

No. 4-1(5)/2016-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 17th June, 2016

To,

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

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

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Kanha Tiger Reserve, Madhya Pradesh at the cost of **Rs. 1366.761 Lakhs (Rupees One thousand Three hundred Sixty Six Lakhs Seventy Six thousand One hundred only)** as per details given in the annexure. Of the total cost of the scheme, Rs. 764.975 lakhs being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India** and the **Government of Madhya Pradesh**. The remaining cost of the scheme will be treated as 60% Central Assistance by the Government of India and 40% assistance by the State Government of Madhya Pradesh.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 521.50 lakhs (Rupees Five hundred Twenty One Lakhs Fifty thousand only)** including of 10% flexi-fund to the State Government towards the Grants-in-aid to Government of Madhya Pradesh during the current financial year 2016-17. The balance amount of the Central Assistance will be released in due course after a review of the progress of expenditure/work is undertaken.

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

- (i) All relevant information and documents/certificates as required under GFR 209(I) have been received.
- (ii) The pattern of assistance of rules governing such grants-in-aid have received the approval of the Ministry of Finance, as required under Government of India decision No. (1) under DFPR-Rules 20.
- (iii) Terms and conditions of the service of the employees employed in the **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 208(6)(iv)(a).
- (iv) Assets acquired wholly or substantially out of Government Grants shall not be disposed off without obtaining the prior approval of the sanctioning authority of Grants-in-aid.
 - (v) **The Government of Madhya Pradesh** agrees to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by Govt. of India.
 - (vi) The accounts of the **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 Utilisation Certificate against the earlier funds released under Grants-in-aid have been received and accepted by the competent authority.
 - (ix) Government of Madhya Pradesh in respect of **Kanha Tiger Reserve** may furnish their performance-cum-achievement report alongwith Utilisation Certificate in prescribed format on or before 31.3.2017.
 - (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 2015-16 and unspent balance, if any, will be refunded by **Government of Madhya Pradesh** to the **Govt. of India**.
 - (xiii) Government of Madhya Pradesh in respect of **Kanha Tiger Reserve** will maintain a separate account and will present their annual accounts in the standard format as required under GFR 209(xiii).
 - (xiv) Grants-in-aid shall be utilized for **Kanha Tiger Reserve** strictly as per the Memorandum of Understanding (MOU) between the Ministry of Environment, Forest and Climate Change, acting through the National Tiger Conservation Authority, Field Director (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) Payments are made by bank transfer and no cash payment is to be made.
 - (xxii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.



- (xxiii) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxiv) In case of employment through contract, copy of PF & ESI of employees shall be furnished.
- (xxv) UC is to be submitted as prescribed in GFR along with the progress report and expenditure statement.
- (xxvi) 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.
- (xxvii) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- (xxviii) All measurable parameters are to be adhered to,
- (xxix) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxx) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or G&AG.

4. As the annual budget of the Scheme is approved by the Central Government, the Government of Madhya Pradesh is not required to furnish bond and sureties, in accordance with the Ministry of Finance O.M. No. 14(1)-EII(A)/64 dated 23.6.1965.

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

- (a) The grant is in accordance with the pattern of financial assistance approved by the Planning Commission and the Ministry of Finance.
- (b) The grant sanctioned is subject to the adjustment on the basis of the terms and conditions approving the scheme.

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

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

- i) **To provide flexibility to States to meet local needs and requirements within the overall objective of each programme or scheme;**
- ii) **To pilot innovations and improved efficiency within the overall objective of the scheme and its expected outcomes;**
- iii) **To undertake mitigation/restoration activities in case of natural calamities in the sector covered by the CSS.**

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

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



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

10. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 66/AS & FA dated 14.6.2016.

Yours faithfully,



(Sanjay Kumar)

Deputy Inspector General of Forests (PT)

Copy to:-

1. The Secretary (Forests), Govt. of Madhya Pradesh. A copy of the detailed sanction letter issued by the State Government in respect of this scheme for 2016-17 may kindly be furnished to this Ministry immediately.
2. The Secretary (Finance), Govt. of Madhya Pradesh.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Madhya Pradesh.
4. The Field Director, 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 IG, NTCA Regional Office, Nagpur.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.



