

No. 4-1(5)/2018-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 24th 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 Kanha 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 Kanha Tiger Reserve, Madhya Pradesh at the cost of **Rs. 1257.44 Lakhs (Rupees One thousand Two hundred Fifty Seven lakhs Forty Four thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 902.50 Lakhs (Rupees Nine hundred Two lakhs Fifty 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. 451.318 lakhs (Rupees Four hundred Fifty One lakhs Thirty One thousand Eight hundred only)** as the 1st 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 **Kanha 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 **Kanha 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 **Kanha Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2019.
 - (x) **Kanha 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 **Kanha 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 **Kanha 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 (**Kanha 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.

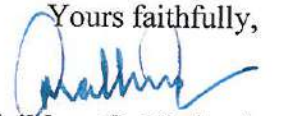


- (xxiv) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- (xxv) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxvi) In case 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 (Plan):



Scheme	Budget Head	Amount (Rs. in lakhs)
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (GEN)	135.40
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	90.26
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	225.658
Total		451.318

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 109597/AS&FA (PG) dated 16.7.2018.

Yours faithfully,


(Dr. Vaibhav C. Mathur)
Assistant Inspector General of Forests (PT)

Copy to:-

1. The Secretary (Forests), Govt. of 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, Kanha 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.



(Dr. Vaibhav C. Mathur)
Assistant Inspector General of Forests (PT)

KANHA TIGER RESERVE, MADHYA PRADESH
ANNUAL PLAN OF OPERATION 2018-19

Non-Recurring (Core + Buffer)

(Rs. in lakhs)

Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY	Current Financial Year			GPS	Justification	
					No. of Items (Physical Target)	Sub-item Details	Unit Price (Rs.)			Total (Financial Target)
Anti-Poaching	Buffer Area: Establishing of patrolling camps/chowkis/buildings	16.1.3	21.1.4	0.0	3.00	1.000 Installation of Hand Pumps-Katangi * 150000.000 = 150000.000 1.000 Installation of Hand Pumps-Parsamau * 150000.000 = 150000.000 1.000 Installation of Hand Pumps-Murkuta * 150000.000 = 150000.000	150000.000 150000.000 150000.000	4.50	22.44667, 80.58833 22.44667, 80.58833 22.30869, 80.82850	The proposal has been made to install hand pumps for providing drinking water facilities to the frontline staff.
Anti-Poaching	Buffer Area: Legal support for defending court cases.	16.1.13	16.4	0.50	1.00	1.000 Legal Support for Defending Court Cases * 25000.000 = 25000.000	25000.000	0.25		The proposal is made for the payment of fees to the lawyers engaged in dealing with the wildlife and forest offence cases in different courts in Mandla and Balaghat districts, payment to Wil for inspection report & workshop.
Strengthening	Buffer Area: Procurement of hardware, software, manpower, training, gps, etc.	16.2.11	21.1.4	3.74	82.00	1.000 Computerisation With License Software of Mandla HQ & Field Office * 250000.000 = 250000.000 1.000 High Speed Internet Connection at mandla HQ. * 24000.000 = 24000.000 80.000 Procurement of Smart Phone for M-STIPES Monitoring * 8827.000 = 706160	250000.000 24000.000 8827.000	9.80	22.605642, 80.363553	Kanha tiger reserve has a rescue squad for animals in distress. The squad is also required if there is any emergency in the surrounding territorial divisions. Hence, the proposal. The proposal has made for procuring Laptop-1 x 40000.00, desktop-1 x 40000.00, printer-1 x 15000.00, UPS-2 x 4000.00 and anti-Virus-10 x 700, license software for HQ and range office of the Buffer Zone. The proposal has made for the Buffer zone office at the Mandla head office internet connection is very poor. Hence, the proposal. The proposal has been made for the new version of M-STIPES monitoring system to be adopted for the tiger reserve.
Strengthening	Buffer Area: Upgradation of road network.	16.2.2	18.4.2.1.5, 18.4.2.1	0.0	3.00	3.000 Upgradation of Road-Khisi to Chargaon * 100000.000 = 300000.000	100000.000	3.00	22.402536, 80.443425 22.406689, 80.461542 22.409333, 80.476203 22.389844, 80.500000	The Up gradation of Road existing road is essential communication and transportation throughout the year. Currently roads get damaged by rain and the drainage of rain water is also poor. The Initiative will ensure appropriate up gradation facilitating faster mode of patrolling and effective control over the area.
Mainstreaming wildlife concerns	Buffer Area: Redressing man-animal conflict.	16.10.1.1	16.4.7	1.0	401.00	1.000 Training, workshop & Public awareness * 100000.000 = 100000.000 400.000 Purchase of Pressure Cookers * 1200.000 = 480000	100000.000 1200.000	5.80		The proposal has been made for the training and awareness for immunization programme. To provide an alternative to reduce the consumption of conventional fuel wood.
Staff Development	Buffer Area: Specialized training in management planning.	16.8.8	16.4.3	1.00	1.00	1.000 Trainings & workshops * 200000.000 = 200000.000	200000.000	2.00		To manage the Buffer Zone in a better way, it is necessary to expose the field personnel regularly to various training programmes like crime detection, court cases and field craft etc. This will be administered in a two-day training workshop with local as well as external resource persons.
Staff welfare	Buffer Area: Provision for ration	16.16	21.1	8.0	1.00	1.000 Project Allowance to Officers and Staffs * 1500000.000 =	1500000.000	15.00		The proposal has been made in accordance with the GCI guidelines for providing Project



