

**No. 4-1(8)/2019-PT**  
Government of India  
Ministry of Environment, Forest and Climate Change  
Project Tiger Division

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**Dated the 27<sup>th</sup> September, 2019**

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 Bandhavgarh Tiger Reserve, Madhya Pradesh during 2019-20 -reg.**

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. 926.26 Lakhs (Rupees Nine hundred Twenty Six lakhs Twenty Six thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 744.08 Lakhs (Rupees Seven hundred Forty Four lakhs Eight 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. 384.96 lakhs (Rupees Three hundred Eighty Four lakhs Ninety Six 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 2019-20. 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 **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,

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- 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 **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, 1971 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, 1971 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 **Bandhavgarh Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2020.
  - (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 2019-20 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 230(5).
  - (xiv) Grants-in-aid shall be utilized for **Bandhavgarh 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 (**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) 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) Funds for POL / maintenance of vehicles would be admissible only for the vehicles purchased from CSS funds.

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- (xxiv) Funds released under the scheme shall not be diverted for any activity other than specified herein.
- (xxv) As the final TCP of Bandhavgarh Tiger Reserve has not been submitted yet, therefore funds to be spent only on items proposed in TCP. No subsequent funds shall be released without submission of final TCP.
- (xxvi) Compensation for loss due to wildlife is to supplement the State Government fund as per the rules of State Government.
- (xxvii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.
- (xxviii) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- (xxix) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxx) In case of employment through contract, copy of PF & ESI contributions of employees shall be obtained wherever applicable.
- (xxxi) 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.
- (xxxii) 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.
- (xxxiii) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- (xxxiv) The sanction order must mention measurable physical parameters and all measurable parameters are to be adhered to.
- (xxxv) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxxvi) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or C&AG.
- (xxxvii) All guidelines under the project is to be followed scrupulously.
- (xxxviii) 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.
- (xxxix) 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.
- (xl) All labour payments strictly by DBT.
- (xli) The guidelines of Project Tiger Schemes are followed by concerned Tiger Reserve and Expenditure Evaluation Report on the expenditure incurred vis-à-vis proposed activities and result achieved may be furnished before release of 2<sup>nd</sup> installment.

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.

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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. 25 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2019-20 :

Scheme	Budget Head	
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	115.49
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	76.99
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	192.48
<b>Total</b>		<b>384.96</b>

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 127047/AS&FA (PG) dated 24.9.2019.

Yours faithfully,

*Nishant Verma*  
(Nishant Verma) 27/9/19  
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 2019-20 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. 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.

*Nishant Verma 27/9/19*  
(Nishant Verma)  
Deputy Inspector General of Forests (PT)