(Sanjay Kumar)

Deputy Inspector General of Forests (PT)

ANNEXURE

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

(Rs. In lakh)

S. No.	Item of work	Relevant Para of TCP	GPS Coordinates						Target (No. / Km./ Ha.)	Location / Range / Compt. No.	Current Year Proposal		Justification
			D	M	S	D	M	S			Physical	Financial	
1	2	3	4						5	6	7	8	9
NON-RECURRING (CORE ZONE)													
I	Anti-poaching activities												
i	Anti-poaching squad, wages, transportation & equipment etc.	18.3.20							Superviosr-1 Gunmen-3 Jawan-10 Local youth-60	NP		70.00	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 anti-poaching measures. The number of ex-army and local youth engaged as tiger protection force is as per the sanction accorded by NTCA.
ii	Ex-servicemen engaged for patrolling												
iii	Wages for Tiger Protection Force												
iv	Provision for vehicle on hire	18.3.20						LS	NP		0.50	The proposal is made to hire vehicles for intelligence gathering and nabbing the offenders effectively.	
v	Secret fund for informers:												
	Reward to informers	24.4.5								NP		0.25	To motivate people for assisting the park management in detecting forest and wildlife offenses.
vi	Legal Assistance:												
a	Fees for engaging lawyers	24.8						LS	NP		0.50	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.	
b	Reward for staff & employees	24.4.5								NP	0.50	To motivate the staff / employees for executing exceptionally good work in around the Tiger Reserve.	
2	Strengthening of Infrastructure:												
I	Construction of Patrolling Camps / FG Naka	18.3.5											
a	Pongapani (Temporary)		22	9	25.1	80	46	10.2	1	B'ghat		7.50	All these camps are either kachcha or in a dilapidated condition and need to be made permanent for the
b	Mohgaon		22	24	23.6	80	33	31.4	1	Sarhi		7.50	

	Culvert/ Irish Bridge													
a	Construction of Irish bridge on Sulkum rive		22	16	21.7	80	39	45.6	1	Kanha		10.00	The construction of this stop dam-cum-bridge / culvert / irish bridge is important for impounding water for wildlife in the forest range and and also as important road connectivity for patrolling in the range.	
b	Construction of stop dam-cum culvert at orai (Orai to Ghorella Road)		22	10	47.6	80	38	58.1	1	Mukki		12.00	"	
3.	Construction of Culvert / Causeway	12.4												
a	Culvert at Gaurpathra - 1		22	10	18.3	80	59	03	1	Supkhar		7.00	These culverts / causeways / irish bridges are of vital importance to connect the area specially in the monsoon. The proposed construction will facilitate intensive monsoon patrolling for forest and wildlife protection.	
b	Culvert at Gaurpathra-2		22	10	18.9	80	58	57.1	1	Supkhar		7.00		
c	Culvert on Ghanghar Nala		22	15	42.0	80	33	54.8	1	Kisli		12.00		
d	Causeway on Surapuchi Nala		22	8	50.2	80	47	53.2	1	B'ghat		10.00		
4.	Water Development	12.4												
I	Installation of Hand Pump	24.7												
a	Koyla Bhatta (Temporary Camp)		22	13	45.4	80	32	50.0	1	Mukki		1.20	The proposal has been made to install hand pumps for providing drinking water facilities to the forntline staff. This is essential because some areas in the Tiger Reserve are adjoining to the revenue land where presently the chain-link fences have been erected. Due to these fences the camp areas have become isolated from the existing water points near the villages.	
b	Khamodidadar		22	9	14.7	80	54	23.6	1	B'ghat		1.20	"	
c	Kugaon (baheratola Temporary Camp)		22	14	49.6	80	44	12.6	1	B'ghat		1.20	"	
II	Construction of Wells	24.7												
a	Soonaghat Camp (Baigadagri)		22	17	26.5	80	20	26.1	1	kisli		1.00	Currently, the staff residing at deep seated patrolling camps of the Tiger Reserve get potable water from temporary water pools or du-up jharias, which go dry during summer . The provision of wells at such sites are very important to provide drinking water throughout the year to the Tiger Reserve staff.	
b	Nasenipatther (Bhuskakhet)		22	15	23.4	80	31	31.5	1	Kisli		1.00	"	
c	Khajrahi Camp		22	14	41.7	80	35	52.4	1	Kisli		1.00	"	
d	Kanhari Camp		22	16	47.9	80	38	52.4	1	Kanha		1.00	"	
e	Gaurpathra Camp		22	10	22.2	80	58	44.5	1	Supkhar		1.00	"	
f	Rol Camp		22	16	40.7	80	58	49.5	1	Supkhar		1.00	"	

