiger Reserve.                                    | 16.10                      | 16.4         | 0.50                | 4.00                           | 4.000 To carryout prophylactic immunisation of cattle for 4 buffer range * 50000.000 = 200000.000   | 50000.000               | 2.00  | To prevent out break of communicable diseases from cattle to wild animals in buffer and surrounding areas.  |
| Anti-Poaching                   | Core Area: Establishing and maintenance of existing patrolling camps/chowkis and deployment of camp labourers for patrolling. | 16.1.3                     | 4.1          | 18.00               | 1.00                           | 1.000 patrolling camp kukra matkull * 875000.000 = 875000.000   | 875000.000              | 8.75  | Patrolling camp is required for regular monitoring and protection. The available patrolling camps are not sufficient, hence the new camps will strengthen the protection in the hilly areas and the Chhindwara district boundary<br><br>Patrolling camp is required for regular monitoring and protection. The available patrolling camps are not sufficient, hence the new camps will strengthen the protection in the hilly areas and the |

|               |   |         |        |       |        |   |             |       |              |   |
|---------------|---|---------|--------|-------|--------|---|-------------|-------|--------------|---|
|               |   |         |        |       |        |   |             |       |              | Chhindwara district boundary .  |
| Anti-Poaching | Core Area: Establishing and maintenance of wireless network | 16.1.4  | 10.3   | 0.0   | 1.00   | 1.000 . Accessories cable, Antenna & Battery<br>6 Core Ranges 126 Beats<br>* 100000.000 =<br>100000.000 | 100000.000  | 1.00  |              | The wireless network is most crucial mode of NTCA guidelines communication in this tiger reserve, as mobile network is available in remote areas, which needs to be maintained at regular basis.  |
| Anti-Poaching | Core Area: Procurement of vehicles, boats etc               | 16.1.14 | 12.7.2 | 13.00 | 1.00   | 1.000 Gypsy *<br>650000.000 =<br>650000.000   | 650000.000  | 6.50  |              | Car MP 02 AV 0679 Tata Indigo is allotted to CCF of STR and Bolero MP 02 AV 1117 is allotted to Assistant Director Pachmarhi. Both vehicle had been written off by the competent authority (copy attached). New vehicle is required for strengthening the patrolling in the Tiger Reserve. As area is rugged and undulating terrain, four wheel drive vehicles are proposed to purchase as per GEM rate on Government guidelines  |
| Strengthening | Core Area: Creation of anicuts.                             | 16.2.5  | 8.3    | 27.3  | 1.00   | 1.000 Construction of new dykes Churna Murran 205 *<br>1500000.000 =<br>1500000.000                     | 1500000.000 | 15.00 | 22.78, 78.02 | Dyke is earthen water harvesting structure which constructed to store water in the backwaters of water reservoir. Dykes are normally constructed across the small streams/rivulets which are merging in the reservoir. Tawa reservoir is located inside STR core and buffer area. During summer season to provide water and to develop habitat for herbivore, construction of dykes are proposed. The dykes will be low cost and will have high impact on ensuring water during summer period for wild animals. The dykes will also ensure green fodder to herbivore during summer season which will help in improving the herbivore density in the park. Construction of Dykes are proposed as per Annexure 66 of sanctioned Tiger Conservation Plan of STR. TCP also gives emphasis on improving the artificial water sources inside the tiger reserve. The estimates are prepared as per the SOR of PWD/Water resource department of Madhya Pradesh. |
| Strengthening | Core Area: Creation of earthen ponds.                       | 16.2.7  | 7.1.7  | 0.0   | 1.00   | 1.000 Soil water conservation (Water pond) bori maldev 89 *<br>600000.000 =<br>600000.000               | 600000.000  | 6.00  | 22.43, 78.15 | The proposed Water ponds will be helpful in providing water to wild animals in the summer period. The proposed area doesn't have sufficient water holes. As the ungulates population is increasing steadily as per estimation report by SFRI, it is essential to develop more water ponds in the reserve.   |
| Strengthening | Core Area:  | 16.2.14 | 4.2    | 0.0   | 179.00 | 179.000 Mobile set for M-   | 8827.000    | 15.80 |              | The mobile phones are   |