	allowance to field staff					1500000.000				Allowance & Areas to officers, field staff and ministerial staff. The proposal has been made in accordance with the GOI guidelines for providing food grain Allowance & Areas to officers, field staff and ministerial staff. According to NTCA letter no. F.No. 12-7/2010-NTCA, Gazette Notification No. 199 dated 06-06-2014.
Staff welfare	Buffer Area: Supply of mosquito net/ field kit	16.16	21.1.4	13	301.00	1.000 First-Aid Box * 100000.000 = 100000.000 300.000 LPG Gas Connection * 5000.000 = 1500000.000	100000.000 5000.000	16.00	22.605642, 80.363553 22.605642, 80.363553 22.605642, 80.363553	The Buffer Zone area is also highly malarious, especially incidences of falciparum malaria. Besides there are other diseases that trouble the field staff. Therefore, all the beat camps need to be supplied with first-aid-boxes so that the field staff could be saved from these medical emergencies. 50 Patrolling Camp, 7 Patrolling Vehicle, 6 Range Office etc The removal of fuelwood from the Buffer as well as the National Park areas is a matter of serious concern. The very entry of the villagers into the core area possess various threats to the human life and at times lead to serious consequences. The conflict between man-animal needs to be minimized by providing some alternate to the villagers who sneak inside the National Park for fuel wood collection.
Eco-Development	Buffer Area: To carry out prophylactic immunization of cattle in and around Tiger Reserve.	16.10	7.4	4.0	1.00	1.000 Purchase of Vaccines * 500000.000 = 500000.000	500000.000	5.00		The proposal has been made for the prophylactic immunisation of village cattle and for the treatment of sick animals. The activity will involve services of Gau Sewak and the hiring of vehicles.
Anti-Poaching	Core Area: Organizing vehicular patrolling by constituting squads (Tiger Protection Force) comprising of field staff, laborers and police or SAF or ex-army personnel or home guards with wireless handset and paraphernalia for apprehending offenders, apart from prescribing a patrolling calendar for the squad.	16.1.4	18.3.20	0.50	1.00	1.000 Provision for Vehicle on hire * 150000.000 = 150000.000	150000.000	1.50		The proposal is made to hire vehicles for intelligence gathering and nabbing the offenders effectively.
Anti-Poaching	Core Area: Providing support to tiger reserves for raising, arming and deploying Special Tiger Protection Force (STPF).	16.1.1	18.3.20	71.5	1.00	1.000 Wages of STPF * 10000000.000 = 10000000.000	10000000.000	100.00	22.36426, 80.47196 22.41944, 80.51486 22.35487, 80.47724 22.31431, 80.49706 22.40106, 80.44792 22.28967, 80.46449 22.39636, 80.48248	The proposal is made for the payment of fees to the lawyers engaged in dealing with the wildlife offence cases in different courts in Mandla and Balaghat districts. To motivate people for assisting the park management in detecting forest and wildlife offences. To motivate the staff employees for executing exceptionally good work in detecting forest and wildlife offence in and around

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									22.08631, 80.88071 22.06918, 80.78072 22.06918, 80.78072 22.12241, 80.70304 22.09934, 80.86574 22.09961, 80.82124 22.33051, 80.85556	the TR The proposal has been made to strengthen tiger protection by engaging ex-army personnel through the Jila Sainik Kalyan Board on contractual basis. Necessary equipment will also be procured antipoaching measures. The number of 14 ex-army and 60 local youth engaged as tiger protection force is as per the sanction accorded by National Tiger Conservation Authority, New Delhi.
Strengthening	Core Area: Construction of (staff quarters, family hostels, office improvement, house keeping buildings, museum).	16.2.1	18.3.5	4.0	1.00	1.000 Labour at Garhi in Bhaisanghat Range * 500000.000 = 500000.000	500000.000	5.00	22.231527777 778, 80.7915	Labour hut either kachcha or in a dilapidated condition and need to be made permanent for the safety of the field personnel living in this camp as this hut is located in very sensitive and remotely placed areas. Therefore, the proposal is being made.
Strengthening	Core Area: Construction of Forest Guard Quarters.	16.2.1	18.3.5	16.00	2.00	1.000 Magamala * 850000.000 = 850000.000 1.000 Umarpani * 850000.000 = 850000.000	850000.000 850000.000	17.00	22.339527, 80.5721944 22.358611, 80.645278	All these camps are either kachcha or in a dilapidated condition and need to be made permanent for the safety of the field personnel living in these camps as these camps are located in very sensitive and remotely placed areas. Therefore, the proposal is being made.
Strengthening	Core Area: Creation of bridges.	16.2.5	12.4	15.0	5.00	1.000 Dalamala Nala-Kisli * 800000.000 = 800000.000 1.000 Bubudi Nala-Kisli * 800000.000 = 800000.000 1.000 Menhar Nala Stopdam-cum-Bridge-Kanha * 1500000.000 = 1500000.000 1.000 Bansbhirra Nala-Mukki Khapa Road * 800000.000 = 800000.000 1.000 Linga to Kamkodadar-Supkhar * 400000.000 = 400000.000	800000.000 800000.000 1500000.000 800000.000 400000.000	43.00	22.360250, 80.537444 22.307083, 80.551556 22.280694, 80.631139 22.204333, 80.598417 22.236389, 81.025361	The construction of this stop dam-cum-bridge/culvert/irish bridge is important for impounding water for wildlife in the forest range and also as important road connectivity for patrolling in the range.
Strengthening	Core Area: Creation of road network.	16.2.2	10.7.1	0.0	2.00	2.000 Chakarwah to Ladua * 200000.000 = 400000.000	200000.000	4.00	22.143694, 80.936056 22.12400, 80.93800 22.316028, 80.531472 22.316417, 80.538306 22.414444, 80.534167 22.296056, 80.568917 22.313556, 80.545944 22.173167, 80.972444 22.139917, 81.006389 22.148500, 80.968361 22.126722, 80.800083 22.132500, 80.808639 22.194250, 80.759806 22.245833, 80.720722 22.132278, 80.864222 22.214111, 80.820500 22.210611, 80.811389 22.247056,	The boulder soleing of existing road is essential to facilitate road communication and transportation throughout the year. Currently roads get damaged by rains and the drainage of rain water is also poor. The initiative will ensure appropriate up gradation facilitating faster mode of patrolling and effective control over the area.