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g	Budelabehra Camp		22	8	37.3	80	57	17.0	1	Supkhar		1.00	"
5	Construction of Tank	24.7											
a	Daldali Sukdi Meadow		22	7	30.2	80	53	52.2	1	B'ghat		8.00	As this area remains water 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 necessary to create a permanent waterhole somewhere near the patrolling camp. Hence the proposal is made.
b	Rol Meadow		22	16	4.5	80	58	51.1	1	Supkhar		8.50	
6.	Addressing Man-animal Conflict												
i	Rescue of Animals	15.3.7											
a	Tranquilization Accessories (Syringes & Needles etc)								LS	NP		1.00	To be procured for rescue and treatment of animals or for transporting captive animals
b	Tranquilization Drugs								LS	NP		1.00	This has been proposed to maintain the existing, tranquilizing / research facilities which is used for rescue of wild animal in distress and also in translocation of animal from one place to another.
c	Miscellaneous equipment								LS	NP		1.00	
II	Care for Domestic Livestock	15.3.11											
a	Purchase of Vaccines for Cattle immunization								5000 cattle 17 semi-captive elephants	NP		1.00	The proposal has been made for prophylactic immunization of peripheral village cattle and for treatment of sick animals.
b	Veterinary health Camp / Equipment								LS	NP		1.00	The proposal has been made for deworming and veterinary health for the village cattle.
III	Medical Camps	23.7											
a	Procurement of medicines for Mukki Dispensary								2	NP		2.00	Kanha TR area being endemic to the falciparum malaria and other serious diseases, all the patrolling camps and other protection camps need to be supplied with first-aid-boxes so that the field staff could be saved from serious infections/diseases.
b	Distribution of First-aid-Box with important medicines for forntline staff / employees								1.5	NP		1.50	"
c	Anti-Venum Serum for Emergency								40	NP		0.16	To protect the staff against poisonous snake bites, which abound in the NP. It is necessary that at least all the range head qurs. Be equipped with a few vials of anti-venum serum
IV	Solar Power Fence	12.3.2 & 23.2											

a	Rol beat boundary to Bhimdongri -Indri village		22	16	41.0	80	58	50.7	2	Supkhar		7.50	The erection of chain-link fence in the proposed area will prevent intrusion of villagers and their cattle into the NP, this will minimize disease transmission and man-animal conflicts in the TR area.
b	Mana to Kadla		22	11	18.5	80	47	11.4	2	B'ghat		7.50	"
7. Co-existence agenda in Buffer / Fringe areas													
I	Provision of pressure cooker	24.7											
a	Forest villages of the National Park								9 FV	NP		1.00	The removal of fuel wood from the buffer as well as the NP areas is a matter of serious concern. The very entry of the villagers into the core areas possess various threats to the human life and times lead to serious consequences. The conflict between man-animal needs to be minimized by providing some alternative to the villagers who sneak inside the NP for fuel wood collection. Therefore, the proposal is being made.
8 Research & Field Equipments													
I	Research Activities												
a	Monitoring & Determining of Fire Regimes in the grasslands. Monitoring evacuated site	12.3.1							LS	NP		3.00	Looking at the degradation of grasslands, fire is being used as a tool. Monitoring the species and the change will enable studying the species composition / association.
9 Modernization of Information Technology													
a	Computerization with license Software of Mandla Hq. & Field offices.	14.5.2.3, 17.3.2 & 20.5							PCs, printers, software, anti-virus, UPS, for computer room etc.	Mandla		3.00	The proposal has been made for procuring desktop, printer, UPS and anti-virus, license software for Hq. and range offices of the NP, along with a laptop for use in computer room for research, estimation of wildlife and data analysis, procurement of IRS data, preparation of field maps on the GIS domain and procurement of computer accessories such as printers, toner, scanner etc. besides, one main server PC also needs to be procured for the computer lab at the mandla head office.
b	High speed internet connection at Mandla Hqrs.	14.5.2.1.3, 17.3.2 & 20.5							LS	Mandla		0.24	
10 Staff Development													
I	Organization Seminars / workshops / training	24.4											