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|                                 |  |           |       |       |        |   |   |       |  |  |
|---------------------------------|--|-----------|-------|-------|--------|---|---|-------|--|--|
|                                 | Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring. |           |       |       |        | STRIPES for 186 beat of STR 126 beat in core area ( 119 forest Guard ) and 60 beat in buffer range * 8827.000 = 1580033.000   |   |       |  | required to implement the MSTRIPES application at beat level. Currently beat guards maintain the manual patrolling registers. the mobile sets help in accurate data collection and monitoring the patrolling areas easily.   |
| Strengthening                   | Core Area: Procurement of Hardware.  | 16.2.10   | 4.2   | 0.0   | 145.00 | laptop and computer for AD Itarsi * 60000.000 = 60000.000<br>72.000 Wages of computer operator on hire bases 6 core range * 12500.000 = 900000.000  | 60000.000<br>12500.000                                      | 9.60  |  | One laptop is required for AD Itarsi to perform the official work in the office and field effectively<br><br>To facilitate working on computer on Division, Sub Division Range officers and Bison Lodge and at park entry gates  |
| Research and field equipment    | Core Area: Day to day monitoring of wild animals   | 16.7      | 4.7   | 0.0   | 7.00   | 6.000 Wages of people engaged in estimation exercise, Equipment, Pre-Exercise Training workshops etc. for 6 core range * 51667.000 = 310002.000<br>1.000 Purchase of census equipment and accessories like coll, memory card etc? for 6 core range * 100000.000 = 100000.000  | 51667.000<br>100000.000                                     | 4.10  |  | As per NTCA guidelines every tiger reserve has to conduct annual population estimation and monitoring on daily basis for tiger, its copredators and prey base.<br><br>there are 850 camera traps installed all around Satpura tiger reserve for monitoring which require accessories like memory card, cells etc for maintenance .   |
| Mainstreaming wildlife concerns | Core Area: Habitat Improvement measures.   | 16.10.1.5 | 7.1.3 | 12.83 | 995.95 | 50.000 Weed (lantana) Eradication Bori Bori 13 * 6000.000 = 300000.000<br>50.000 Weed (lantana) Eradication Bori Barghat-2 * 6000.000 = 300000.000<br>1.000 Brushwood eradication in bori 13, 14 * 30000.000 = 30000.000<br>1.000 Transportation of aquatic plants to put into tanks inside barahsingha enclosure. in bori 13,14 core range * 300000.000 = 300000.000<br>260.000 Grassland devolvement in Malini relocated village 154 * 7000.000 = 1960000.000 | 6000.000<br>6000.000<br>30000.000<br>300000.000<br>7000.000 | 28.90 | 22.45, 78.27<br>22.44, 78.32<br>22.45, 78.33<br>22.45, 78.26<br>22.45, 78.28<br>22.44, 78.04 | To facilitate growth of suppressed palatable grasses, the lantana uprooting is proposed in this area as per TCP. The lantana uprooting will help in increasing the palatable grasses to the herbivores in the tiger reserve.<br><br>To facilitate growth of suppressed palatable grasses, the lantana uprooting is proposed in this area as per TCP. The lantana uprooting will help in increasing the palatable grasses to the herbivores in the tiger reserve.<br><br>To facilitate growth of suppressed palatable grasses, the lantana uprooting is proposed in this area as per TCP. The lantana uprooting will help in increasing the palatable grasses to the herbivores in the tiger reserve.<br><br>To facilitate growth of suppressed palatable grasses, the lantana uprooting is proposed in this area as per TCP. The lantana uprooting will help in increasing the palatable grasses to the herbivores in the tiger reserve.<br><br>To facilitate growth of suppressed palatable grasses, the lantana uprooting is proposed in this area as per TCP. The lantana uprooting will help in increasing the palatable grasses to the herbivores in the tiger reserve. |