Aradhna

									80.737000 22.360667, 80.648667 22.339750, 80.727606 22.354667, 80.618722 22.409361, 80.579361 22.183972, 80.617111 22.190222, 80.623861 22.197972, 81.540917 22.271056, 80.617944 22.289167, 80.615472 22.250722, 80.622222	
Strengthening	Core Area: Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring.	16.2.14	17.3.2	5.0	181.00	1.000 Procurement of Range Finder, Compass, Camera, GPS Batteries, etc * 100000.000 = 100000.000 180.000 Procurement of Mobile Set for M-STRIPES * 8827.000 = 1588860	100000.000 8827.000	16.89	This important annual exercise under Phase-IV and M-STRIPES requires printing of a large number of prescribed field formats for data collection, purchase of batteries for the constant use of GPS and camera traps and data analysis etc. The procurement of important instruments for animal estimation such as Range Finder, GPSs and Compasses will also be required. The equipment will be purchased at the rates decided by the NTCA. This important annual exercise under Phase-IV and M-STRIPES requires printing of a large number of prescribed field formats for data collection, purchase of batteries for the constant use of GPS and camera traps and data analysis etc. The procurement of important instruments for animal estimation such as Range Finder, GPSs and Compasses will also be required. Ecological & patrolling monitoring by the M-STRIPES Software has been recommended in tiger reserves. As the software will be operated through mobile sets, the requirement is proposed.	
Strengthening	Core Area: Procurement of Geographical Information System (GIS).	16.2.10	14.5.2.1.3, 17.3.2.2	0.0	1.00	1.000 Arc GIS X-Tools License Single User * 20000.000 = 20000.000	20000.000	0.20	As we have already purchased ArcGIS license we need to procure necessary tools for it.	
Strengthening	Core Area: Procurement of Hardware.	16.2.10	14.5.2.1.3, 17.3.2,	0.0	3.00	1.000 Computerisation with License Software of Mandla HQ & Field Offices * 200000.000 = 200000.000 2.000 Procurement of Laptops at Computer Lab and Tiger Cell in Mandla HQ. * 50000.000 = 100000.000	200000.000 50000.000	3.00	The proposal has been made for procuring desktop-2 Nos. x 100000.00, printer-2 Nos. x 50000.00, UPS-2 Nos. x 2500.00, anti-virus-20 Nos. x 700.00, license software MS Office 14 No. x7000.00 and for some contingent expenditure accessories for HQ and range offices. The proposal has been made for procuring laptop for use in computer room (Tiger Cell), for research, estimation of wildlife and data analysis, procurement of IRS data, and preparation of field maps on the GIS domain.	
Addressing man animal conflict	Core Area: Procurement of tranquilizing equipments, darts, rescue vehicles,	16.4.1.4	15.3.7	4.5	5.00	1.000 Tranquilization Accessories (Syringes & Needles etc.) * 100000.000 = 100000.000 1.000 Tranquilization Drugs * 100000.000 = 100000.000	100000.000 100000.000 100000.000 75000.000	4.75	To be procured for rescue and treatment of animals or for transporting captive animals. This has been proposed to maintain the existing, tranquilizing/ research facilities which are used for rescue of	

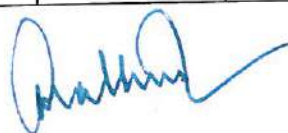
	drugs.					1,000 Miscellaneous Equipment * 100000.000 = 100000.000 1,000 Purchase of Vaccines for Cattle Immunization * 100000.000 = 100000.000 1,000 Veterinary Health Camp/ Equipment * 75000.000 = 75000.000				wild animal in distress and also in translocation of animal from one place to another. The proposal has been made for prophylactic immunisation of peripheral village cattle and for the treatment of sick animals. The proposal has been made for deworming an veterinary health for the village cattle.
Research and field equipment	Core Area: Day to day monitoring of wild animals	16.7	12.3.1	4.0	2.00	1,000 Grasslands Management and Monitoring of Evacuated Village Sites * 100000.000 = 100000.000 1,000 Study/ Monitoring Cell for Tigers in the Tiger Reserve at Mandla HQ. * 500000.000 = 500000.000	100000.000 500000.000	6.00		Contingent works at relocated village sites need to be done. Monitoring the species and the change will enable studying the species composition/ association. A large number of camera traps are installed in the Kanha Tiger Reserve for intensive monitoring of tigers. All images of camera traps and observation data on tigers are proposed to be sent to the Mandla HQ. for documentation and analysis.
Staff Development	Core Area: Dissemination workshops.	16.8.6	24.4	4.25	2.00	1,000 Workshop * 300000.000 = 300000.000 1,000 Regional conference of FDs and CWLWs * 100000.000 = 100000.000	300000.000 100000.000	4.00		To develop managerial skills of the staff and update them on the new trends in wildlife conservation and crime prevention, the resource persons from WII, Dehradun and the legal experts would be invited for discussions. In each of the workshop about 60 staff and officers of the Tiger Reserve will participate.
Staff Development	Core Area: Providing project allowance and special incentives.	16.8.2	21.1	25	1.00	1,000 Payment of Project Allowance to Officers and Staffs * 2500000.000 = 2500000.000	2500000.000	25.00 lakhs		The proposal has been made in accordance with the GOI guidelines for providing Project Allowance Areas to 1 Field Director, 1 Dy. Director, 1 Research Officer, 1 Vet. Surgeon, 3 Asst. Director, 6 Rangers, 5 Dy. Rnagers, 18 Forester, 166 Forest Gaurd, 2 Head Mahawat, 6 Mhawat, 8 Assit. Mahawat, 2 Baira, 3 Washerman, 1 Daftari, 3 Driver and 21 Clerk staff . Hence the proposal is made.
Staff Development	Core Area: Study tours for appraisal of good practices in other reserves.	16.8.5	24.4	0.0	1.00	1,000 Study Tours * 100000.000 = 100000.000	100000.000	1.00		For rendering exposure to wildlife management in other National Parks, it is necessary to take field staff of all levels on appropriate study tours.
Staff welfare	Core Area: Provision for ration allowance to field staff	16.16	21.1	23	1.00	1,000 Provision of Ration Allowance to Staffs * 2500000.000 = 2500000.000	2500000.000	25.00		The proposal has been made in accordance with the GOI guidelines for providing Ration Allowance to forester-37, FG-184, driver-2, mahaut-13, orderly-7, choukidar-4, baira-5, khansama-5, washerman-3, mali-2 and shikari-1 field staff and 525 labourers. Hence the proposal is made.
Staff welfare	Core Area: Supply of field kit	16.16	24.4	7.0	2.00	1,000 Field Gear (Dress, Shoes, Socks, Rain Coat, Jacket, Haversack etc.) to Frontline Staff * 350000.000 = 350000.000 1,000 Purchase of Library Books * 50000.000 = 50000.000	350000.000 50000.000	4.00	22.605642, 80.363553 22.605642, 80.363553	To equip the staff better against harsh weather and field conditions for discharging duties more efficiently. Dress 215 No. x 470, Shoes 215 x 550, Shocks 215 x 120, Jacket 215 x 1200. The amount has been proposed for annual subscriptions to various periodicals and journals as well as procuring new books on wildlife management, wildlife research, ecology etc.
Fostering Tourism	Core Area: Wildlife Conservation Awareness	16.17	23.6	2.0	1.00	1,000 Wildlife Week & Global Tiger Day Celebrations * 300000.000 = 300000.000	300000.000	3.00		The proposal has been made for organising painting, essay and debate competition to mark the wildlife week and to create conservation awareness in general public.
Water Development	Core Area:	16.2.9	24.7	26.25	12.00	1,000 Khamodidadar-	150000.000	30.25	22.154083,	As this area remains water