a	Training								LS	NP		1.00	To manage the PA in a better way, it is necessary to expose the field personnel regularly to various training programmes like crime detection, court cases, field craft, census operations, etc. This will be administered in a two-day training workshop with local as well as external resource person
b	Study Tours								LS	NP		1.00	For rendering exposure to wildlife management in other NP, it is necessary to take field staff of all levels on appropriate study tours
c	Workshops								LS	NP		1.25	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 discussion. In each of the workshop about 60 staff and officers of the Tiger Reserve will participate
II	Purchase of Library Books								LS	Mandla		0.50	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.
III	Field Gear (Dress, Shoes, Socks, Rain Coat, Jacket, Haversack etc) to frontline staff								LS	NP		10.00	To equip the staff better against harsh weather and field conditions for discharging duties more efficiently.
11	Provision of Project & Ration Allowance												
I	Payment of Project Allowance to officers / staff								249 officers & field staff, 9 ministerial staff	NP		24.00	The proposal has been in accordance with the GOI guidelines for providing "Project Allowance" to 249 officers, field staff and ministerial staff. Hence the proposal is made.
II	Provision of Ration Allowance to staffs								222 field staff	NP		23.00	The proposal has been made in accordance with the GOI guidelines for providing "Ration Allowance" to forester - 28, FG-157, driver-2, Mahaut-10, Orderly-7, Choukidar-4, Asstt. Mahaout-4, Baira-3, Khansama-1, Washerman-3, mali-2 and shikari-1 field staff. Hence the proposal is made.
10	Population Estimation & Monitoring	17.3.2											
I	Annual estimation of								LS	NP		5.00	This important annual

	tigers, cor-predators & other wild animals (Phase 0IV & M-StrIPES)										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.
12	Tourism										
I	Wildlife Week Celebrations	23.6					LS	NP		1.50	The proposal has been made for organizing painting, essay and debate competition to mark the wildlife week and to create conservation awareness in general public.
II	Purchase of documentary films	23.6					LS	Mandla		0.25	Presently the park attracts over 1.35.000 visitors per season. The existing stock of films is very small and old as well. Due to constant screening, they are unfit for further use. Hence the proposal for procuring some films has been made.
III	Purchase of Film CDs/ DVDs	23.6					LS	Mandla		0.25	Presently the park attracts over 125000 visitors per season. The existing stock of CDs/ DVDs is very small and old. Due to constant screening, they are unfit for further use. Hence the proposal for procuring some films has been made.
13	Management Planning										
I	Printing of Tiger Conservation Plan for corridors						LS	Mandla		1.50	Copies of the approved TCP for corridors (Kanha-Pench, Kanha-Achanakmar Kanha-Nawegaon-Nagzira) have yet to be circulated within the Tiger Reserve and outside, hence the proposal.
II	Printing of Security Plan & Compartment History for the Kanha TR						LS	Mandla		1.00	Copies of the Security Plan have yet to be circulated within the Tiger Reserve and outside and printing of compartment history, hence the proposal
	TOTAL									364.21	
	NON-RECURRING (BUFFER ZONE)										
1	Anti-poaching Activities										
	Legal support for defending court case	16.4					Buffer	LS		0.25	The proposal is made for the payment of fees to the lawyers engaged in dealing with the wildlife and forest offense cases in

i	Khatia								50 Nos.	Khatia		2.50	The removal of fuel wood from the buffer as well as the NP 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
ii	Sijhora							50 Nos.	Sijhora		2.50		
iii	Motinala							50 Nos.	Motinala		2.50		
iv	Samnapur							50 Nos.	Samnapur		2.50		
v	Khapa							50 Nos.	Khapa		2.50		
vi	Garhi							50 Nos.	Garhi		2.50		
5	Staff skill upgradation	16.4											
a	Trainings & workshops									LS		1.50	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.
b	Study Tours									LS		1.50	For rendering exposure of buffer zone / wildlife management in other tiger reserve, it is necessary to take field staff of all levels on appropriate study tours.
6	Project Allowance to Officers / Staffs	21.1							Buffer	LS		10.00	The proposal has been made in accordance with the GOI guidelines for providing project allowance and areas to officers, field staff and ministerial staff.
7	Good grain allowance								Buffer	LS		7.25	
8	Staff welfare activities	21.1.4											
a	First-Aid Box								Buffer	LS		1.00	The buffer zone area is also highly malarious, specially 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.
b	Drinking water facility (RO & maintenance)								80 Nos	LS		2.00	
c	General rescue equipment								Buffer	LS		1.50	
9	Tourism												
a	Maintenance of nature trails	18.4.2.1.8											
i	Khatia to Chhapri		22	18	26.6	80	31	22.3	7.5 km	Kahtia		1.50	Nature trails are getting popular among tourists that visit the buffer zone area. These trails need to be continuously maintained for tourism.
ii	Khatia to Mocha		22	18	27.7	80	31	23.7	7.5 km	Kahtia		1.50	
iii	MPT		22	8	27.4	80	38	28.5	2.0 km	khapa		0.40	
b	Wayside exhibits,	18.4.2.1.5								LS		1.00	These interpretation