7	Core Area, Creation of fire lines and firebreaks.	4.2	1500.000 Maintenance of fire lines and firebreaks. Vehicles, Manpower and Fire line maintenance. (Burning line = 1500 km x 1447/km @21.70) (Fire Watchers = 6 x 10 x 5 = @285 = 7.37) (Vehicles = 6 x 1 x 60 day @ 28000 per month) (Note - 754 km in core area & 746 km in Buffer Zone).	1500	1500	20.00	13.21	1500.000 Maintenance of fire lines and firebreaks. Vehicles, Manpower and Fire line maintenance. (Burning line = 1500 km x 1447/km @21.70) (Fire Watchers = 6 x 10 x 5 = @285 = 7.37) (Vehicles = 6 x 1 x 60 day @ 28000 per month) (Note - 754 km in core area & 746 km in Buffer Zone).	1500	20.00	13.21	1500.000 Maintenance of fire lines and firebreaks. Vehicles, Manpower and Fire line maintenance. (Burning line = 1500 km x 1447/km @21.70) (Fire Watchers = 6 x 10 x 5 = @285 = 7.37) (Vehicles = 6 x 1 x 60 day @ 28000 per month) (Note - 754 km in core area & 746 km in Buffer Zone).	1500	20.00	13.21	1500.000 Maintenance of fire lines and firebreaks. Vehicles, Manpower and Fire line maintenance. (Burning line = 1500 km x 1447/km @21.70) (Fire Watchers = 6 x 10 x 5 = @285 = 7.37) (Vehicles = 6 x 1 x 60 day @ 28000 per month) (Note - 754 km in core area & 746 km in Buffer Zone).	1500	20.00	13.21	1500.000 Maintenance of fire lines and firebreaks. Vehicles, Manpower and Fire line maintenance. (Burning line = 1500 km x 1447/km @21.70) (Fire Watchers = 6 x 10 x 5 = @285 = 7.37) (Vehicles = 6 x 1 x 60 day @ 28000 per month) (Note - 754 km in core area & 746 km in Buffer Zone).				
9	Core Area, Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring.	4.2	1.000 Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring. Carrying out Phase IV monitoring of tiger. Purchase Camera Trap, Batteries, Batteria Incessor, TG monitoring, Census 1, Camera Batteries 6 Volt 1200 No. Rs. 400/- each (1200 No. x 400/- = 480000) 2. Memory Card 500 No. Rs. 340/- each (500 No. x 340/- = 170000) * 650000.000 = 650000.000	1	1	6.50	0.99	Carrying out Phase IV monitoring of tiger. Purchase/Repair of Camera Trap, memory, card Batteries (100*1000=1,00,000) and Mobilephone (100*8800=8,80,000) FD- 01 JD- 01 ACF- 06 Ranger- 14 Dy Ranger- 16 Forester- 44 Forest Guard- 195	1	6.50	0.99	Carrying out Phase IV monitoring of tiger. Purchase/Repair of Camera Trap, memory, card Batteries (100*1000=1,00,000) and Mobilephone (100*8800=8,80,000) FD- 01 JD- 01 ACF- 06 Ranger- 14 Dy Ranger- 16 Forester- 44 Forest Guard- 195	1	6.50	0.99	Carrying out Phase IV monitoring of tiger. Purchase/Repair of Camera Trap, memory, card Batteries (100*1000=1,00,000) and Mobilephone (100*8800=8,80,000) FD- 01 JD- 01 ACF- 06 Ranger- 14 Dy Ranger- 16 Forester- 44 Forest Guard- 195	1	6.50	0.99	Carrying out Phase IV monitoring of tiger. Purchase/Repair of Camera Trap, memory, card Batteries (100*1000=1,00,000) and Mobilephone (100*8800=8,80,000) FD- 01 JD- 01 ACF- 06 Ranger- 14 Dy Ranger- 16 Forester- 44 Forest Guard- 195	1	6.50	0.99	Carrying out Phase IV monitoring of tiger. Purchase/Repair of Camera Trap, memory, card Batteries (100*1000=1,00,000) and Mobilephone (100*8800=8,80,000) FD- 01 JD- 01 ACF- 06 Ranger- 14 Dy Ranger- 16 Forester- 44 Forest Guard- 195
10	Core Area, Procurement of Hardware	4.2	2.000 Procurement of Hardware * 100000.000 = 200000.000	3	3	2.00	0.00	Procurement of Hardware. (Laptop Computer 1 for GIS Work and Printer 1 -t laser Printer) HQ Umeria * 400000.000 = 400000.000	3	2.00	0.00	Procurement of Hardware. (Laptop Computer 1 for GIS Work and Printer 1 -t laser Printer) HQ Umeria * 400000.000 = 400000.000	3	2.00	0.00	Procurement of Hardware. (Laptop Computer 1 for GIS Work and Printer 1 -t laser Printer) HQ Umeria * 400000.000 = 400000.000	3	2.00	0.00	Procurement of Hardware. (Laptop Computer 1 for GIS Work and Printer 1 -t laser Printer) HQ Umeria * 400000.000 = 400000.000				

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11	Core Area: Procurement of Software.	4.2	20,000 Procurement of Software * 1250,000 = 25000,000	20	20	0.25	0.20	20,000 Procurement of Software * 1250,000 = 25000,000	0.25	Purchase of Anti-virus software & other
12	Core Area: Procurement of tranquilizing equipments, darts, rescue vehicles, drugs.	4.4	10,000 Procurement of tranquilizing equipments, darts, rescue vehicles, drugs. In BTR * 100000,000 = 1000000,000 1,000 Wild animals rescue training * 250000,000 = 250000,000	11	11	1.00	0.99	Procurement of tranquilizing equipments: Darts (3ml, 5ml, 10ml), needle, cylinder, silicon oil, squeeze cages/dugs AV 06 Ranges Core zone	2.00 1.00	For Treatment of diseased animal dart medicine is required. Squeeze cage required for restraining the animal Wild life rescue training for field staff and TPF is necessary for wild life management apart from this it is proposed to organised workshops for EDC members of various eco development committees on man animal conflict resolution, and other subjects Training for M-stripes patrol modules is required for effective implementation of M-stripes
13	Core Area: Dissemination workshops.	4.3	3,000 Dissemination workshops. All 06 Ranges Core zone * 200000,000 = 600000,000	3	3	4.00	3.20	Training workshops on M-stripes patrol module and wildlife crime etc. Field Staff 309, Ministerial Staff 29 Total Staff 338, Vacant post 88	3.00 60.38	Project Tiger Allowance due on financial year 2018-19 amount is include. 1 FD, 1 JD, 6 ACF, 01 Veterinary doctor, 14 ROs, 16 Dy Ranger, 44 Forester, 195 Fgd, 1 Store keeper, 3 Head Mahouts, 9 Mahouts, 12 Charcutiers, 6 Driver, 17 Class III (JUDC/ILDC), 10 Class 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)
14	Core & Buffer 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	4.15	-	-	-	0.00	0.00	No of employed & Labour 802, Vacant post 54	22.00	To ensure ration of the field staff and labourers as per GOI Gazette notification Dated: 15 July 2014 Detail for emp. And labour: 44 forester, 195 FG, 03 Head Mahouts, 09 Mahouts, 12 Charcutiers, 6 Drivers, 2 wireless operator & Technician, 1 Godam Keeper, 110 Shihai Karnal, 420 EDC Labour.
15	Core & Buffer Area: Provision for ration allowance to field staff: Constable	4.8	575,000 Provision for ration allowance to field staff No of employed & Labour 575 (Staff of Core Zone and Buffer Zone Labour 575) * 7830,000 = 4502250,000	575	575	22.09	21.70		22.00	
Sub Total: Ministerial Staff						275.21	63.98		176.00	