	Habitat Improvement Works (Construction of Tank, Well, Hand Pump etc.).					Handpump * 150000.000 = 150000.000 150000.000 1.000 Pongapani-Handpump * 150000.000 = 150000.000 150000.000 1.000 Ghurrighat-Handpump * 150000.000 = 150000.000 150000.000 1.000 Chhawarighat Camp-Well * 150000.000 = 150000.000 500000.000 150000.000 1.000 Singarpur Camp-Well * 150000.000 = 150000.000 150000.000 1.000 Bhoindabra Camp-Well * 150000.000 = 150000.000 150000.000 1.000 Elephant Camp-Well * 150000.000 = 150000.000 150000.000 1.000 Langhadadar- Well * 150000.000 = 150000.000 150000.000 1.000 Ranwahi Tank-1 * 500000.000 = 500000.000 500000.000 1.000 Sarhinakan Dokrapanghat-Tank * 500000.000 = 500000.000 500000.000 1.000 Linga Tank * 500000.000 = 500000.000 500000.000 1.000 Installation of Solar Pump-Ganeridadar * 325000.000 = 325000.000 325000.000	150000.000 150000.000 150000.000 150000.000 150000.000 150000.000 500000.000 500000.000 325000.000 150000.000 150000.000 150000.000 150000.000 150000.000 150000.000 150000.000 150000.000 500000.000 500000.000 325000.000		80.906444 22.182028, 80.887500 22.166417, 81.026750 22.191194, 80.962111 22.214111, 80.820500 22.248028, 80.669333 22.277500, 80.559083 22.335000, 80.540000 22.132389, 81.002278 22.379444, 80.654222 22.250139, 81.026306 22.342500, 80.667861	deficient mainly during the summer season, this input is important to avoid the movement of wild animals outside the core area which is always risky. Therefore, it is necessary to create a permanent waterhole somewhere near the patrolling camp. Hence the proposal is made.
	Total (Non-Recurring):							354.94		

Recurring (Core + Buffer)

(Rs. in lakhs)

Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY	Current Financial Year				GPS	Justification
					No. of Items (Physical Target)	Sub-item Details	Unit Price (Rs.)	Total (Financial Target)		
Anti-Poaching	Buffer Area: Maintenance of wireless network.	16.2.3	16.4.3	1.5	1.00	1.000 Procurement and Maintenance of Wireless Sets * 200000.000 = 200000.000	200000.000	2.00		For the maintenance and repair of existing wireless sets.
Anti-Poaching	Buffer Area: Deployment of local work force for patrolling, surveillance of water holes, manning barriers.	16.1.9	16.4.1	124.5	5.00	1.000 Protection Wages for Patrolling Camp Watchers & General Patrolling * 800000.000 = 800000.000 1.000 Wages for Wireless Attendants * 400000.000 = 400000.000 1.000 Wages for Transportation of vehicle in Custody * 50000.000 = 50000.000 1.000 Fire Watcher Engaged * 200000.000 = 200000.000 1.000 Fire Line Clean & Bum * 100000.000 = 100000.000	800000.000 400000.000 50000.000 200000.000 500000.000	145.50	22.27635, 80.83007 22.25007, 80.81696 22.25319, 80.89037 22.28667, 80.86774 22.22869, 80.81831 22.26493, 80.92470 22.24632, 80.86098 22.24632, 80.86098 22.24632, 80.86098 22.27633, 80.83007 22.25007, 80.81696 22.26319, 80.89037 22.28667, 80.86774 22.22869, 80.81831 22.26493, 80.92470 22.24632, 80.86098 22.31211, 80.89414 22.29006, 80.99889	Wildlife and forest protection is the most important activity in the Buffer Zone. Protection needs a large number of daily wagers to assist forest guards at 90 patrolling camps, 77 Driver, Choukidar, Computer Opp. and barriers etc., hence the proposal. The proposal has been made to ensure effective round the clock communication to have quick action through the wireless network for which 35 wireless attendants are engaged. Persons in custody under forest cases need to be transported to the relevant courts and this incur expenses, hence the proposal. Required for fire protection measures in the Buffer Zone. Required for fire protection measures in the Buffer Zone.