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|                               |   |           |      |       |         |   |           |       |               |  |
|-------------------------------|---|-----------|------|-------|---------|---|-----------|-------|---------------|--|
|                               |   |           |      |       |         |   |           |       |               | in the tiger reserve.<br><br>To facilitate growth of suppressed palatable grasses, the lantana uprooting is proposed in this area as per TCP. The lantana uprooting will help in increasing the palatable grasses to the herbivores in the tiger reserve.<br><br>To facilitate growth of suppressed palatable grasses, the lantana uprooting is proposed in this area as per TCP. The lantana uprooting will help in increasing the palatable grasses to the herbivores in the tiger reserve.<br><br>To facilitate growth of suppressed palatable grasses, the lantana uprooting is proposed in this area as per TCP. The lantana uprooting will help in increasing the palatable grasses to the herbivores in the tiger reserve.<br><br>The Malini village from Core of STR have been relocated, which enable to develop grass land in 560 Ha area for augmenting wildlife. The relocated site is situated along the Tawa Reservoir's backwaters. The relocated site has to be cleared of old house buildings, structures, agricultural weeds and levelling of the land. Ploughing, palatable grass seed sowing works have to also be done to develop the site as grass land. |
| 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     | 4.15 | 19.00 | 209.00  | 209.000 Payment of Project Allowance to Staff ( 209 Staff and Officers (1 FD, 1 DD, 5 ACF, 7 Range officer, 8 Deputy ranger, 36 Forester, 119 Forestguard, 2 Head Clark, 1 Dr. Veterinary, 2 UDC, 4 LDC-II, 14 LDC-III, 4th Class 9) in core range * 9398.000 = 1964182.000 | 9398.000  | 19.64 |               | To provide project tiger allowance to all officers and staff including executive and ministerial staff of tiger reserve as per NTCA guidelines. [Number of staff in each grade may be given.   |
| Staff welfare                 | Core Area: Provision for ration allowance to field staff- Assistant Commandant  | 16.16.2.1 | 4.15 | 17.00 | 252.00  | 252.000 Food Allowance 252 Staff (36 Forester, 119 Forestguard, 97 Sthal karmi) 6 core range * 10326.000 = 2802152.000  | 10326.000 | 26.02 |               | To provide project tiger allowance to all officers and staff including executive and ministerial staff of tiger reserve as per NTCA guidelines.  |
| Staff welfare                 | Core Area: Supply of field kit  | 16.16     | 4.16 | 1.25  | 126.00  | 126.000 Mosquito net for 126 beat in core range * 700.000 = 88200.000   | 700.000   | 0.88  |               | to provide medicated mosquito nets to staff for protection from malaria, dengue and other born diseases.   |
| Staff welfare                 | Core Area: Supply of medicine   | 16.16     | 4.16 | 1.00  | 1700.00 | 1700.000 Firstaid Box for 6 core range 126 beat * 126.000 = 214200.000  | 126.000   | 2.14  |               | To provide Medical first aid to be meet day to day ailment and injuring during patrolling staff for protection from malaria, dengue and other mosquito borne diseases  |
| <b>Total (Non-Recurring):</b> |   |           |      |       |         |   |           |       | <b>184.33</b> |  |

