

No. 4-1(8)/2016-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 27th June, 2016

To,

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

Sub: Centrally Sponsored Plan Scheme 'Project Tiger' Administrative Approval for funds release to Bandhavgarh Tiger Reserve, Madhya Pradesh during 2016-17.

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Bandhavgarh Tiger Reserve, Madhya Pradesh at the cost of **Rs. 927.977 Lakhs (Rupees Nine hundred Twenty Seven Lakhs Ninety Seven thousand Seven hundred only)** as per details given in the annexure. Of the total cost of the scheme, Rs. 280.17 lakhs being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India** and the **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. 385.332 lakhs (Rupees Three hundred Eighty Five Lakhs Thirty Three thousand Two hundred only)** including of 10% flexi-fund to the State Government towards the Grants-in-aid to Government of Madhya Pradesh during the current financial year 2016-17. The balance amount of the Central Assistance will be released in due course after a review of the progress of expenditure/work is undertaken.

3. The grants-in-aid will be regulated in accordance with the provisions contained in the memorandum of the Centrally Sponsored Project Tiger Scheme. The Grants-in-Aid is also subject to the Chapter 9 of the General Financial Rules 2005, as amended from time to time, read with the Government of India's decision incorporated there-under, and any other guidelines which may be issued in this regard, and in particular to the following conditions:-

- (i) All relevant information and documents/certificates as required under GFR 209(I) have been received.
- (ii) The pattern of assistance of rules governing such grants-in-aid have received the approval of the Ministry of Finance, as required under Government of India decision No. (1) under DFPR-Rules 20.
- (iii) Terms and conditions of the service of the employees employed in the **Bandhavgarh Tiger Reserve** under the Project Tiger Scheme are not higher than those applicable to similar categories of employees of Central Government and where it is not in accordance with above,



- the relaxation of Ministry of Finance have been obtained for such discrepancies as required under GFR 208(6)(iv)(a).
- (iv) Assets acquired wholly or substantially out of Government Grants shall not be disposed off without obtaining the prior approval of the sanctioning authority of Grants-in-aid.
 - (v) The **Government of 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 **Bandhavgarh Tiger Reserve** shall be audited by C&AG or by any person authorized by him on his behalf in accordance with the provisions laid down in Section 14 of the C&AG (DPC) Act, 1972 as amended from time to time.
 - (vii) The accounts of the Project Tiger Scheme shall be open for inspection by the sanctioning authority and audit, both by the Comptroller & Auditor General of India under the provision of C&AG (DPC) Act, 1972 and internal audit party by the Principal Accounts Office of the Ministry whenever it is called upon.
 - (viii) The Utilisation Certificate against the earlier funds released under Grants-in-aid have been received and accepted by the competent authority.
 - (ix) Government of Madhya Pradesh in respect of **Bandhavgarh Tiger Reserve** may furnish their performance-cum-achievement report alongwith Utilisation Certificate in prescribed format on or before 31.3.2017.
 - (x) **Bandhavgarh 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 2015-16 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 **Bandhavgarh Tiger Reserve** will maintain a separate account and will present their annual accounts in the standard format as required under GFR 209(xiii).
 - (xiv) Grants-in-aid shall be utilized for **Bandhavgarh Tiger Reserve** strictly as per the Memorandum of Understanding (MOU) between the Ministry of Environment, Forest and Climate Change, acting through the National Tiger Conservation Authority, Field Director (Bandhavgarh 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) Payments are made by bank transfer and no cash payment is to be made.
 - (xxii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.



- (xxiii) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- (xxiv) The UCs with photographs and progress report are to be uploaded in the website of the State Government and Ministry for public viewing.
- (xxv) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxvi) In case of employment through contract, copy of PF & ESI of employees shall be furnished.
- (xxvii) UC is to be submitted as prescribed in GFR.
- (xxviii) If the implementing agency does not use the fund for the purpose for which it was given, it has to refund the same with interest.
- (xxix) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- (xxx) The sanction order must mention measurable physical parameters and all measurable parameters are to be adhered to,
- (xxxi) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxxii) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or G&AG.
- (xxxiii) All guidelines under the project is to be followed scrupulously.
- (xxxiv) The measurable outcome under the project (quantified) in terms of number of tigers in tiger reserve, eco-tourism in tiger reserve, %age decrease in man-animal conflict etc., 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 Planning Commission and the Ministry of Finance.
- (b) The grant sanctioned is subject to the adjustment on the basis of the terms and conditions approving the scheme.