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NON-RECURRING WORKS (Buffer)

21	Buffer Area: Legal support for defending court cases.	4.1	1.000 Legal support for defending court cases. BTR Umanita * 55000.000 = 35000.000	1	1	0.55	0.00	Legal support for defending court cases.	1.00	To get additional legal support for defending court cases by engaging services of independent lawyers.
24	Buffer Area: Supply of mosquito net/ field kit	4.1	150.000 Supply of mosquito net/ field kit Supply of mosquito net/ field kit Buffer 03 Ranges (150 No. x 1400.00 = 2.10 Lakhs) * 1400.000 = 210000.000	150	150	2.10	1.52	Supply of jungle boots, uniform, snake catchers, mosquito net/ field kit	2.10	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.
26	To carry out prophylactic immunization of cattle in and around Tiger Reserve.					2.85	4.52	All 143 buffer villages and 07 core villages	3.00	To immunize cattle of peripheral villages of Bandhavgarh Tiger Reserve as per section 33(a) of Wildlife (Protection) Act, 1972.
RECURRING WORKS (CORE)										
27	Core Area: Maintenance of wireless network.	4.2				130.49	64.48	Fixed/ Mobile sets with requisite accessories, battery. Hand field sets with requisite accessories, battery, Chargers, etc.	2.00	The National Park at present 492 wireless sets which need regular maintenance including repairs, replacement of batteries, accessories etc.

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28	Core Area: Deployment of camp labourers for patrolling	4.1	129,000	129	129	294.39	281.13	470 No.	447.15	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 watchmen, wireless attendants, computer operators, barrier guards, drivers, mechanics, charcutiers etc. on round the year basis is must for ensuring proper protection and smooth functioning throughout the area.
29	Core Area: Legal support for defending court cases.	4.1	Deployment of camp labourers for patrolling. Wages for labourers in patrolling camps / wireless stations/barriers, labours, Mechanics & chara cutters computer operators and other labourers to working in different camps/offices & Sargol Mansoon 389 No. * 317054.000 = 40899966.000	1	1	0.55	0.00		1.00	To get additional legal support for defending court cases by engaging services of independent lawyers.
30	Core Area: Maintenance of vehicles, boats	4.2	1,000 Legal support for defending court cases. * 55000.000 = 55000.000 71,000 P.O.L purchases for vehicles (boats, motorcycles, mobility) Maintenance and hiring of vehicles (70 No.), boats, motorcycles, mobility) * 46478.000 = 3293938.000 71,000 Maintenance of vehicles and P.O.L (boats, motorcycles, mobility) BTR Uman * 23235.000 = 1649585.000	142	142	30.00	29.73	Maintenance and hiring of vehicles/boats, motorcycles, mobility)	40.00	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 recurring and maintenance cost this amount is an absolute necessity.

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31	Core Area: Maintenance of existing patrolling camps/shows and deployment of camp labourers for patrolling.	4.2	101.000	Maintenance of existing patrolling camps/shows. And Other building Range Magdhi (16 No.) Range Khatkhat (24 No.) Range Kalkhat (9 No.) Range Parpatha (16 No) Range Pakur (17 No) Range Tale (19 No) @ 6900/- each * 6900.000 = 686900.000	101	101	6.97	5.36	0.00	0.03	Range Tale Khatkhat Camp N23°42'21.4" E90°59'10.1"	1.00	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.
32	Core Area: Maintenance of wireless tower.	4.2	373.000	Maintenance of wireless network. BTR Umata (22 No. Fixed Station GPS Reading attached and 351 no. handsets) * 1750.000 = 652750.000	373	373	6.53	0.00	0.00	Maintenance of wireless network.	4.00	The wireless network in Bandhav-gadh Tiger Reserve is the most important mode of communication. Hence, continuous maintenance of the present network is necessary.	
33	Core Area: Procurement/Maintenance of elephants squads	4.1	13.000	Maintenance of elephants and there accessories. For 8 Adults and 4 sub-adult/ juvenile Elephant * 110000.000 = 1430000.000	13	13	14.30	9.93	0.00	For 15 Adults and 2 sub-adult/ juvenile Elephant	10.00	To provide proper food, medicines and hygienic conditions to the elephants which are used for protection and tourism.	
34	Core Area: Rewards to Informer	4.1	1		1	1	0.50	0.10		Rewards to Informer	0.50	To reward the Informer who provide valuable information to detect forest and wildlife crimes.	