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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.)   |        |   |
| Anti-Poaching | Buffer Area: Deployment of local work force for patrolling, surveillance of water holes, manning barriers.  | 16.1.9                     | 16.2         | 80.92               | 2184.00                        | 240.000 4 Buffer Ranges 60 beats Fire watcher Camps (60x4x7625) * 7625.000 = 1830000.000<br><br>1440.000 1440 Patrolling camp Watcher 60 camp. 120x12 for 4 Buffer range * 7625.000 = 10980000.000<br><br>96.000 96 Barrier for 4 Buffer range * 7625.000 = 732000.000<br><br>80.000 80 DIVER FOR 4 BUFFER RANGE * 10300.000 = 824000.000<br><br>240.000 20 driver for 6 core range * (for 12 month) 10300.000 = 2472000.000 | 7625.000<br>7625.000<br>7625.000<br>10300.000<br>10300.000 | 168.38 | Fire is very detrimental for forests and wild life. It requires preventive measures along with continuous vigil for control. For preventive measures cutting and burning of fire lines and continuous brushing up of forest roads is required. For control, local work force is engaged as fire watchers and camp watchers. For fire protection, fire watchers, vehicles etc. are needed. Note:- There is no corresponding para number in CSS-PT<br><br>For effective protection of Wildlife and their habitats and entry checks.<br><br>For effective protection and checking at entry points.<br><br>For making payment to drivers employed in the vehicles for patrolling work<br><br>labor payment for 25 driver employed in the vehicle for patrolling. for 12 month |
| 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                     | 4.1          | 18.00               | 240.00                         | 240.000 Monsoon Patrolling 4 buffer range 60 Beats 60 watcher for 4months in 60 patrolling camp * 7625.000 = 1830000.000   | 7625.000   | 18.30  | For effective protection during the rainy season in the buffer areas.   |
| Strengthening | Buffer Area: Creation of kuccha roads   | 16.2.2                     | 16.2(ii)     | 5.50                | 2.00                           | 1.000 Maintanace of forest road 266 km (156 km hill and 110km plain road) for 4 buffer range * 500000.000 = 500000.000<br><br>1.000 maintanace of forest road 266 km( 156 km hill and 110 km plain road) * 500000.000 = 500000.000   | 500000.000<br>500000.000                                   | 10.00  | 266 km of forest road to be maintance to ensure better patrolling<br><br>266 km forest road is need to be maintained to ensure patrolling   |
| Strengthening | Buffer Area: Maintenance of Computers Accessories.  | 16.2.10                    | 10.1         | 6.00                | 48.00                          | 48.000 Wages of computer operator (4 in No.) on hire basis for 4 buffer range * 12500.000 (for 12 months)  | 12500.000  | 6.00   | To facilitate working on computers at Division, Sub-division, Range offices, Bison lodge &&& at Park entry gates (4 centres x 12500) [Engagement of computer operator may be covered under appropriate CSS PT Para]   |
| Strengthening | Buffer Area: Maintenance of Forest Guard  | 16.2.1                     | 4.1          | 0.0                 | 60.00                          | 60.000 Maintenance of Patrolling camps/ Nakas/ Watch   | 15000.000  | 9.00   | For the effective and timely action against wildlife offences and   |