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

7. **Further, Ministry of Finance, D/o of Expenditure, Plan Finance-II Division, vide O.M.No.55(5)/PF.II/2011 dated 06-01-2014, has introduced a flexi fund component within the Centrally Sponsored Schemes (CSS) to achieve the following objectives:**

- i) **To provide flexibility to States to meet local needs and requirements within the overall objective of each programme or scheme;**
- ii) **To pilot innovations and improved efficiency within the overall objective of the scheme and its expected outcomes;**



- iii) To undertake mitigation/restoration activities in case of natural calamities in the sector covered by the CSS.

The flexi-fund will be utilized by the State Government as per the guidelines issued by the Ministry of Finance, Government of India, read with guidelines of the Centrally Sponsored Scheme of Project Tiger in vogue, for utilisation in the tiger reserve.

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

9. The expenditure involved will be met from within the Sanctioned Budget Grants of Centrally Sponsored Project tiger Scheme under Demand No. 27, Ministry of Environment, Forest and Climate Change, Major Head 3601 – Grants-in-aid to the State Governments, 3601.02- Grants for State Plan Scheme, 3601.02.659-Environmental Forestry and Wildlife – Wildlife Preservation, 3601.02.659.04-Integrated Development of Wild Life Habitats, 3601.02.659.04.03- Project Tiger, 3601.02.659.04.03.31-Grants-in-aid General for the year 2016-17 (Plan).

10. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 293/AS & FA dated 21.6.2016.

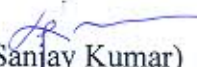
Yours faithfully,


(Sanjay Kumar)

Deputy 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 2016-17 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, Bandhavgarh 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 IG, 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.


(Sanjay Kumar)

Deputy Inspector General of Forests (PT)

**BANDHAVGARH TIGER RESERVE, MADHYA PRADESH
ANNUAL PLAN OF OPERATION FOR THE YEAR 2016-17**

(Rs. in lakhs)

| NON-RECURRING WORKS (CORE) | | | | | | | GPS | Justification |
|----------------------------|---|--------------|--------------------------------|--|------------------|--------------------------|----------------------------|--|
| Activity | Item | Para No. TCP | Current Financial Year | | | Total (Financial Target) | | |
| | | | No. of Items (Physical Target) | Specification / Description | Unit Price (Rs.) | | | |
| Anti-Poaching | Procurement field gear, night vision device, field dress, boots, binoculars | 4.1 | 39 No. | Binoculars, LED solar lights solar plate, solar chargers for wireless handsets. | 0.38 | 3.00 | - | To strength wireless network, patrolling camp minimum facility, communication device and computer accessories to strength the management facilities to have effective control over anti poaching activity. |
| Anti-Poaching | Establishing patrolling camps/chowkis/ staff quarters etc. Patrolling camps | 4.1 | 01 No. | Range Khitouli, Tedhka munara, RF-497 | 7.00 | 7.00 | 23°41'50.9" 80°54'16.8" | For better foot patrolling within the Tiger Reserve area to check illegal entry, illicit grazing and poaching, patrolling from inside camps is very important. This reduces the reaction time and is therefore more effective. |
| | | | 01 No. | Range Khitouli, Patpariha RF-368 | 7.00 | 7.00 | 23°42'24.2" 80°57'35.8" | |
| | | | 01 No. | Range Patour, Bodawah, RF-389 | 7.00 | 7.00 | 23°45'40.7" 80°55'17.9" | |
| | | | 01 No. | Range Patour, Charkwah, P-183A | 7.00 | 7.00 | 23°44'58.6" 81°00'28.2" | |
| Anti-Poaching | 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.) | 4.1 | 50 | 2 Units (1 Unit comprises of 4 ex-army gunmen, 6 ex-army jawans, 15 local people | 1.23 | 61.25 | - | As per GOI guideline issued by letter No. 7-10/2007-NTCA dated 30-10-07 and Technical paper No.3-1/2003-PT of Feb. 2008, to strengthen protection of park, all ranges will be provided with deployment of ex-servicemen & local work force in addition to vehicles / POL, patrolling gears etc.. Bandhavgarh TR has typical problem of invasion of villagers from adjoining human habitations. Deployment of ex-service men would help in checking biotic pressure and poaching in highly sensitive areas. |
| Strengthening | Construction of Garage / Shed. | 4.1 | 01 No. | FD Office Umaria Camps | 4.00 | 4.00 | 23°31'41.5" 80°49'49.2" | To protect the machinery and vehicle form adverse effect of weather the construction of shed is needed. |