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35	Core Area Maintenance of ancients, Stop Dam-cum- Bridge, Culvert, Insh Bridge.	4.2	107 000	Maintenance of ancients, Stop Dam-cum-Bridge, Culvert, Insh Bridge, Range Magdhi, Wale Hole 7.18 No. 3.60 Lakh, Range Kallivah, Wale Hole 27 No. 4.05 Lakh, Range Khitoli, Wale Hole -18 No. 2.70 Lakh Range Tale, Wale Hole - 29 No. 5.25 Lakh Range Patour, Wale Hole -15 No. 2.25 Lakh * 16663.000 = 1785061.000	107	107	17.85	6.26	0.00	0.00	Range Tale Mahaman Dam 321 N23°38'56.6" E80°58'17.5"	01 Nos.	2.50	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.
37	Core Area Maintenance of FD Office	4.2	1.000	Maintenance of FD Office Umara 500000.000 = 500000.000 N23°31'41.5" E80°49'49.2" E80°49'49.2"	1	1	2.00	1.99	0.00	0.00	Maintenance of FD Office Umara N23°31'41.5" E80°49'49.2"	01 Nos.	4.00	The old existing buildings need annual maintenance.
33	Core Area Maintenance of Forest Guard Quarters.	4.2	11.000	Maintenance of Forest Guard Quarters, Range Magdhi, F.G. Naka Merdar, Range Magdhi, FG Naka Bareihal, Range Khitoli, F.G. Naka Dohra, Range Kallivah, F.G. Naka Malahara,	11	11	5.50	3.99	0.00	0.00	Range Tale FG Naka Khatli N23°43'00.2" E81°04'00.5"	01 Nos.	0.80	The old existing buildings need annual maintenance.
											Range Tale FG Naka Sauri Gorki PF 274N23°38'49.5"E81°00'51.3"	01 Nos.	1.00	

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39	Core Area: Maintenance of Hardware.	4.2	40,000	Maintenance of Hardware. Computers-20 Printers-10, GPS-20, Photocopiers-5, Fax machines-3, LCD Projectors-3, Cameras-10, Plotter-1, Scanner-4 * 10000.000 = 400000.000	40	40	4.00	3.60	Computers-20 Printers-10, GPS-20, Photocopiers-5, Fax machines-3, LCD Projectors-3, Cameras-10, Plotter-1, Scanner-4	LS	3.00	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 Bandhanagarh Tiger Reserve.
40	Core Area: Maintenance of Rangers Quarters.	4.2	1,000	Maintenance of Range Officer Quarters. Range Magdhi, R O Quarter Magdhi * 150000.000 = 150000.000 N2337'53.6" E80°56.24.3"	1	1	1.50	0.00	Maintenance of Rangers Quarters (Kaliwah, Patour, Khatouli, Parapatha, Talai) N23°33'39.1" E80°55'05.2" N23°52'10.8" E81°00'11.9" N23°52'10.8" E81°00'11.9" N23°41'36.5" E81°02'46.7"	05 Nos.	2.50	The old existing buildings need annual maintenance.
41	Core Area: Maintenance of road network.	4.2	1,000	Maintenance of road network. Range Khatouli 133km * 798000.000 = 798000.000 1,000 Maintenance of road network. Range Khatouli 152 km * 812000.000 = 812000.000 N23038'59.4" E81002'43.1" 1,000	6	6	7.98	7.98	Khatouli Range All Road Magdhi Range All Road	133 Km 52 Km	8.00	The roads which are used either for round the year patrolling or for tourism or for both the purposes, need to be upgraded because of their heavy wear and tear and sandy nature of the soil.
							1.05	1.05	Talai Range All Road	175.1 Km	10.38	

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					0.00	0.00	E80°57'14.7"	01 Nos.	0.28	
					0.00	0.00	Range Kithouli Patua Nala N23°44'16.3" E80°56'55.0"	01 Nos.	0.28	
					0.00	0.00	Range Kithouli Kadwah N23°45'27.7"E80°57'00.1"	01 Nos.	0.28	
					0.00	0.00	Range Kithouli Jidigdee N23°38'18.8" E80°50'53.4"	01 Nos.	0.28	
					0.00	0.00	Range Kithouli Kudwa N23°40'47.3" E80°56'41.1"	01 Nos.	0.28	
					0.00	0.00	Range Kithouli Kumbhachhar N23°41'59.8" E80°58'18.8"	01 Nos.	0.28	
					0.00	0.00	Range Kithouli Pargachia N23°42'13.6" E80°57'41.0"	01 Nos.	0.28	
					0.00	0.00	Range Kithouli Harunan Dhara N23°38'52.3" E80°48'13.9"	01 Nos.	0.28	
					0.00	0.00	Range Kithouli Kumbhachhar 2 N23°41'50.2" E80°50'15.1"	01 Nos.	0.28	
					0.00	0.00	Range Kithouli Bhadhar Nala N23°40'53.4" E80°54'31.7"	01 Nos.	0.28	
					0.00	0.00	Range Parpattha Jaida nala RF 460 N23°55'47.0" E81°03'54.0"	01 Nos.	0.28	
					0.00	0.00	Range Parpattha Padogan RF 447 N23°53'40.4" E81°04'23.8"	01 Nos.	0.28	
					0.00	0.00	Range Parpattha Jaida RF 460 N23°55'47.0" E81°03'54.1"	01 Nos.	0.28	
					0.00	0.00	Range Parpattha Jugwahi RF 446 N23°53'42.8" E81°03'38.3"	01 Nos.	0.28	
					0.00	0.00	Range Parpattha Padigan RF 455 N23°56'11.8" E81°05'23.0"	01 Nos.	0.28	
					0.00	0.00	Range Parpattha Chhugawah RF	01 Nos.	0.28	