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|                     |  |         |      |        |         |  |                          |        |  |   |
|---------------------|--|---------|------|--------|---------|--|--------------------------|--------|--|---|
|                     | Quarters.  |         |      |        |         | towers/and other residential buildings 60 Beats For all 60 patrolling camp & all watch towers * 15000.000 = 900000.000   |                          |        |  | better protection maintenance of Patrolling camps/ Nakas/ Watch towers/and other residential buildings are needed.  |
| Strengthening       | Buffer Area: Maintenance of vehicles (Gypsy, Jeep, Truck, Tractor, staff car etc.).  | 16.2.8  | 10.1 | 2.50   | 4.00    | 4.000 POL Vehicle for chowkies 4 buffer range 4 four wheelers, * 62500.000 = 250000.000  | 62500.000                | 2.50   |  | POL for the vehicles of patrolling camps are required   |
| 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   | 4.17 | 1.50   | 2.00    | 1.000 Environmental education to surrounding villagers and School children and interpretation material etc. * 100000.000 = 100000.000<br>1.000 Wildlife Week Celebrations * 100000.000 = 100000.000  | 100000.000<br>100000.000 | 2.00   |  | To create awareness and liking for wildlife in children and villagers.<br>To create awareness and liking for wildlife in children and villagers.  |
| Habitat Improvement | Buffer Area: Lantana / Weed / Brush Wood mapping   | 16.3    | 4.1  | 19.00  | 959.00  | 959.000 1408 Km Fireline cleaning and Burning for 4 Buffer Range * 1408.000 = 1350272.000  | 1408.000                 | 13.50  |  | Fire is very detrimental for forests and wild life. It requires preventive measures along with continuous vigil for control. For preventive measures cutting and burning of fire lines and continuous brushing up of forest roads is required. For control, local work force is engaged as fire watchers and camp watchers. For fire protection, fire watchers, vehicles etc. are needed.   |
| Anti-Poaching       | Core Area: Deployment of camp labourers for patrolling.  | 16.1.3  | 4.1  | 282.60 | 3576.00 | 504.000 Monsoon Patrolling in 6 core range 126 watcher * 7625.000 = 3843000.000<br>3072.000 Patrolling camp Watcher 6 Core Ranges 126 camp. 256x12 Rs.7625/ person/ month * 7625.000 = 23424000.000  | 7625.000<br>7625.000     | 272.67 |  | Terrain of the area is very tough and rugged which further becomes inaccessible during the monsoon. During this period only way of patrolling is on foot. Therefore to patrol the whole area, specially the sensitive ones, additional work force is required from July to mid October. (126 watcher for 4 months on strategic location patrolling camp)<br>For effective protection of Wildlife and their habitats and entry checks. |
| Anti-Poaching       | Core Area: Legal support for defending court cases.  | 16.1.13 | 4.17 | 0.50   | 1.00    | 1.000 Legal support for defending court cases for 6 core range * 100000.000 = 100000.000   | 100000.000               | 1.00   |  | An average around 150 forest offence cases are registered every year in TR Monetary support required to pay lawyers services in important cases.  |
| Anti-Poaching       | Core Area: Maintenance of vehicles, boats  | 16.1.14 | 10.1 | 25.00  | 180.00  | 84.000 84 POL For Boats and Vehicles / Maintenance for 6 core range (51 four wheelers, 24 two wheelers & 9 Boats) * 17857.000 = 1499988.000<br>96.000 96 Motor boat operator * 9000.000 = 864000.000 | 17857.000<br>9000.000    | 23.64  |  | There are 51 four wheelers, 24 motorcycles & nine boats used for patrolling. The area of the reserve is mountainous, rugged, tough terrain & vehicles, boats require POL & regular maintenance worth Rs. 50 lakhs annually. State supports part of the budget & the rest is proposed under central assistance.<br>For effective patrolling in the Tawa Reservoir  |