| | | | | | | | | |
|--------------------------------|---|------|------------|---|-------|-------|--|--|
| Strengthening | Construction of Toilets | 4.1 | 02 No. | Range Tala, RF-335 | 3.50 | 3.50 | 23°43'14.6" 81°01'00.3" 23°43'15.7" 81°01'03.1" | To Have the minimum facility for tourist in tourism zone . |
| Strengthening | Construction of Kitchen | 4.1 | 02 No. | Range Tala, RF-335 | 3.50 | 3.50 | 23°43'09.8" 81°01'05.89" 23°43'08.3" 81°01'04.89" | In rest house tala kitchen is to old there fore new kitchen is proposed with modular facility. |
| Strengthening | Creation of road network. | 4.2 | 7 Km. | Road for parasi to Gohadi | 2.14 | 15.00 | 23°39'21.4" 80°56'04.4" 23°38'24.1" 80°58'53.4" | Parasi to Gohadi is important road connecting form man road tala to core area specially to Bahara camp and Magdhi. |
| Strengthening | Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring. | 4.5 | 01 No. | Carrying out Phase IV monitoring of tiger, Purchase Camra Trap, Batteries | 5.00 | 5.00 | - | For effective Tiger monitoring camera trap arc required to fit in selected grid point to no the identity and movement of tiger day by day as per establish protocol. |
| Strengthening | Procurement of Hardware. | 4.2 | 02 No. | Laptop And Desktop Computer | 0.50 | 1.00 | - | For tiger monitoring advance version computer & Laptop required. |
| Strengthening | Procurement of Software. | 4.2 | 20 No. | Anivirus Software | 0.001 | 0.25 | - | Purchas of Anti-virus software is proposed to keep the software free from virus and to ensure un-interrupted working. |
| Addressing man animal conflict | Procurement of tranquilizing equipments, darts, rescue vehicles, drugs. | 4.2 | 10 No. | Darts (3ml, 5ml, 10ml), needle, cylinder, silicon oil, | 0.25 | 2.50 | - | For Treatment of diseased animal dart is required. |
| Staff Development | Dissemination workshops. | 4.3 | 06 No. | All 06 Ranges Core zone | 2.00 | 2.00 | - | It is required that every study tour should be followed by an experience sharing dissemination session. Apart from this, it is also proposed to organize one workshop for EDC members of various eco-development committices of Bandhavgarh Tiger Reserve. |
| Project Allowance | 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 al categories. See from guide lines | 4.15 | 287 sataff | Field Staff 256, Ministerial Staf 31 Total Staf 287 | 0.08 | 22.00 | - | 1 FD, 1 JD, 6 ACF, 10 ROs, 9 Dy Ranger, 37 Forester, 137 Fgd, 1 Store keeper 7 Mahauts, 6 Characutters, 3 Driver, 12 Class III and 13Class IV. (@ of FD=Rs. 2000, DD= Rs.1500, ACF Rs.=1300, RO Rs.=1000, Dy RO Rs = 900, others Class III Rs.= 700, Class IV=400) |