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30	Core Area: Removal of gregarious plant growth from grasslands	4.3	5,000 Range Pataur, Dhadawan (Pataur B RF-411) Range Pataur N23° 49' 28.6" E81° 02' 50.3"	13	13	0.00	0.00	E81°51'24.3"	01 Nos.	1.25	To improve of grassland for heathens.
						0.00	0.00	Range Kihiculi Amhitarwah N23°41'45.2" E80°57'44.4"	01 Nos.	1.50	
						0.54	0.54	Range Pampathia Talwaktol Talao, RF-480 N23°54'41.3" E81°04'55.9"	8 Ha	0.41	
						0.54	0.54	Range Pataur Lamit Har (Pataur A RF-399, 400 N23°48'06.3" E81°02'21.8"	10 Ha	0.51	
						0.54	0.54	Range Pataur Beaha Har (Pataur A RF-395) N23°47'24.4" E81°02'13.6"	10 Ha	0.51	
						0.54	0.54	Range Pataur Munchitara Har (Pataur A RF-399) N23°48'00.9" E81°02'30.3"	30 Ha	1.53	
						0.54	0.54	Range Kalkwah South Kalkwah/ Kothurawah RF-242 N23°33'59.7" E81°05'24.4"	50 Ha	2.56	
						0.54	0.54	Range Kalkwah Janad/ Kurnharwah wah RF-251 N23°33'59.7" E81°05'24.4"	50 Ha	2.56	
						0.54	0.54	Range Kalkwah Chachpur / Muddhawa RF-255 N23°34'12.3" E81°09'59.8"	41.4 Ha	2.12	
						0.54	0.54	Range Magdhi Jochiwah-292 N23°36'39.1" E80°58'59.9"	50 Ha	2.56	
						0.54	0.54	Range Magdhi year 2013 Relocated Village magdhi 2588 Range Magdhi, N23°34'55.2" E81°01'12.9"	50 Ha	2.56	
						0.54	0.54	Recreated Village Mill RF-298 (100 ha per unit)	50 Ha	2.56	

see No 27919

51	Core Area: Weed eradication	4.3	2,000 Weed eradication Range Taka, Miththel/ Sookhi, RF 296, 5 ha N 23° 37' 23.07" E 81° 01' 09.9"	36	36	0.27	0.27	Range Patur Patur A RF 407 N23°47'56.2" E81°02'19.2"	100 Ha.	1.00	All present various weed species such as sida etc. invade grasslands. Also grasslands are encroached upon by woody species such as, Bulsa and Lagerstroemia etc. Some rats and birds
						2.28	2.28	Range Magdhi Relocated Village MRF-296 N23°33'14.1" E81°02'56.2"	50 Ha		
						2.28	2.28	Range Pampatha Handijheel, RF-442, RF-443, RF-455 N23°54'22.0" E81°07'28.6"	107 Ha		2.56
						0.20	0.20	Range Pampatha Chihrawah, RF-488 N23°55'58.3" E81°06'54.7"	42 Ha		2.91
						0.20	0.20	RF-488 (42 ha per unit) * 228000.000 = 456000.000 N23055'58.3" E81006'54.7"			