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	display boards										facilities are required for improvement of tourism in the buffer zone.
c	Brochures, booklets, books	19.3.4 & 21.3						LS		1.00	The literature will cover basic information on the buffer zone for tourists.
d	Wildlife celebration week	19.3.4 & 21.3						LS		1.00	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.
TOTAL										100.90	
RECURRING (BUFFER ZONE)											
1	Anti-poaching activities										
a	Patrolling camps watcher and general patrolling	16.4.1					150 Nos.	Buffer		50.00	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 patrolling camps and barriers etc. hence the proposal.
b	Wages of wireless attendants	16.4.3					35 Nos.	Buffer		35.00	The proposal has been made to ensure effective round the clock communication to have quick action through the wireless network for which 20 wireless attendants are engaged.
c	Haulage of POR material						Buffer	LS		1.00	The material needs to be transported either to forest depots are to safe premise.
d	Wages & transportation of persons in custody						Buffer	LS		0.50	Persons in custody under forest cases need to be transported to the relevant courts and this incur expenses, hence the proposal.
e	Fire protection	16.4.1									
	Fire line clean & burn						1718.047 km	LS		10.00	Required for fire protection measures in the buffer zone zone.
	Fire watcher engaged						400 Nos.	LS		25.00	Required for fire protection measures in the buffer zone.
2	Strengthening of Infrastructure										
a	Special repair / maintenance of wireless	16.4.3					Buffer	LS		6.00	Maintenance and repairs of existing 70 buildings.
b	Procurement / maintenance of wireless sets	16.4.3					Buffer	LS		1.50	For the maintenance and repair of existing wireless sets.
c	POL for vehicles	16.4.3					17 Nos.	Buffer		7.00	For quick & effective mobility in the buffer zone.
d	Repair & maintenance of vehicles	16.4.3					17 Nos.	Buffer		2.50	For the maintenance and repair of existing vehicles.
e	Maintenance of road	18.4.2.1.5 &					175 km	Buffer		6.50	Good roads are important for faster movement of

		18.4.2.1.7								vehicles for wildlife and forest protection and supervision of various forestry works.
f	Maintenance procurement of computer	/ of				Buffer	LS		1.00	For maintenance and repair of computers and purchase of accessories in offices including six range offices.
g	Phase-IV Monitoring & M-StripES programe									
	Purchase of equipment						LS		0.50	This important annual exercise under Phase-IV and M-StripES requires printing of a large number of prescribed field formats for dates collection, purchase of batteries for constant use of GPS and Camera traps data analysis etc.
	Printing of proforma						LS		0.50	
	Other						LS		2.00	
3	Habitat Improvement		16.4.2							
	Lantana Mopping									
	Khatia					100 ha.	Khatia		0.51	This proposal is made for eradication of lantona nad improvement and development of grass land
	Sijhora					75 ha.	Sijhora		0.38	
	Total								149.89	
	RECURRING (CORE ZONE)									
1	Anti-poaching activities									
i	Protection wages for patrolling camp watchers & General patrolling		18.3.5			168 watches (25 sensitive camps having 2 watchers & 118 camps having 1 watcher each)	NP		175.00	The protected area has experienced extremist-engineered disturbances in the past, and under the prevailing sensitive situation, constant-patrolling in-group is addition to the found 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 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, around 168 labourers are engaged per day as camp labourers, gang men in squads and mobile parties.
ii	Wages of temporary camps for monsoon		18.3.6			60	NP		15.00	The proposal has been made for engaging extra