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|-------------------------------------|---|------|----------|--|-------|---------------|-------------------------|--|
| Staff welfare | Provision for ration allowance to field staff | 4.15 | 759 No. | No of employed & Labour 759 | 0.16 | 20.00 | - | To ensure ration of the field staff and labourers as per GOI Gazette notification Dated 15 July 2014 Detail for emp. And labour, 37 forester, 137 FG, 189 Daink Vetan Bhogi and Computer Operator, 13 Ardali/Peon/cook, 3 Driver, 380 EDC Labour |
| Staff welfare | Supply of torch/ batteries | 4.16 | 1500 No. | - | 0.004 | 0.60 | - | For night patrolling purpose at torch & batteries are required. |
| | Total (Non-Recurring Core) | | | | | 171.60 | | |
| NON-RECURRING WORKS (Buffer) | | | | | | | | |
| Anti-Poaching | Establishing wireless network. | | 34 No. | Fixed/ Mobile sets with requisite accessories, battery, Hand held sets with requisite accessories, battery, Chargers, etc. | 0.21 | 7.30 | - | The wireless network in Bandhavgarh Tiger Reserve is the most important mode of communication. Hence strengthening of the present network by adding new sets to the existing ones and replacing old sets is necessary. |
| Anti-Poaching | Establishing of patrolling camps/chowkis/ buildings | | 01 No. | Range Panpatha Buffer, Jajagarh, | 7.00 | 7.00 | 23°49'52.5" 80°53'05.7" | For better foot patrolling within the Tiger Reserve area to check illegal entry, illicit grazing and poaching, patrolling from inside camps is very important. This reduces the reaction time and is therefore more effective. |
| | | | 01 No. | Range Panpatha Buffer, Karondiya | 7.00 | 7.00 | 23°58'40.5" 81°12'41.5" | |
| | | | 01 No. | Range Panpatha, Baraghati | 7.00 | 7.00 | 23°58'40.7" 81°12'41.5" | |
| | | | 01 No. | Range Manpur, Kchikidi sunset point, P-263 | 7.00 | 7.00 | 23°32'13.9" 81°14'03.5" | |
| | | | 01 No. | Range Manpur, Mirchani, P-350 | 7.00 | 7.00 | 23°43'24.7" 81°06'15.7" | |
| Anti-Poaching | Legal support for defending court cases. | | 01 No. | - | 0.50 | 0.50 | - | To get additional legal support for defending court cases by engaging services of independent lawyers. |
| Strengthening | construction of Foresters Quarters | | 01 No. | Range Dhamokhar, R.A. Rohaniya | 8.00 | 8.00 | 23°30'30.1" 81°00'17.9" | |
| Strengthening | Construction of Rangers Quarters. | | 01 No. | Rager Quarters Manpur | 15.00 | 15.00 | 23°45'45.8" 81°07'23.4" | To Develop the residential facility to range officer at his posting place, for effective wild life conservation. |
| Strengthening | Construction of Gate/ Check-posts. | | 01 No. | Range Manpur, Chinki, R-279 | 3.50 | 3.50 | 23°28'54.5" 81°11'49.2" | Construction of barrier huts at important barriers are required so that the staff can stay there day and night in all the seasons and check the entry of persons and their vehicles regularly. |
| | | | 01 No. | Range Panpatha, Ghorighat | 3.50 | 3.50 | 23°56'22.5" 81°13'46.9" | |

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|-------------------------------|---|-----|------------|--|------|--------------|-------------------------|--|
| | | | 01 No. | Range Dhamokhar, Beherhai | 3.50 | 3.50 | 23°29'13.6" 81°06'07.7" | |
| Strengthening | Procurement of hardware, software, manpower, training, gps, etc. | | 02 No. | Laptop, Desktop and accessories, software | 0.60 | 1.20 | - | The old Desktop and laptop Computers need replacement. |
| Staff welfare | Supply of mosquito net/ field kit | | 200 No. | Buffer 03 Ranges | 0.02 | 1.00 | - | The field staff of the Tiger Reserve serves in difficult and remote areas and is subjected to endemic diseases like Malaria, Dengue, Water-borne infections, snake bites apart from facing the risks of chance encounters with wild animals. They need immediate medical help before taking them to near by hospitals for further treatment. patrolling camps, barriers, wireless stations in remote areas will be given the first aid kits. |
| Eco-Development | Basic health care/ Health Camps | | 01 No. | 30 persons (15 Villages) | 1.44 | 1.44 | - | Each village selected and educated women have to be edited residential training for 6 days |
| Eco-Development | To carry out prophylactic immunization of cattle in and around Tiger Reserve. | | 60 Village | Approximately 1.30 lac cattle population are present in 162 villages of 5km periphery of BTR. | 0.01 | 2.00 | - | To immunize cattle of peripheral villages of Bandhavgarh Tiger Reserve as per section 33(a) of Wildlife (Protection) Act, 1972. |
| Eco-Development | creating drinking water facility by bore well & Supply pip line in EDC Patrai Range Dhamokhar | | 01 No. | Range Dhamokhar water facility by bore well & Supply pip line | | 10.00 | 23°40'08.9" 80°46'30.2" | EDC patrai range Dhamokhar is facing scarcity & drinking water by bore well & pump line is can be solve so it is good will can be generated will help in wild life conservation. |
| | Total (Non-Recurring Buffer): | | | | | 91.94 | | |
| RECURRING WORKS (CORE) | | | | | | | | |
| Anti-Poaching | Deployment of camp labourers for patrolling. | 4.1 | 470 No. | Wages for labourers in patrolling camps / wireless stations/barriers, labours, Mahaouts & chara cutters computer operators and other labourers to working in different camps/offices & Sepcial Mansoon | 0.72 | 338.01 | - | In the wake of increasing threats from anti-social elements, poachers and thieves, the protection is to be done on top priority basis. Since the regular staff is very limited, engaging local labourers as patrolling camp watchers, wireless attendants, computer operators, barrier guards, drivers, mahaouts, characutters etc. on round the year basis is must for ensuring |