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Range Tala, Hardha, Mirjani, RF 313, 5 ha * 27000.000 = 54000.000N 23°39'44.07"E 81°03'43.5"	0.27	0.27	Range Pataur Pataur C RF 397 394N23°46'49.4"E81°02'04.2"	70 Ha	1.00	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 uribhella species. Hence to maintain these existing grasslands, removal of weeds, brushwood and simultaneously holding up soil conservation measures are required so that these grasslands serve the purpose of providing good forage to herbivores.
1.000 Weed eradication Range Tala, S. Gehadi, RF 259, 6 ha * 33000.000 = 33000.000 N 23°38' 16.02" E 80° 59' 47.00"	0.33	0.33	Range Pataur Pataur C RF 397 N23°47'32.2" E81°01'04.5"	100 Ha.	1.00	
1.000 Weed eradication Range Tala, Slatnah, RF 307, 7 ha * 38000.000 = 38000.000 N 23°39' 30.08" E 81° 00' 11.03"	0.38	0.38	Range Pataur Pamphtha RF 417 N23°50'55.8" E81°01'58.5"	80 Ha.	1.00	
2.000 Weed eradication Range Tala, Bhadrashila, RF 333, 8 ha, N 23°42' 22.0" E 80° 58' 12.2"	0.43	0.43	Range Pataur Chahani RF 427 N23°52'15.4" E81°09'23.8"	100 Ha.	1.00	
Range Tala, Bhadrashila, RF 334, 8 ha * 43000.000 = 86000.000 N 23°42' 49.8" E 81° 00' 01.7"	0.43	0.43	Range Pataur Chahani RF 421 N23°51'31.0" E80°59'23.3"	90 Ha.	1.00	
7.000 Weed eradication Range Kitholi, E. Bagden, RF-373 N23°43'29.6" E80°54'19.5"	0.54	0.53	Range Tala Mahaman RF 321 N23°42'02.1" E80°58'42.0"	50 Ha.	1.00	
Weed eradication	0.54	0.54	Range Tala Bhadrashila, RF 333	20 Ha.	0.50	

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Range Tala N-Gohadi, RF 309, N 23°40' 00.07", E 90° 59' 10.07"				N23°39'13.0" E81°59'57.0"			
Weed eradication Range Mangur, Lechani Har R-273 N-23°31'43.6", E-081°11'22.3"	0.54	0.54		Range Tala Ehadasthala, RF 334 N23°42'49.6" E81°00'01.5"	30 Ha.		
Weed eradication Range Mangur, Kasaha Paturu R-279 N-23°29'08.3", E-081°11'00.0"	0.54	0.54		Range Tala N Gohadi, RF 310 N23°39'41.0" E81°01'08.1"	28 Ha.	0.50	
Weed eradication Range Mangur, Vichahai Har P-382 N-23°50'14.2", E-81°11'18.5"	0.54	0.54		Range Tala Rajbahara Suarwah RF 310, 307 N23°39'30.1" E81°00'11.0"	42 Ha.	0.50	
Weed eradication Range Mangur, Ratarina Har P. 612 N-23°45'14.4", E-080°59'05.3"	0.54	0.54		Range Tala S Gohadi, Sookhawah, RF 295 N23°36'20.0" E81°00'51.11"	40 Ha.	1.00	
Weed eradication Range Mangur, Patentia R-271, (7 No. in 10 ha each) * 54000.000 = 375000.000 N-23°31'50.0", E-081°13'05.6"	0.54	0.54		Range Tala Damer Ghoghau Patch, RF 327 N23°41'39.1" E81°05'15.1"	40 Ha.	1.00	
1,000 Weed eradication Range Tala, Sestrayal Chakra dhara, RF 324, 12 ha * 65000.000 = 66000.000 N 23°41' 54.6" E 81° 01' 49.1"	0.65	0.65		Range Tala Damer Ghoghau Patch, RF 327 N23°39'33.1" E81°02'17.1"	18 Ha.	0.50	

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1,000 Weed eradication Range Tala Rajbahari/ Sultanwah RF 310, 307 14 ha * 769000,000 = 769000,000 N 23° 39' 30.08" E 81° 00' 11.03"	0.76	0.76	Range Tala Damrai Chura, RF 327 N23°41'05.1" E81°05'30.0"	27 Ha.	1.00	
1,000 Weed eradication Range Khibulif, Gadewah, RF- 362, 15 ha * 81000,000 = 81000,000 N23°40' 58.3" E80° 55'05.0"	0.81	0.81	Range Tala Bathari/ Dabruha Bathari Patch N23°39'26.0" E81°0'13.1"	30 Ha.	1.00	
1,000 Weed eradication Range Tala Damrah/ Berekhara Patch, RF 327, 18 ha * 98000,000 = 98000,000 N 23°41' 39.09" E 81° 05' 15.09"	0.98	0.98	Range Tala Bathari/ Berekhara Patch, 30 Hac. N23°39'41.0" E81°0'27.0"	30 Ha.	1.00	
2,000 Weed eradication Range Khatouf, Garhpouri, RF- 369, N23°41'59.8" E80°58'18.8"	1.09	1.09	Range Tala Bathari/ Sehara Dandara/ Patch N23°39'13.0" E81°0'126.0"	40 Ha.	1.00	
Weed eradication Range Khibulif, Bagdara, RF- 360, 361 (20 ha per unit) * 109000,000 = 218000,000 N23°40'38.5" E80°52'38.9"	1.09	1.07	Range Tala Semraha Tola, RF 335 N23°43'03.0" E81°0'120.6"	48 Ha.	1.00	
	0.00	0.00	Range Tala Chakredhara, RF 336 N23°42'32.0" E81°0'126.5"	28 Ha.	0.50	
	0.00	0.00	Range Tala Bahadrashikawati, RF 321 N23°40'02.8" E80°58'42.4"	34 Ha.	0.50	