a	Ronda		22	10	48.9	80	52	31.8	1	B'ghat		2.00	Repair of existing culvert is essential to facilitate road communication transportation / patrolling
b	kadoldih		22	10	44.7	80	52	31.6	1	B'ghat		2.00	
c	Semarkhero		22	20	20.2	80	37	12.9	1	Sarhi		0.15	
d	Bandribehra culvert No. 1 & 2		22	19	29.2	80	36	21.3	2	Sarhi		0.30	
e	Hatinala		22	21	12.6	80	35	36.4	1	Sarhi		0.30	
f	Bandarkhol		22	24	51.4	80	34	49.6	1	Sarhi		0.30	
g	Padwaware		22	22	41.6	80	34	41.6	1	Sarhi		0.15	
h	Kallekachhar		22	24	21.5	80	33	30.4	1	Sarhi		0.15	
vi	Maintenance of waterholes	12.4							371 water holes	NP		20.00	Water conservation activities require closure of anicuts / stop dams, creation of temporary earthen bunds and saucers and their deepening, cleaning and shaping etc. hence the proposal has been made.
vii	Maintenance of wireless sets	18.3.19.1.2							379	NP		4.00	The National Park has at present 379 wireless sets which need regular maintenance including repairs, maintenance including repairs, replacement of batteries, accessories etc.
viii	Maintenance / repair of computers, printers, UPS, Laptop etc.	14.5.2.1.3, 17.3.2 & 20.5							LS	Mandla		3.00	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.
ix	Maintenance of office equipment	24.8							LS	Mandla		2.00	Maintenance / upgradation of office infrastructure.
x	Maintenance of old chain link fencing	23.3							3 km	NP		6.00	There are already existing chain link fences of 51.84 km in the NP and they require repairing and maintenance to keep them effective for the purpose.
xi	Stationery of office functioning	24.8							LS	NP		1.00	Purchase of stationery material to meet out the day to day expenses for smooth running of the office activities.
3	Habitat improvement												
i	Eradication of lantanga	12.3.3 & 24.7											
a	Lendia meadow		22	29	59.1	80	55	1.0	5	Kisli			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
b	Balaribehra		22	18	21.1	80	32	31.3	10	Kisli			
c	Sandukhol meadow		22	18	39.5	80	33	21.3	5	Kisli			
d	Chahiyaghundi meadow		22	17	58.4	80	32	46.6	8	Kisli			
e	Surpatikola		22	21	59.5	80	53	6.7	5	Kisli			
f	Sahebbarra Meadow		22	36	53.3	80	32	14.6	4	Kisli			
g	Mahuabarra Meadow		22	21	59.5	80	36	1.2	6	Kisli			

df

h	Katangkachhar Meadow		22	37	58.0	80	42	0.2	50	Kanha			habitat and for saving the grasslands from being encroached upon by lantana.	
i	Dhawadadar Meadow		22	12	52.1	80	39	46.3	28	Kanha				
j	Haldupagdandi Meadow		22	13	23.7	80	41	29.8	22	Kanha				
k	Mahuaware Meadow		22	13	59.0	80	36	19.0	6	Kanha				
l	Thuapani Meadow		22	14	28.0	80	40	7.3	50	Kanha				
m	Chhindpathar Meadow		22	16	19.2	80	40	50.3	40	Kanha				
n	Parsatola Meadow		22	18	2.5	80	38	14.4	60	Kanha				
o	Bandribehra Meadow		22	19	45.0	80	36	41.0	45	Kanha				
p	Bamhnidadar Meadow		22	18	57.5	80	42	0.2	37	Kanha				
q	Algidadar Meadow		22	12	3.3	80	48	25.3	33	B'ghat				
r	Adwar Meadow		22	10	48.6	80	50	10.9	36	B'ghat				
s	Katoldih Meadow		22	9	1.8	80	53	24.3	7	B'ghat				
t	Bhursadadar Meadow		22	7	34.9	80	47	25.8	18	Supkhar				
u	Chitaljhola Meadow		22	10	23.1	80	58	16.9	50	Supkhar				
v	Janglikheda Meadow		22	16	35.1	81	0	3.2	100	Supkhar				
w	Sanwahidadar Meadow		22	5	16.1	80	59	16.3	80	Supkhar				
x	Junhapani Meadow		22	11	16.5	80	59	26.1	40	Supkhar				
y	Lapsikabar		22	11	10.0	80	36	56.9	30	Mukki				
z	Mahaveer		22	11	14.9	80	37	57.8	10	Mukki				
aa	Sarhinakan		22	23	51.1	80	39	22.4	60	Sarhi				
ab	Matigahan		22	22	41.6	80	41	41.6	60	Sarhi				
ac	Amahinala		22	23	51.1	80	39	22.4	35	Sarhi				
ad	Kadla		22	10	2.6	80	49	31.2	19	B'ghat				Wildlife habitat has been reclaimed after village relocation, and this old village site need to be improved for ungulates, hence the proposal.
ae	Sukdi		22	9	18.0	80	53	15.3	88	B'ghat				
af	Ajanpur		22	8	52.5	80	52	37.9	20	B'ghat				
ag	Rol		22	16	4.5	80	58	51.1	50	Supkhar				
ah	Linga		22	14	35.2	81	1	29.6	40	Supkhar		28.925		
ii	Eradication of weed	12.3.3&12.3.6												
a	Bamhnidadr Meadow		22	12	45.3	80	41	45.5	50	Kanha		1.25	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	
b	Mundidadar Meadow		22	17	6.3	80	39	7.4	50	Kanha		1.25		
c	Dhawadadar Meadow		22	15	0.2	80	39	39.8	20	Kanha		0.50		
d	Khairmai Meadow		22	18	14.3	80	33	11.0	4	Kisli		0.10		
e	Kisli FRH		22	18	7.9	80	33	4.3	10	Kisli		0.25		
f	Kisli Colony		22	18	1.0	80	33	4.5	8	Kisli		0.20		
g	Chuppe Meadow		22	18	0.2	80	32	45.1	8	Kisli		0.20		
h	Indri Meadow		22	16	18.3	80	31	27.2	14	Kisli		0.35		
i	Gaura-Gauri		22	16	52.6	80	31	34.9	5	Kisli		0.25		
j	Narwakhero Meadow		22	28	18.0	80	53	0.0	5	Kisli		0.25		
k	Chamrabarra Meadow		22	16	17.7	80	31	6.7	10	Kisli		0.25		