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|---------------|---|-----|---------|--|------|-------|----------------------------|--|
| | | | | | | | | proper protection and smooth functioning throughout the area. |
| Anti-Poaching | Maintenance of existing patrolling camps/chowkis. | 4.3 | 01 No. | Range Khitouli, Medra, RF-493 | 1.00 | 1.00 | 23°41'16.3" 80°50'80.5" | Maintenance of patrolling camps are required so that the staff can stay there day and night in all the seasons and tiger monitoring is regularly. |
| | | | 01 No. | Range Khitouli, Pachpedhi, RF-501 | 1.00 | 1.00 | 23°42'50.3" 80°52'44.4" | |
| | | | 01 No. | Range Khitouli, Ranchha | 1.00 | 1.00 | 23°38'31.7" 80°52'10.3" | |
| | | | 01 No. | Range Magdhi, Badrehal (M2), RF-268 | 1.00 | 1.00 | 23°35'31.0" 80°58'39.8" | |
| | | | 01 No. | Range Magdhi, Baheraha, RF-294 | 1.00 | 1.00 | 23°36'57.1" 81°00'10.5" | |
| Anti-Poaching | Maintenance of wireless network. | 4.1 | 373 No. | BTR Umaria | 0.02 | 5.71 | - | |
| Anti-Poaching | Maintenance of vehicles(boats, motorbikes, mobility) | 4.1 | 71 No. | Maintenance and hiring of vehicles(boats, motorbikes, mobility) | 0.43 | 30.50 | - | The use of patrolling vehicles round the clock is a necessity for protection. Since most of the vehicles are old, they also require continuous repairing. To meet running and maintenance cost this amount is an absolute necessity. |
| Anti-Poaching | Maintenance of elephants and there accessories. | 4.1 | 12 No. | For 8 Adults and 4 sub-adult/ juvenile Elephant | 0.92 | 11.00 | - | To provide proper food, medicines and hygeinic conditions to the elephants which are used for protection and tourism. |
| Anti-Poaching | Rewards to informers. | 4.5 | 01 No. | - | 0.30 | 0.30 | - | To reward the informers who provide valuable information to detect forest and wildlife crimes. |
| Anti-Poaching | Legal support for defending court cases. | 4.5 | 01 No. | - | 0.50 | 0.50 | - | To get additional legal support for defending court cases by engaging services of independent lawyers. |