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Sub-Total (including zone)			477.40	395.43							
RECURRING WORKS (Buffer)											
52	Buffer Area: Maintenance of wireless network	4.2	15,000	15	15	2.33	2.13	Maintenance of wireless network BTR Umari Buffer Zone	Fixed set 05, Hand set 17, mobile set 05	2.00	The National Park at present 27 wireless sets which need regular maintenance including repairs, replacement of batteries, accessories etc.
	Maintenance of BTR Umari Buffer Zone 15							Range Kitholi Bagdara, RF-495, 390, 391 N23°40'08.3" E80°52'01.1"	50 Ha.	1.00	
								Range Kitholi Bandhadev, RF-05,06,07 N23°39'33.2" E80°51'24.3"	50 Ha.	1.00	
								Range Kitholi Dadrauchi RF-362,363,364 N23°39'33.2" E80°51'24.3"	50 Ha.	1.00	
								Range Kitholi Meira, RF-493,494,358 N23°40'37.3" E80°50'28.1"	50 Ha.	1.00	
								Range Kitholi Gadawan, RF-362 N23°40'58.3" E90°55'05.0"	15 Ha.	0.50	
								Range Kitholi Gampuri, RF-369 N23°41'59.8" E80°58'18.5"	20 Ha.	0.50	
								Range Kitholi Dhounkhol, RF-08, 09 N23°39'50.3" E80°49'50.5"	25 Ha.	0.50	
								Range Kitholi Bagdara, RF-495 N23°40'38.5" E90°52'38.9"	20 Ha.	0.50	
								Range Parpatha Beel Handi Place Handiplace RF455 N23°56'00.9" E81°07'48.3"	20 Ha.	0.50	
								Range Parpatha Beel Chitraw Place Chitrawhar RF-462,463 N23°55'06.3" E81°05'48.9"	50 Ha.	1.00	
Sub-Total (including zone)						477.40	395.43			678.30	
The National Park at present 27 wireless sets which need regular maintenance including repairs, replacement of batteries, accessories etc.											

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54	4.1	45,000 Operation Monsoon- Ensuring special site specific protection measures during monsoon considering the terrain and accessibility of Protected Areas, BTR Umaria Buffer Zone * 23225,000 = 1045125,000	No. * 15500,000 = 232500,000		10.45	2.93	Operation Monsoon for special monsoon patrolling (15 Labour each 03 ranges for buffer)	10.45	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.													
			55	4.2						45,000 Maintenance of existing patrolling camps/dhankis, And Other building All 3 Range Buffer Zone 45 No. * 3778,000 = 170010,000	45	45	17.00	7.96	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							
																Range Dhankohar Barhananala Camp N23°37'24.4" E80°54'57.4"	01 Nos.	0.50				
																Range Dhankohar Dardaudi Camp N23°37'40.3" E80°50'15.5"	01 Nos.	0.50				
																Range Dhankohar Mandat Camp P-146 N23°36'38.6" E80°57'51.3"	01 Nos.	0.50				
																Range Dhankohar Parsel Camp N23°36'40.0" E80°53'47.8"	01 Nos.	0.50				
																Range Dhankohar Khamedad Camp N23°36'40.0" E80°53'47.8"	01 Nos.	0.50				
																Range Dhankohar Madha Camp PF 103 N23°35'45.9"	01 Nos.	0.50				

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56	Buffer Area: Maintenance of Computers Accessories.	4.2	15,000	Maintenance of Computers Accessories, BTR Umeria Buffer Zone * 10000,000 = 150000,000	15	15	1.50	1.48		P 128 N23°32'48.7" E80°56'38.4"	01 Nos.	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 Bandhavganj Tiger Reserve.
							0.00	0.00		Range Dhamokhar Bandha Camp	01 Nos.	0.50	
							0.00	0.00		N23°31'25.2" E80°56'35.0"	01 Nos.	0.50	
							0.00	0.00		Range Dhamokhar Vajhar Camp	01 Nos.	0.50	
							0.00	0.00		N23°40'08.9" E80°46'30.2"	01 Nos.	0.50	
							0.00	0.00		Range Dhamokhar Medrajhal Camp	01 Nos.	0.50	
							0.00	0.00		N23°40'32.3" E80°48'02.1"	01 Nos.	0.50	
							0.00	0.00		Range Dhamokhar Dulbar Camp	01 Nos.	0.50	
							0.00	0.00		Rf-9 N23°36'32.7" E80°45'52.4"	01 Nos.	0.50	
							0.00	0.00		Range Dhamokhar Lejri Mohanhya Casimp N23°29'11.6" E81°04'47.6"	06 Nos.	1.50	
57	Buffer Area: Maintenance of Forest Guard Quarters.	4.2	2,000	Maintenance of Forest Guard Quarters, Range Dhamokhar, F.G. Naka, Badrehal Range Dhamokhar, F.G. Naka, Merdarli *	2	2	1.50	0.00		Range Dhamokhar F.G. Dhurkosh N23°38'12.5" E80°47'19.3"	01 Nos.	1.50	The existing old buildings need special maintenance to increase their life and also to safety and conveniently house staff.