									22.32147, 80.95049 22.28967, 80.84184 22.22753, 80.88471 22.12641, 80.57108 22.16601, 80.60272 22.12087, 80.65954 22.20338, 80.48826 22.15750, 80.54527 22.17337, 80.53610 22.23983, 80.47979 22.13240, 80.59680 22.36578, 80.44363 22.31431, 80.49706 22.39636, 80.48248 22.40336, 80.43441 22.40854, 80.73957 22.39665, 80.68538 22.24632, 80.86098 22.22869, 80.81831 22.36435, 80.81655 22.12241, 80.70304 22.10870, 80.78106 22.07569, 80.87978 22.21601, 80.51211 22.15750, 80.54527 22.29006, 80.99889	
Strengthening	Buffer Area: Maintenance of (staff quarters, family hostels, office improvemet, house keeping buildings, museum).	16.2.1	16.4.3	4.5	26.00	1.000 Special Repair/ Maintenance of Old Buildings * 450000.000 = 450000.000 25.000 Drinking water facility RO Maintenance * 6000.000 = 150000.000	450000.000 6000.000	6.00		Maintenance and repairs of existing 70 Buildings. The proposal has been made to ROs Batteries providing for drinking water facilities to the frontline staff.
Strengthening	Buffer Area: Maintenance of Computers Accessories.	16.2.10	18.4.2.1.5 18.4.2.1	1.0	1.00	1.000 Maintenance/ Procurement of Computer & Accessories * 200000.000 = 200000.000	200000.000	2.00	22.605642, 80.363553	For maintenance and repair of computers and purchase of accessories in offices including six range offices.
Strengthening	Buffer Area: Maintenance of Range Office	16.2.1	21.1.4	0.0	3.00	3.000 Solar System Repairs * 100000.000 = 300000.000	300000.000	3.00	22.228691, 80.818314 22.126410, 80.571075 22.314314, 80.497063	Solar Systems Set up at Range, Head Quarter in the 6 Ranges need Overhauling of batteries
Strengthening	Buffer Area: Maintenance of road network.	16.2.2	18.4.2.1.5 18.4.2.1	8.0	5.00	1.000 Maintenance of Road * 600000.000 = 600000.000 1.000 Maintenance of Nature Trails -Khatia to Chhapri * 100000.000 = 100000.000 1.000 Maintenance of Nature Trails -Khatia to Mocha * 100000.000 = 100000.000 1.000 Maintenance of	600000.000 100000.000 100000.000 50000.000 50000.000	9.00	22.30739, 80.52286 22.30769, 80.52325 22.14094, 80.54113 22.14839, 80.66436	Good roads 150 Km. are important for faster movement of vehicles for wildlife and forest protection and supervision of various forestry works. Khatia to Chhapri Nature trails are getting popular among tourists that visit the Buffer Zone area. These trails need to be continuously maintained for tourism.

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						Nature Trails -Bamhni * 50000.000 = 50000.000 1.000 Maintenance of Nature Trails -Khapa * 50000.000 = 50000.000			<p>Khafia to Mocha Nature trails are getting popular among tourists that visit the Buffer Zone area. These trails need to be continuously maintained for tourism.</p> <p>Bamhni Nature trails are getting popular among tourists that visit the Buffer Zone area. These trails need to be continuously maintained for tourism.</p> <p>Khapa Nature trails are getting popular among tourists that visit the Buffer Zone area. These trails need to be continuously maintained for tourism.</p>
Strengthening	Buffer Area: Maintenance of vehicles (Gypsy, Jeep, Truck, Tractor, staff car etc.).	16.2.8	16.4.3	8.0	2.00	1.000 POL for Vehicles * 550000.000 = 550000.000 1.000 Repair & Maintenance of Vehicles * 300000.000 = 300000.000	550000.000 300000.000	8.50	<p>For quick & effective mobility in the Buffer Zone.</p> <p>For the maintenance and repair of existing vehicles.</p>
Strengthening	Buffer Area: Procurement of compass, range finder, Global Positioning System (GPS), camera traps.	16.2.11	16.4.4	1.5	1.00	1.000 Annual Estimation & Monitoring & M-STRIPES Programme- Purchase of Equipment, Printing of Profarma, Other * 250000.000 = 250000.000	250000.000	2.50	<p>This important annual exercise M-STRIPES requires printing of a large number of prescribed field formats for data collection, purchase of batteries for the constant use of GPS and camera traps and data analysis etc.</p>
Tiger Safari	Buffer Area: Maintenance of Tiger Safari, interpretation and awareness centers under the existing component of co-occurrence agenda in buffer and fringe areas.	16.2.1	18.4.2.1.5	3.5	3.00	1.000 Wayside Exhibits, Display Boards * 100000.000 = 100000.000 1.000 Brochures, Booklets, Books * 125000.000 = 125000.000 1.000 Wildlife Week Celebration * 125000.000 = 125000.000	100000.000 125000.000 125000.000	3.50	<p>These interpretation facilities are required for improvement of tourism in the Buffer Zone.</p> <p>The literature will cover basic information on the Buffer Zone for tourists.</p> <p>The proposal has been made for organising painting, essay and debate competition to mark the wildlife week and to create conservation awareness in villages of the Buffer Zone.</p>
Anti-Poaching	Core Area: Maintenance of chain-link fencing (Crop protection structures)	16.4.1.2	23.3	1.0	1.00	1.000 Maintenance of Old Chain Link Fencing * 100000.000 = 100000.000	100000.000	1.00	<p>There are already existing chain link fences of 51.84 km. in the National Park and they require repairing and maintenance to keep them effective for the purpose.</p>
Anti-Poaching	Core Area: Deployment of camp labourers for patrolling.	16.1.3	18.3.5	215	4.00	1.000 Protection Wages for Patrolling Camp Watchers & General Patrolling * 25000000.000 = 25000000.000 1.000 Wages of Temporary Camps for Monsoon Patrolling * 1500000.000 = 1500000.000 1.000 Wages for Wireless Attendants * 2000000.000 = 2000000.000 1.000 Wages for Assistant Programmer and GIS Operator at Computer Cell * 700000.000 = 700000.000	25000000.000 1500000.000 2000000.000 700000.000	292.00	<p>22.41359, 80.57752 22.38894, 80.61941 22.39775, 80.65629 22.37811, 80.67816 22.37779, 80.69640 22.35463, 80.68695 22.33621, 80.66508 22.36078, 80.62159 22.33895, 80.62039 22.34138, 80.59520 22.32071, 80.63800 22.31928, 80.72064 22.29844, 80.70572 22.30598, 80.74915</p> <p>The protected area has experienced extremist-engineered disturbances in the past, and under the prevailing sensitive situation, constant-patrolling in-groups is resorted to from vantage points. This is in addition to the round the clock wireless facility and patrolling from the various patrolling camps. Regular patrolling on foot near the peripheral areas is of utmost importance. The local villagers (predominantly tribals) are employed on daily wages for this purpose. Intensive patrolling, using the indigenous people, has been resorted to since 1990, when the area experienced extremist-engineered disturbances in the form of large-scale ground fires. This practice has been continued since then and it is noteworthy that since 1991, only a negligible fraction of the park area has been subjected to man-made summer fires. In all,</p>