| | | | | | | | | |
|---------------|---|-----|-----------|---|------|-------|---------------------------|---|
| Strengthening | Maintenance of fire lines and firebreaks. | 4.1 | 1500 km | Vehicles, Manpower and Fire line maintenance. | 0.02 | 25.00 | - | Fire protection is very important activity in the TR as fire causes maximum damage to the forest and does have profound effects on forest communities and wildlife. Though fires usually do not kill a large number of animals, they do harm micro-fauna, and vastly alter wildlife habitats. A general ecological effect of fire is to reverse the process of natural plant succession. It is caused by careless passerby, collectors of Mahua flowers irresponsible graziers, poachers and criminal minded local people. Therefore intensive fire protection is essential. For this purpose vehicles at Range Asstt. Circle levels (14 nos.) and additional labourers as fire watchers (about 90-100) are deployed during fire season apart from maintenance of about 1500 km length of fire lines. |
| Strengthening | Maintenance of Range Office | 4.2 | 01 No. | Range office Khitouli | 1.00 | 1.00 | 23°42'25.7" 80°50'27.0" | The old existing buildings need annual maintenance. |
| | | | 01 No. | Range office Patour | 1.00 | 1.00 | 23°43'25.5" 81°01'15.6" | |
| | | | 01 No. | Range office Kallwah | 1.00 | 1.00 | 23°43'16.21" 81°01'04.59" | |
| | | | 01 No. | Range office, Tala | 1.00 | 1.00 | 23°43'16.48" 81°01'04.54" | |
| Strengthening | Maintenance of SDO/ ACF Office | 4.2 | 01 No. | ACF office Tala, RF-335 | 1.00 | 1.00 | 23°43'16.48" 81°01'04.54" | The old existing buildings need annual maintenance. |
| | | | 01 No. | ACF office Kallwah, RF-335 | 1.00 | 1.00 | 23°43'16.48" 81°01'04.54" | |
| Strengthening | Maintenance of FD Office | 4.2 | 01 No. | FD office Umaria | 2.00 | 2.00 | 23°31'40.5" 80°49'44.2" | The old existing buildings need annual maintenance. |
| Strengthening | Maintenance of Gate/ Check-posts. | 4.2 | 01 No. | Range Magdhi Parasi | 0.50 | 0.50 | 23°35'53.6" 81°55'24.3" | Barrier huts at important barriers are maintenance required so that the staff can stay there day and night in all the seasons and check the entry of persons and their vehicles regularly. |
| | | | 01 No. | Range Khitouli, Check post Khitouli | 0.50 | 0.50 | 23°42'23.8" 80°50'28.0" | |
| | | | 01 No. | Range Panpatha, Check post Panpatha | 0.50 | 0.50 | 23°52'12.1" 81°00'14.5" | |
| | | | 01 No. | Range Tala, Check post Tala, RF-335 | 0.50 | 0.50 | 23°43'15.05" 81°00'59.06" | |
| Strengthening | Maintenance of road network. | 4.2 | 104.50 km | Range Magdhi, RF-258B | 0.05 | 5.50 | - | The roads which are used either for round the year patrolling or for tourism or for |
| | | | 147.60 km | Range Khitouli | 0.05 | 7.76 | - | |

| | | | | | | | | |
|---------------------|---|-----|-----------|--|------|-------|----------------------------|---|
| | | | 110.00 km | Range Tala | 0.05 | 5.79 | - | both the purposes, need to be upgraded because of their heavy wear and tear and sandy nature of the soil. |
| | | | 96.95 km | Range Kallwah | 0.05 | 5.10 | - | |
| | | | 57.50 km | Range Patour | 0.05 | 3.02 | - | |
| | | | 80.71 km | Range Panpatha | 0.05 | 4.25 | - | |
| Strengthening | Maintenance of anicuts, Stop Dam-cum-Bridge, Culvert, Irish Bridge. | 4.2 | 01 No. | Water hole Range Tala, Jmuniha nala RF-336 | 2.15 | 2.15 | 23°39'17.1" 81°03'12.6" | To insure availability of water as much as possible throughout the area during the summer season so that the entire habitat is evenly used by the wild animals. |
| | | | 01 No. | Range Tala, Majua, RF-338 | 2.14 | 2.14 | 23°42'54.0" 81°04'04.2" | |
| | | | 01 No. | Range Tala, Kholiya, RF-338 | 2.14 | 2.14 | 23°42'53.6" 81°04'25.5" | |
| | | | 01 No. | Range Tala, Amanala, RF-313 | 2.14 | 2.14 | 23°45'29.4" 80°57'01.4" | |
| | | | 01 No. | Range Tala, Khamreha, RF-327 | 2.14 | 2.14 | 23°41'25.9" 81°05'15.0" | |
| | | | 01 No. | Range Tala, Hardiha, RF-305 | 2.14 | 2.14 | 23°39'29.6" 81°03'16.8" | |
| | | | 01 No. | Range Tala, Jmuniha, RF-336 | 2.15 | 2.15 | 23°39'17.1" 81°03'12.6" | |
| Strengthening | Maintenance of Hardware. | 4.1 | 40 No. | Computers-20 Printers-10, GPS-20, Photocopiers-5, Fax machines-3, LCD Projectors-3, Cameras-10, Plotter-1, Scanner-4 | 0.05 | 2.00 | - | The number of digital equipments such as computers, printers, plotter, LCD projector, GPS, photocopiers, facsimile machine etc. are increasing day-by-day and their maintenance and the consumables used requires good amount of money. Now-a-days these equipment are the backbone of office business. Hence, this amount is absolutely required for proper running of the offices under Bandhavgarh Tiger Reserve. |
| Habitat Improvement | Weed eradication | 4.3 | 100 Ha. | Range Magdhi, RF 258B | 0.10 | 10.00 | 23°34'55.2" 81°01'12.9" | At present various weed species such as, sida etc. invade grasslands. Also grasslands are encroached upon by woody species such as, Butea and Lagerstroemia etc. Some nalas and rivers also drain into grasslands thereby hampering grass productivity because of sand deposition. Grasslands are prime habitat for chital, which is the major prey base of tiger, the umbrella species. Hence to maintain these existing grasslands, removal |
| | | | 20 Ha. | Range Khiouli, Kandahar RF-359 | 0.10 | 2.00 | 23°40'25.7" 80°52'60.6" | |
| | | | 20 Ha. | Range Khiouli, Takhtihar RF-494, | 0.10 | 2.00 | 23°40'54.0" 80°50'31.9" | |
| | | | 20 Ha. | Range Khiouli, Barha talab RF-363 | 0.10 | 2.00 | 23°41'28.0" 80°57'14.8" | |
| | | | 20 Ha. | Range Khiouli, Karimati RF-373, | 0.10 | 2.00 | 23°43'29.6" 80°54'19.5" | |
| | | | 20 Ha. | Range Khiouli, Dhamdma RF-502 | 0.10 | 2.00 | 23°43'16.5" 80°54'12.3" | |
| | | | 20 Ha. | Range Khiouli, Belharihar RF-360 | 0.10 | 2.00 | 23°40'23.9" 80°52'53.1" | |