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l	Baigadagri Meadow		22	17	6.1	80	30	31.9	5	Kisli		0.25	
m	Diwanbehra		22	15	40.2	80	30	46.6	5	Kisli		0.25	
n	Orai Meadow		22	10	37.1	80	37	40.4	15	Mukki		0.36	
o	Bisanpura Meadow		22	12	23.6	80	35	40.4	15	Mukki		0.36	
p	Sondar Meadow		22	11	5.0	80	37	26.2	20	Mukki		0.50	
q	Ghorella Meadow		22	11	30.8	80	39	25.6	15	Mukki		0.36	
r	Bithli Meadow		22	9	30.7	80	0	34.1	50	Supkhar		1.00	
s	Piperwada Meadow		22	10	10.2	80	0	14.4	50	Supkhar		1.25	
t	Chhotebarkheda Meadow		22	12	51.3	80	54	45.5	4	Supkhar		0.10	
u	Bandarbar Meadow		22	15	41.7	80	0	11.7	75	Supkhar		1.875	
v	Supkhar Meadow		22	11	21.8	80	55	55.9	80	Supkhar		2.00	
w	Jariakachhar Meadow		22	13	59.0	80	59	28.4	25	Supkhar		0.625	
x	Sonf Meadow		22	20	30.0	80	35	46.3	100	Sarhi		2.50	
y	Ronda Meadow		22	21	45.0	80	35	29.1	100	Sarhi		2.50	
z	Linga Meadow		22	15	30.9	81	1	53.4	100	Supkhar		2.50	Wildlife habitat has been reclaimed after village relocation, and these old village site need to be improved for ungulates, hence the proposal.
aa	Rol Meadow		22	16	4.5	80	58	51.1	60	Supkhar		1.50	
ab	Ajanpur		22	7	32.5	80	53	31.9	200	B'ghat		5.00	
iii	Eradication of Brushwood from Meadows:	12.3.3&24.7											
a	Kanhari		22	17	10.0	80	39	20.0	20	Kanha		0.90	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.
b	Sulkum		22	17	38.5	80	38	10.4	14	Kanha		0.63	
c	Badighans Meadow		22	17	10.0	80	39	20.0	15	Kanha		0.67	
d	Bakrabchra Meadow		22	19	19.2	80	37	24.9	10	Kanha		0.45	
e	Mirchaware Meadow		22	19	58.6	80	37	18.4	12	Kanha		0.54	
f	Kanhari Meadow		22	17	48.7	80	37	24.5	55	Kanha		2.47	
g	Kanha Meadow		22	17	10.8	80	37	6.0	30	Kanha		1.35	
h	Deosingh khet		22	28	0.2	80	52	35.0	5	Kanha		0.22	
i	Baigadagri Tiraha		22	17	12.0	80	31	58.3	5	Kisli		0.22	
j	Chunnurghati		22	19	12.0	80	31	58.7	5	Kisli		0.22	
k	Relapatpar		22	15	14.4	80	34	18.3	5	Kisli		0.22	
l	Sondar Meadow		22	11	5.0	80	37	26.2	80	Kisli		3.64	
m	Jami Meadow		22	6	59.3	80	44	59.8	45	Mukki		2.02	
n	Singarpur Meadow		22	12	39.8	80	35	28.0	20	Mukki		0.90	
o	Khamoddidadar		22	9	26.1	80	54	17.2	65	Mukki		2.92	
p	Deoridadar		22	9	21.5	80	48	16.0	8	B'ghat		0.31	
q	Mahuadadar		22	10	11.8	80	47	37.1	17	B'ghat		0.76	
r	Patparahidadar Meadow		22	9	57.0	80	47	40.6	8	B'ghat		0.31	
s	Kauhajhardadar Meadow		22	8	1.2	80	46	44.1	20	B'ghat		0.90	
t	Katoldih Meadow		22	9	1.2	80	46	24.3	30	B'ghat		1.35	
u	Budclabehra Meadow		22	8	28.9	80	57	31.2	13	Supkhar		0.58	
v	Kamkodadar Meadow		22	12	11.9	81	0	38.5	40	Supkhar		1.80	
w	Yerijhap Meadow		22	7	25.2	80	56	16.4	15	Supkhar		0.67	
x	Urnakhero Meadow		22	20	34.2	80	37	30.9	60	Sarhi		2.70	