								<p>22.28269, 80.61880 22.27973, 80.64841 22.25064, 80.62935 22.25064, 80.62935 22.24719, 80.65428 22.24619, 80.67104 22.22721, 80.65760 22.22667, 80.64073 22.21456, 80.68027 22.20333, 80.69718 22.23735, 80.71648 22.26737, 80.70263 22.28986, 80.67991 22.24770, 80.60490 22.36250, 80.59167 22.33833, 80.61742 22.42500, 80.61639 22.25761, 80.58546 22.25097, 80.51619 22.30036, 80.55083 22.35228, 80.50706 22.41392, 80.53394 22.32800, 80.53269 22.37608, 80.56406 22.40083, 80.51467 22.20169, 80.63926 22.20667, 80.59431 22.18572, 80.59934 22.16163, 80.62644 22.16939, 80.60774 22.19534, 80.58042 22.21593, 80.57714 22.19361, 80.68565 22.18854, 80.65431 22.15478, 80.67269 22.16004, 80.65538 22.11537, 80.73600 22.14256, 80.70382 22.18431, 80.62369 22.14989, 80.84724 22.15943, 80.83225 22.19443, 80.83713 22.12371, 80.82895 22.19669, 80.80059</p>	<p>around 270 labourers are engaged per day as camp labourers, gang men in squads and mobile parties.</p> <p>The proposal has been made for engaging extra labourers for intensive patrolling during the rains and repairing temporary camps under a very comprehensive monsoon patrolling strategy & Grassland Management.</p> <p>The proposal has been made to ensure effective round the clock communication to have quick action through the wireless network for which 56 wireless attendants are engaged.</p> <p>The proposal has been made to ensure payment of timely increase in the wages of Assistant Programmer and GIS Operator working in the Computer Cell Mandla HQ.</p>
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Anti-Poaching	Core Area: Maintenance of vehicles, boats	16.1.14	18.3.5, 18.3.8	35	2.00	1.000 Maintenance of Vehicles * 1500000.000 = 1500000.000 1.000 POL for Vehicles * 2000000.000 = 2000000.000	1500000.000 2000000.000	35.00	It has been proposed for routine repairs/ firmets of vehicles used in the National Park. This is required for maintaining the Project vehicles which are constantly used for patrolling, as anti-poaching strike squads and in routine tours of park officers. There are total of 89 vehicles put together including 2 scorio, 1 car, 3 gypsies, 2 jeeps, 7 bolero campers, 2 bolero SLE, 1 mini truck, 3 tractors, 2 ambulances, 1 rescue squad (swaraj mazda), 3 truck tankers, 3 mini tanker, 2 tata trax cluser and 2 rapid response unit vehicles. Besides, there are 28 motorcycles also in the Tiger