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|---------------------------------|--|-----|---------|--|------|---------------|-------------------------|--|
| | | | 180 Ha. | Range Panpatha, Badwah | 0.10 | 18.00 | 23°55'18.8" 80°05'32.4" | of weeds, brushwood and simultaneously taking up soil conservation measures are required so that these grasslands serve the purpose of providing good forage to herbivores. |
| | | | 100 Ha. | Rnage Kallwah, RF-252B | 0.10 | 10.00 | 23°34'16.8" 81°07'46.2" | |
| Habitat Improvement | Grass land improvement, wetland improvement | 4.3 | 200 Ha. | Range Magdhi, Beat Milli | 0.09 | 18.00 | 23°33'14.1" 81°02'56.2" | To improve of grassland for herbivores. |
| | | | 94Ha. | Range Panpatha, Badwah | 0.09 | 8.46 | 23°55'18.8" 81°05'32.4" | |
| | | | 28 Ha. | Range Tala, Rajbahra | 0.09 | 2.54 | 23°40'01.6" 81°00'47.3" | |
| | Total | | | | | 553.44 | | |
| RECURRING WORKS (Buffer) | | | | | | | | |
| Anti-Poaching | Maintenance of wireless network. | | 15 No. | | 0.07 | 1.00 | - | The wireless network in Bandhav-garh Tiger Reserve is the most important mode of communication. Hence, continuous maintenance of the present network is necessary. |
| Anti-Poaching | Operation Monsoon- Ensuring special site specific protection measures during monsoon considering the terrain and accessibility of Protected Areas. | | 45 No. | Operation Monsoon for special monsoon patrolling (15 Labour each 03 ranges for buffer) | 0.21 | 9.45 | - | During monsoon the approachability inside the Tiger Reserve is greatly reduced by vehicles because of seasonal flooding at road crossings and also due to poor road conditions. During this period the only effective means of patrolling is on foot. Hence to cover the whole area more effectively by a group of 2-3 watchers per patrolling camp, additionally about 45 local persons are required to be employed during monsoon season i.e., from mid July to mid October. |
| Strengthening | Maintenance of Computers Accessories. | | 06 No. | Computers Accessories | 0.25 | 0.50 | - | The number of digital equipments such as computers, printers, GPS, photocopiers, facsimile machine etc. are increasing day-by-day and their maintenance and the consumables used requires good amount of money. Now-a-days these equipment are the backbone of office business. Hence, this amount is absolutely required for proper running of the offices under Bandhavgarh Tiger Reserve. |