y	Rol Meadow		22	16	40.9	80	58	50.7	100	Supkhar		4.50	
z	Linga Meadow		22	14	35.2	81	1	29.6	100	Supkhar		4.50	
iv	2 nd year mopping up of lantana uprooted in 2015-16	12.3.3							700	NP		10.50	The mopping up of lantana uprooted in the previous year ensures almost complete elimination.
v	3 rd year mopping up of lantana uprooted in 2014-15	12.3.3							500	NP		7.50	The mopping up of lantana uprooted in the previous year ensures almost complete elimination.
4	Staff welfare activities												
	Spl. Repair / Maintenance works												
a	Water Pipeline & Creation of Water Filter System in Mukki Well at Orientation Cente								LS	Mukki		3.00	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.
b	Water Pipeline at Ghorella Rest House							800 mtr.		Mukki		0.89	
C	Water Supply Pipeline at Harradadar							1.25 km		Mukki		2.00	
d	Procurement of Batteries for Water Purifier & Solar Lights							LS		NP		5.00	
5	Monitoring & Evaluation	25.3											
	Monitoring and evaluation								LS	NP		1.50	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.
Total Recurring (Core)												615.085	
Total Non Recurring (Core+Buffer) – (364.21 + 100.90)												465.11	
Total Recurring (Buffer+Core) – (149.89+615.085)												764.975	
GRAND TOTAL												1230.085	

(Rs. In Lakhs)

S.No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	465.11	279.066
2.	Eco development	--	--
3.	Recurring (50%)	764.975	382.488
4.	Sub Total	1230.085	661.554
5.	10% Flexi-fund (x/9)	136.676	73.506
6.	Total (X)	1366.761	735.06
7.	Adjustment of balance of previous year 2015-16	66.542	66.542
8.	Grand Total	1300.219	668.518

(Rs. In Lakhs)

Cost of APO including State's share (including Flexi Fund)	A	1366.761
Centre's share in APO (without Flexi Fund)	B	661.554
FF on Centre's share	$C=B/9$	73.506
Centre's share including FF	$D=B+C$	735.06
1 st release @ 80% of Centre's share	$E=0.8*D$	588.048
Less: Unspent balance FY 15-16	F	66.542
Adjusted 1 st release including FF	$G=E-F$	521.506
2 nd release @ 20% of Centre's share	$I=0.2*D$	147.012
Total release towards APO in FY 16-17	$J=(9/10)*(G+I)$	601.666
Total release towards FF in FY 16-17	$K=(1/10)*(G+I)$	66.852
Grand total release in FY 16-17	$L=G+I$	668.518
Total effective release including USB	$L+F$	735.06
Effective release for APO activities	$J+0.9*F$	661.554
Effective release for FFs	$K+0.1*F$	73.506

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