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										Reserve.
Anti-Poaching	Core Area: Maintenance of existing patrolling camps/chowkis and deployment of camp labourers for patrolling.	16.1.3	24.8	15.6	4.00	1.000 Maintenance and Repair of Solar Power System Establish in the Range HQ. and Purchase of Batteries * 500000.000 = 500000.000 1.000 Procurement of Batteries for Water Purifier and Solar Lights * 100000.000 = 100000.000 1.000 Manatance of Solar System at Camps * 500000.000 = 500000.000 1.000 Mosquito net in Camp Windows * 500000.000 = 500000.000	500000.000 100000.000 500000.000 500000.000	16.00	22.605642, 80.363553	There are already existing solar power system in the range Headquarter and patrolling camps and they require repairing and maintenance to keep them effective for the purpose. The proposal has been made for the repair/ maintenance of water purifier, solar light, window etc. for the frontline staff posted at these patrolling camps. The proposal has been made for the repair/ maintenance of water purifier, solar light etc. for the frontline staff posted at these patrolling camps. The proposal has been made for the repair/ maintenance window with Mosquito net and supply of Mosquito net in Camp etc. for the frontline staff posted at these patrolling camps.
Anti-Poaching	Core Area: Maintenance of office equipment.	16.2.1	24.8	2.5	2.00	1.000 Stationery for Office Functioning * 150000.000 = 150000.000 1.000 Maintenance of Office Equipment * 150000.000 = 150000.000	150000.000 150000.000	3.00	22.605642, 80.363553 22.605642, 80.363553	Purchase of stationery material to meet out the day to day expenses for smooth running of the office activities. Maintenance/ Up gradation of office infrastructure.
Anti-Poaching	Core Area: Maintenance of wireless tower.	16.2.3	18.3.19.1.2	3.0	1.00	1.000 Maintenance of Wireless System and Accessories * 400000.000 = 400000.000	400000.000	4.00	22.605642, 80.363553	The National Park has at present 379 wireless sets which need regular maintenance including repairs, replacement of batteries, accessories etc.
Anti-Poaching	Core Area: Procurement /Maintenance of elephants squads	16.1.11	16.4	9.0	1.00	1.000 Food, Medicine, Accessories for 15 Domestic Elephant * 1200000.000 = 1200000.000	1200000.000	12.00		These are essential dietary requirements for semi-captive elephants in the National Park; hence the proposal has been made. Required for the treatment of 15 departmental elephants. The proposal has been made to equip elephants for sensitive area patrolling and tourism.
Strengthening	Core Area: Maintenance of ACF Quarters	16.2.1	18.3.5	0.0	2.00	1.000 Boundary Wall and Gate AD Phen Qtr. * 150000.000 = 150000.000 1.000 Park Superintendent Quarter Kitchen Slab etc. * 800000.000 = 800000.000	150000.000 800000.000	9.50	22.605944, 80.368417 22.301111, 80.550389	The ACF Quarter Boundary Wall and gate is in a bad condition and needs adequate repairing. The Park Superintendent Quarters Kitchen is in a bad condition and needs adequate repairing.
Strengthening	Core Area: Maintenance of anicuts, Stop Dam-cum-Bridge, Culvert, Irish Bridge.	16.2.5	12.4	27.5	1.00	1.000 Maintenance of Waterholes * 2200000.000 = 2200000.000	2200000.000	22.00		Water conservation activities require closure of (371Nos.) anicuts/ stop dams, creation of temporary earthen bunds and saucers and their deepening, cleaning and shaping etc. Hence the proposal has been made.
Strengthening	Core Area: Maintenance of Beat Office	16.2.1	18.3.5	0.0	1.00	1.000 Inspection Hut Garhidadar * 400000.000 = 400000.000	400000.000	4.00	22.182028, 80.887500	The Inspection Hut Garhidadar is in a bad condition and needs adequate repairing
Strengthening	Core Area: Maintenance of earthen ponds.	16.2.7	12.4	16.5	6.00	1.000 Nasenipathar Tank * 150000.000 = 150000.000 1.000 Silyari Tank * 150000.000 = 150000.000 1.000 Desilting of langhadadar anicut * 150000.000 = 150000.000 1.000 Supkher Tank * 150000.000 = 150000.000 1.000 Sehda Nala Tank * 150000.000 = 150000.000 1.000 Ajanpur Tank * 150000.000 = 150000.000	150000.000 150000.000 150000.000 150000.000 150000.000 150000.000	9.00	22.266389, 80.535833 22.327833, 80.580889 22.314722, 80.525694 22.189278, 80.935028 22.183039, 80.940806 22.125972, 80.874306	On account of prolonged siltation, the impounding capacities of these water bodies have reduced considerably, resulting in the non-availability of water during the pinch period. Hence the proposal for distillation has been made.
Strengthening	Core Area: Maintenance of fire lines and firebr	16.2.6	18.3.1.9	111.5	3.00	1.000 Fireline Cleaning and Burning * 600000.000 = 600000.000 1.000 Fire Fighting Equipment * 300000.000 = 300000.000	600000.000 300000.000 800000.000	143.00		Proposed for protecting the habitat from manmade fires under a very comprehensive fire scheme as done in the past. The management engages many squads of fire watchers. The total length of fire lines of different width in the National Park is 1980 km. In addition

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	eaks.					1.000 Engaging Daily Wagers for Fire Protection * 8000000.000 = 8000000.000				830.06 km. of roads inside the National Park are also maintained as fire breaks. Also attached herewith the KML File. To equip fire watchers with different fire fighting gears during the fire season. For 361 fire watchers and 150 field staff. Required for 361 the fire protection measures in the NP. Previous FY Sanctioned Rs. 111.50 lakhs. This year proposed Rs. 183.00 Lakhs, because The State Govt. fund not to be provide in the last two previous FY. Hence the proposal is made.
Strengthening	Core Area: Maintenance of Forest Guard Quarters.	16.2.1	18.3.5	10.5	4.00	1.000 Staff Qtrs. at Kanha * 100000.000 = 100000.000 1.000 FG Naka Jamsehra * 150000.000 = 150000.000 1.000 FG Naka Jangalikheda * 100000.000 = 100000.000 1.000 FG Naka Padmasi * 100000.000 = 100000.000	100000.000 150000.000 100000.000 100000.000	4.50	22.283500, 80.618472 22.227639, 81.006611 22.284028, 81.000889 22.290642, 80.510278	The FG Camps is in a bad condition and needs adequate repairing. The FG Camps is in a bad condition and needs adequate repairing. The FG Camps is in a bad condition and needs adequate repairing. The FG Camps is in a bad condition and needs adequate repairing.
Strengthening	Core Area: Maintenance of Foresters Quarters	16.2.1	18.3.5	0.0	1.00	1.000 RA Patua Quarter Old * 150000.000 = 150000.000	150000.000	1.50	22.101167, 80.979833	The foresters quarter is in a bad condition and needs adequate repairing.
Strengthening	Core Area: Maintenance of Hardware.	16.2.10	14.5.2.1.3, 17.3.2,	0.0	1.00	1.000 Maintenance/ Repair of Computers, Printers, UPS, Laptop etc. * 400000.000 = 400000.000	400000.000	4.00		The proposal has been made for maintenance of computer and accessories such as desktop, laptop, printers, UPS with external batteries, broadband, anti-virus software, toner for field offices & Mandla head office.
Strengthening	Core Area: Maintenance of kuccha roads	16.2.2	10.7.1	54.2	1.00	1.000 Maintenance of Roads * 5800000.000 = 5800000.000	5800000.000	58.00		The proposal is made to facilitate good road communication for vehicles along 438 km. of hilly and 512 km. of plain parts of forest roads used for protection and anti-poaching drive, besides tourism.
Mainstreaming wildlife concerns	Core Area: Monitoring of wild animals.	16.10.1.3	25.3	0.0	1.00	1.000 Monitoring & Evaluation * 100000.000 = 100000.000	100000.000	1.00		The proposal has been made for procuring standardised formats/ registers to be used for regular monitoring of protection system, population estimation of rare and endangered species, various management inputs and tourism activities.
Habitat Improvement	Core Area: Removal of gregarious plant growth from grasslands	16.3	12.3.3, 24.7	45.26	4.00	1.000 Eradication of Lantana and Pogastman * 2500000.000 = 2500000.000 1.000 Eradication of Brushwood from Meadows * 1500000.000 = 1500000.000 1.000 Eradication of Kush Grass and Plantation of Palatable Grass * 600000.000 = 600000.000 1.000 2nd Yr. Mopping up of Lantana Uprooted in 2017-18 * 400000.000 = 400000.000	2500000.000 1500000.000 600000.000 400000.000	50.00	22.316028, 80.531472 22.316417, 80.538306 22.316056, 80.538306 22.299778, 80.543639 22.414444, 80.534167 22.296056, 80.568917 22.313556, 80.545944 22.173167, 80.972444, 22.139917, 81.006389 22.148500, 80.968361 22.126722, 80.800083 22.132500, 80.808639 22.194250, 80.759806 22.245833, 80.720722 22.132278, 80.864222 22.214111,	Lantana is a noxious weed species and its profusion decreases the palatability of grassland which are so crucial for the survival of ungulates, specially the hard ground barasingha in the National Park. The proposal has been made for improving the forage and browse value of the habitat and for saving the grasslands from being encroached upon by lantana. The proposal has been made to save the meadows from gregarious woody encroachment as per the prescriptions given in the current Tiger Conservation Plan for the Core Zone. This conservation initiative will help increase/ stabilise the total area of grassland in the National Park so crucial for the conservation of endangered hard ground barasingha. The amount has been proposed for the eradication of unpalatable grass species mainly Desmostachya bipinnata and planting the same area with local palatable grass species.