| | | | | | | | |
|---------------|---|--------|-------------------------------|------|---------------|-------------------------|---|
| Strengthening | Maintenance of Forest Guard Quarters. | 01 No. | FG Quarters, Badkhera, P-365 | 0.75 | 0.75 | 23°38'58.2" 81°07'36.5" | The existing old buildings need special maintenance to increase their life and also to safely and conveniently house staff. |
| | | 01 No. | FG Quarters, Samarkoni, P-367 | 0.75 | 0.75 | 23°38'58.2" 81°07'36.5" | |
| | | 01 No. | FG Quarters Gobralal, P-376 | 0.75 | 0.75 | 23°38'34.2" 81°10'31.3" | |
| Strengthening | Maintenance of Rangers Quarters. | 01 No. | Range, Manpur | 1.00 | 1.00 | 23°45'45.8" 81°07'23.4" | The existing old buildings need special maintenance to increase their life and also to safely and conveniently house staff. |
| | | 01 No. | Range Panpatha, | 1.00 | 1.00 | | |
| Strengthening | Maintenance of Range Office | 01 No. | Dhamokhar | 1.00 | 1.00 | 23°37'53.7" 80°55'22.7" | The existing old buildings need special maintenance to increase their life and also to safely and conveniently house staff. |
| | | 01 No. | Manpur | 1.00 | 1.00 | 23°45'36.6" 81°06'57.5" | |
| | | 01 No. | Panpatha | 1.00 | 1.00 | | |
| | Total | | | | 18.20 | | |
| | Non-Recurring Core | | | | 171.60 | | |
| | Non-Recurring Buffer | | | | 91.94 | | |
| | Non Recurring (Core+Buffer) | | | | 263.54 | | |
| | Recurring Buffer | | | | 18.20 | | |
| | Recurring Core | | | | 553.44 | | |
| | Recurring (Core+Buffer) | | | | 571.64 | | |
| | Grand Total (Non-Recurring + Recurring Core+Buffer): | | | | 835.18 | | |

(Rs. In Lakhs)

| S. No. | Items | Sanction | Central Assistance |
|--------|---|---|---|
| 1. | Non-Recurring (60%) | 263.54 | 158.124 |
| 2. | Eco development (60%) | -- | |
| 3. | Recurring (50%) | 571.64 | 285.82 |
| 4. | Sub Total | 835.18 | 443.944 |
| 5. | 10% Flexi-fund (x/9) | 92.797 | 49.327 |
| 6. | Total (X) | 927.977 | 493.271 |
| 7. | Adjustment of balance of previous year 2015-16 including amount to be adjusted due to revised funding pattern | 9.285 (Rs. 7.304 unspent amount of 2015-16 + Rs. 1.981 Lakhs adjustment of funding pattern scheme = Rs. 9.285 Lakhs) | 9.285 (Detail is same as in previous column) |
| 8. | Grand Total | 918.692 | 483.986 |

(Rs. In Lakhs)

| | | |
|---|------------------|---------|
| Cost of APO including State's share (including Flexi Fund) | A | 927.977 |
| Centre's share in APO (without Flexi Fund) | B | 443.944 |
| FF on Centre's share | $C=B/9$ | 49.327 |
| Centre's share including FF | $D=B+C$ | 493.271 |
| 1 st release @ 80% of Centre's share | $E=0.8*D$ | 394.617 |
| Less: Unspent balance FY 15-16 including amount to be adjusted due to revised funding pattern | F | 9.285 |
| Adjusted 1 st release including FF | $G=E-F$ | 385.332 |
| 2 nd release @ 20% of Centre's share | $I=0.2*D$ | 98.654 |
| Total release towards APO in FY 16-17 | $J=(9/10)*(G+I)$ | 435.587 |
| Total release towards FF in FY 16-17 | $K=(1/10)*(G+I)$ | 48.399 |
| Grand total release in FY 16-17 | $L=G+I$ | 483.986 |
| Total effective release including USB | $L+F$ | 493.271 |
| Effective release for APO activities | $J+0.9*F$ | 443.944 |
| Effective release for FFs | $K+0.1*F$ | 49.327 |

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