*2/20/16*



|               |  |         |     |       |         |  |                                     |       |              |  |
|---------------|--|---------|-----|-------|---------|--|-------------------------------------|-------|--------------|--|
|               |  |         |     |       |         |  |                                     |       |              | through boats.   |
| Anti-Poaching | Core Area: Maintenance of existing patrolling camps/chowkis and deployment of camp labourers for patrolling. | 16.1.3  | 4.1 | 10.00 | 126.0   | 60.000 Maintenance of patrolling camps/nakas/Watch towers and other residential Building for 6 core range 123 beat * 10000.000 = 600000.000  | 10000.000                           | 6.00  | 22.44, 78.32 | Annual maintenance & minor repairs of patrolling camps and buildings, such as anti poaching camps, Barrier huts & residential buildings is essential and some basic facilities like bathrooms, toilets & creation of water facility are required. [GIS map of camp attached]   |
| Anti-Poaching | Core Area: Maintenance of wireless tower/sets  | 16.2.3  | 4.2 | 40.30 | 793.00  | 1.000 Accessories cable, Antenna & Battery * 200000.000 = 200000.000<br>528.000 264 Wages of wireless attendants for 4 buffer range and 6 core range 44 station with 1 wireless attendant for 12 month * 7625.000 = 4026000.000  | 200000.000<br>7625.000              | 42.26 |              | The wireless network is most crucial mode of NCTA guidelines communication in this tiger reserve, as mobile network is available in remote areas, which needs to be maintained at regular basis<br><br>At present there are 44 base stations, which are important means of communication and require to be manned for smooth running.  |
| Anti-Poaching | Core Area: Procurement/Maintenance of elephants squads   | 16.1.11 | 4.1 | 2.00  | 6.0     | 6.000 Maintenance of Elephant Camps Food, Medicine & Accessories. for 6 elephant in core * 183334.000 = 1100004.000<br>24.000 mahout (Elephant Keeper) 2x12 for 6 core range * 10000.000 = 240000.000<br>48.000 chaff cutter (Chara cutter) 4x12 for 6 core range Rs.7625/ person/ month * 7625.000 = 366000.000             | 183334.000<br>10000.000<br>7625.000 | 17.06 |              | House keeping of departmental elephants by way of proper feeding, medicine, patrolling gears are required. Proper house keeping of elephants keeps them fit and healthy for being used in protection, monitoring and tourism activity.<br><br>Payment to Mahout for patrolling<br><br>Payment to Mahout for patrolling   |
| Anti-Poaching | Core Area: Rewards to informers.   | 16.1.12 | 4.1 | 1.0   | 1.0     | 2.0 1.000 100 reward to informer and staff * 100000.000 = 100000.000   | 100000.000                          | 1.00  |              | To encourage the staff, duly rewarded informer system is required, similarly the staff who have performed excellent for protection habitat management need to be rewarded.   |
| Strengthening | Core Area: Maintenance of anicuts, Stop Dam-cum-Bridge, Culvert, Irish Bridge.                               | 16.2.5  | 4.1 | 0.0   | 400.0   | 400.000 barrier in core range 600 * 7625.000 = 4575000.000   | 7625.000                            | 30.50 |              | for effective protection and checking at entry points  |
| Strengthening | Core Area: Maintenance of fire lines and firebreaks.   | 16.2.6  | 4.2 | 80.92 | 1490.00 | 962.000 Fire line (Cleaning and Burning) 3953 km firelines for 6 core range * 3953.000 = 3802786.000<br>504.000 Fire watchers engaged for 6 core range 126 Laboures for 4months Rs.7625/ person/ month * 7625.000 = 3843000.000<br>12.000 Hiring Vehicles for fire watching & fighting 3 Vehicles for 4 months * 28000.000 = | 3953.000<br>7625.000<br>28000.000   | 79.82 |              | Fire is very detrimental for forests and wild life. It requires preventive measures along with continuous vigil for control. For preventive measures cutting and burning of fire lines and continuous brushing up of forest roads is required. For control, local work force is engaged as fire watchers and camp watchers. For fire protection, fire watchers, vehicles etc. are needed. Note: List of fire line attached |