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								80.820500 22.210611, 80.811389 22.247056, 80.737000 22.360867, 80.648867 22.339750, 80.727806 22.354667, 80.618722 22.409361, 80.579361 22.183972, 80.617111 22.190222, 80.623861 22.197972, 81.540917 22.271056, 80.617944 22.289167, 80.615472 22.250722, 80.622222 22.316417, 80.538306 22.315056, 80.538306 22.315500, 80.526667 22.269194, 80.523639 22.185192, 80.961083 22.209083, 80.988500 22.200306, 81.015111 22.169139, 80.830472 22.166250, 80.813778 22.149944, 80.847278 22.187000, 80.896556 22.226667, 80.808278 22.264556, 80.630583 22.310278, 80.629611 22.279444, 80.640333 22.279444, 80.640333 22.279444, 80.640333 22.279444, 80.640333 22.279444, 80.640333 22.279444, 80.640333 22.279444, 80.640333 22.279444, 80.640333 22.188472, 80.654278 22.170639, 80.650444 22.153861, 80.659528 22.397514, 80.656222 22.378222, 80.694889 22.388908, 80.662511 22.152839,	The treated area is also fenced by chain-link for improving the food and cover value of these meadows. Such enclosures will be retained for about 2 growing seasons. The mopping up of lantana uprooted in the previous year ensures almost complete elimination.
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								80.768694 22.126722, 80.800083 22.126500, 80.790944 22.150778, 80.831500 22.246389, 80.742556 22.161972, 80.837278 22.175861, 80.839528 22.214111, 80.820500		
Habitat Improvement	Core Area: Weed eradication	16.3	12.3.3, 12.3.6	52.11	1.00	1,000 Eradication of Weed * 5300000.000 = 5300000.000	5300000.000	53.00	22.301333, 80.549250 22.299778, 80.543639 22.314528, 80.587306 22.296056, 80.568917 22.300250, 80.550750 22.302028, 80.550917 22.269194, 80.523639 22.282167, 80.529389 22.206778, 80.593778 22.200222, 80.596972 22.198222, 80.598028 22.194083, 80.590639 22.194222, 80.625028 22.192611, 80.631972 22.175325, 80.954478 22.191528, 80.954139 22.261250, 80.990500 22.165861, 80.913389 22.139333, 80.978361 22.242333, 80.980389 22.252306, 81.026778 22.264000, 80.002657 22.123667, 80.438389 22.124722, 80.976583 22.143806, 80.955222 22.180333, 80.874972 22.126556, 80.780028 22.126500, 80.790944 22.128056, 80.873917 22.127361, 80.905944 22.123917, 80.829000 22.149944, 80.847278 22.330528, 80.590417 22.371250, 80.584639 22.371222, 80.662972 22.333278, 80.622806	The proposal has been made for annual uprooting of unpalatable species/ weeds for improving the food and cover value of the heterogeneous grasslands. This input is necessary to avoid further degradation of grasslands which are the mainstay of various deer species particularly barasingha.

Amal Kumar

								22.342889, 80.623000 22.341861, 80.620056 22.382194, 80.675917 22.326917, 80.605583 22.278167, 80.641833 22.283194, 80.651528 22.275972, 80.617722 22.264556, 80.630583 22.278694, 80.642806 22.271083, 80.621167 22.284389, 80.634472 22.279500, 80.620083 22.269417, 80.643444 22.312611, 80.611444 22.282278, 80.658000 22.320583, 80.637917	
								902.50	
	Total (Recurring):								

(Rs. In Lakhs)

S. No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	354.94	212.96
2.	Recurring (50%)	902.50	451.25
	Total	1257.44	664.21

(Rs. In Lakhs)

Cost of APO including State's share	A	1257.44
Center's share in APO	B	664.21
1 st release @ 80% of Center's share	C=0.8*B	531.37
Less: Unspent balance FY 17 -18	D	80.05
Adjusted 1 st release	E=C-D	451.32
2 nd release @ 20% of Center's share	F=0.2*B	132.84

* 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.