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59	Buffer Area: Maintenance of road network.	4.2	150000.000 =	3	3	0.00	0.00	Range Dhamochar F.G. Maidan N23°37'52.9" E80°55'22.2"	0.1 Nos.	1.50	The roads which are used either for round the year patrolling or for tourism or for both the purposes, need to be upgraded because of their heavy wear and tear and sandy nature of the soil.
			300000.000 N 230 35' 01.5" E 800 57' 51.9" N 230 37' 52.9" E 800 55' 22.2"								
			Maintenance of road network. Range Dhamochar 77 km <sup>2</sup> 424000.000 =			4.24	4.23	Range Dhamochar Pokharye to Ghursu N23°30'21.0" E90°59'28.6"	10 Km	0.50	
			424000.000 1.000 Maintenance of road network. Range Parpatha 36 km <sup>2</sup> 183000.000 =			1.93	0.00	Range Dhamochar Checharlye to Badwahli N23°31'06.8" E81°08'50.5" N23°31'56.7" E81°08'18.7"	4 Km	0.22	
			1.000 Maintenance of road network. Range Manpur 99 km <sup>2</sup> 550000.000 =			5.50	0.00	Range Dhamochar Ratnail to Bhanuil N23°30'43.6" E80°57'25.2" N23°30'53.4" E80°55'16.5"	6 Km	0.60	
						0.00	0.00	Range Dhamochar Raipur to Bagdahi N23°29'25.6" E81°05'31.1" N23°33'15.7" E81°10'29.0"	4 Km	0.60	

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60	Procurement of vehicles	4.2					0.00	0.00	Range Dhamokhar Khatkhad to Kotla Waha N23°36'22.3" E80°54'14.3" N23°36'49.7" E80°53'45.1"	3 Km	0.40	Four wheel vehicles are used in forest patrolling and wild life rescue work. It is also used in official and other government work  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.
							0.00	0.00	Range Dhamokhar Basaula to Sidashram N23°38'13.7" E81°00'14.9" N23°26'57.9" E80°59'43.6"	4 Km	0.60	
							0.00	0.00	Range Dhamokhar Chandia to Dhaurkoti N23°39'16.5" E80°48'35.7" N23°29'07.1" E80°43'13.4"	10 Km	1.00	
							0.00	0.00	Range Dhamokhar Dubhar Camp to Chandia Camp N23°37'18.0" E80°48'25.4"	6 Km	0.60	
61	Maintenance of earthen ponds.	4.2					0.00	0.00	Range Dhamokhar Parvatar Road N23°39'21.4" E80°56'04.0" N23°32'48.7" E80°56'38.4"	30 Km	3.50	02 Nos. 25.00
							0.00	0.00	Range Dhamokhar Mahulal Haar / P-83 N23°37'15.8" E80°48'20.8"	01 Nos.	1.60	
							0.00	0.00	Range Dhamokhar Fardania Nala RF-93/92	01 Nos.	1.60	
							0.00	0.00	Range Panpanra Buffer Biruhil Julia talaya RF-406 N23°48'55.9" E80°54'12.7"	01 Nos.	1.25	

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62	Maintenance of Water Holes	4.3										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.		
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						0.00	0.00							
63	Lantana / Weed / Bush Wood mapping	4.3										All present various weed species such as, sida etc. invade grasslands. Also grasslands are encroached upon by woody species such as, Eulea and Lagerstromia etc. Some nales and rivers also drain into grasslands thereby hampering grass productivity because of sand deposition. Grasslands are prime habitat for dilial, which is the major prey base of tiger, the umbrella species. Hence to maintain these existing grasslands, removal 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.		
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State	Sanction	Central Assistance	Area (Ha)	Cost (Rs. Lakhs)
Andhra Pradesh	18.59	109.30	150 Ha	9.31
Andhra Pradesh	491.46	372.04		807.90
Andhra Pradesh	627.95	481.34		144.08
<b>Total</b>				<b>926.26</b>

S. No.	Items	Sanction	Central Assistance
1	Non-Recurring (60%)	182.18	109.30
2	Recurring (50%)	744.08	372.04
	<b>Total</b>	<b>926.26</b>	<b>481.34</b>

Cost of APO including State's share	A	(Rs. In lakhs)
Center's share in APO	B	926.26
1 <sup>st</sup> release @ 80% of Center's share	C=0.8*B	481.34
Less: Unspent balance of previous FY	D	385.07
Adjusted 1 <sup>st</sup> release	E=C-D	0.11
2 <sup>nd</sup> release @ 20% of Center's share	F=0.2*B	384.96
		96.28

\* 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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22/10/19