*[Handwritten signature]*

|               |  |       |     |       |         |   |   |       |  |   |
|---------------|--|-------|-----|-------|---------|---|---|-------|--|---|
|               |  |       |     |       |         | 336000.000  |   |       |  | <p>Fire is very detrimental for forests and wild life. It requires preventive measures along with continuous vigil for control. For preventive measures cutting and burning of fire lines and continuous brushing up of forest roads is required. For control, local work force is engaged as fire watchers and camp watchers. For fire protection, fire watchers, vehicles etc. are needed.</p> <p>Fire is very detrimental for forests and wild life. It requires preventive measures along with continuous vigil for control. For preventive measures cutting and burning of fire lines and continuous brushing up of forest roads is required. For control, local work force is engaged as fire watchers and camp watchers. For fire protection, fire watchers, vehicles etc. are needed.</p> |
| Strengthening | Core Area: Maintenance of kuccha roads   | 16.22 | 4.2 | 45.00 | 1311.00 | 1311.000 Maintenance of Forest Road 1311 km (872 km hill and 439 km plain road) 6 Core Ranges 1311 km as per as job rate * 5000.000 = 6555000.000   | 5000.000  | 65.55 |  | <p>All the forest roads require annual maintenance. During the rains the soil is washed off and rains make road unpliable. Part of budget requirement is supported by state govt &amp; rest as shown is required under central assistance. The total road network in STR including core r is 1311 km. Since the terrain of STR is hilly, the amount currently available is insufficient to repair all the roads. The special repair of forest road will help in patrolling and in fire protection of the park, which will help in overall protection of the park. Note:- Map of road</p>  |
| 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 | 4.8 | 2.00  | 8.00    | <p>1.000 Books &amp; Periodicals for 6 core range * 100000.000 = 100000.000</p> <p>6.000 Environmental education to surrounding villagers and School children and interpretation material etc. for 6 core range * 50000.000 = 300000.000</p> <p>1.000 Wildlife Week Celebrations FOR 6 CORE RANGE * 100000.000 = 100000.000</p> | <p>200000.000</p> <p>100000.000</p> <p>300000.000</p> | 5.00  |  | <p>Useful books &amp; Daily news paper pertaining to wildlife management, forest managements, tourism maintenance etc. are proposed to be procured.</p> <p>Environmental education to surrounding villagers and School children. It is important for them to understand the importance of the protected area, hence the villagers and school children are proposed to be educated and sensitized.</p> <p>For conservation education and spreading awareness about wildlife protection among people &amp; students living in and around reserve.</p>   |
| Staff welfare | Core Area:   | 16.16 | 4.2 | 0.0   | 1.00    | 1.000 Purchase of   | 200000.000  | 2.00  |  | New solar lights are at   |

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|                     |                                 |      |      |      |      |   |                              |      |                                  |  |
|---------------------|---------------------------------|------|------|------|------|---|------------------------------|------|----------------------------------|--|
|                     | Maintenance of torch/ batteries |      |      |      |      | Solar light/Pump/ Battery Chargers for 6 core range *<br>200000.000 =<br>200000.000   |                              |      |                                  | needed to replace the old ones in the patrolling camps where electrification was done by Solar energy  |
| Habitat Improvement | Core Area: Weed eradication     | 16.3 | 10.4 | 1.00 | 2.00 | 1.000 Ipomoea eradication for Kamli 386 * 100000.000 = 100000.000<br><br>1.000 Ipomoea eradication for Churnain sakol 198 * 100000.000 = 100000.000 | 100000.000<br><br>100000.000 | 2.00 | 24.54, 78.23<br><br>22.46, 78.39 | Ipomoea is encroaching the areas along Tawa Reservoir which forms the boundary on western & northern sides. It is necessary to eradicate Ipomoea in two ranges as it hampers the production of grasses in the banks.<br><br>Ipomoea is encroaching the areas along Tawa Reservoir which forms the boundary on western & northern sides. It is necessary to eradicate Ipomoea in two ranges as it hampers the production of grasses in the banks. |
| Total (Recurring):  |                                 |      |      |      |      |   |                              |      |                                  | 778.18   |

| (Rs. In Lakhs) |                     |               |                    |
|----------------|---------------------|---------------|--------------------|
| S. No.         | Items               | Sanction      | Central Assistance |
| 1.             | Non-Recurring (60%) | 184.33        | 110.60             |
| 2.             | Recurring (50%)     | 778.18        | 389.09             |
| <b>Total</b>   |                     | <b>962.51</b> | <b>499.69</b>      |

| (Rs. In Lakhs)                                  |         |        |
|---|---------|--------|
| Cost of APO including State's share             | A       | 962.51 |
| Center's share in APO                           | B       | 499.69 |
| 1 <sup>st</sup> release @ 80% of Center's share | C=0.8*B | 399.75 |
| Less: Unspent balance FY 17-18                  | D       | 23.11  |
| Adjusted 1 <sup>st</sup> release                | E=C-D   | 376.64 |
| 2 <sup>nd</sup> release @ 20% of Center's share | F=0.2*B | 99.94  |

\* 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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