

No. 4-1(17)/2016-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

B-1 Wing, 7th Floor,
Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi-110003
Tel. (EPABX) +91 11 2436 7837- 42
Fax No. +91 11 2436 7836
E-mail: aig3-ntca@nic.in

Dated the 13th July, 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 Valmiki Tiger Reserve, Bihar 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 Valmiki Tiger Reserve, Bihar at the cost of **Rs. 983.388 Lakhs (Rupees Nine hundred Eighty Three Lakhs Thirty Eight thousand Eight hundred only)** as per details given in the annexure. Of the total cost of the scheme, Rs. 667.05 lakhs being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India** and the **Government of Bihar**. 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 Bihar.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 384.655 lakhs (Rupees Three hundred Eighty Four Lakhs Sixty Five thousand Five hundred only)** including of 10% flexi-fund to the State Government towards the Grants-in-aid to Government of Bihar 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 **Valmiki 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 Bihar** 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 **Valmiki 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 Bihar in respect of **Valmiki Tiger Reserve** may furnish their performance-cum-achievement report alongwith Utilisation Certificate in prescribed format on or before 31.3.2017.
- (x) **Valmiki 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 Bihar** 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 Bihar** to the **Govt. of India**.
- (xiii) Government of Bihar in respect of **Valmiki 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 **Valmiki 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 (Valmiki Tiger Reserve) and **Government of Bihar**.
- (xv) Monitorable outcomes on the item of works contained in the sanction letter both in physical and financial terms are required to be furnished in the monthly report regularly. Compliance status on Tripartite Memorandum of Understanding is required before submission of additional or ensuing year's Annual Plan of Operation (APO).
- (xvi) The expenditure should be limited to the amount released and in no case should be done in anticipation of further release by the Ministry.
- (xvii) **The payments of daily wagers should be done through account transfer / account payee Cheques only duly linked with Aadhar Number.**
- (xviii) It may please be ensured that there is no duplication of nature and items of work being proposed in the same area under the Centrally Sponsored Scheme of Project Tiger and other Centrally Sponsored Schemes such as Project Elephant, Eco-development and IDWH Schemes etc.
- (xix) The cost estimates worked out by the Field Director should be based on approved schedule of rates of the State Government, with due approval of the competent authority.
- (xx) Approval of the competent authority be obtained and acceptance of UC may be ensured by PD.
- (xxi) Payments are made by bank transfer and no cash payment is to be made.
- (xxii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.

- (xxiii) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work to be uploaded in the website of the State Government and Centre for public viewing.
- (xxiv) The UCs with photographs and progress report are to be uploaded in the website of the State Government and Ministry for public viewing.
- (xxv) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxvi) In case of employment through contract, copy of PF & ESI of employees shall be furnished.
- (xxvii) UC is to be submitted as prescribed in GFR 19-A.
- (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) Measurable parameters for outcome / impact assessment shall be incorporated in sanction order and all measurable parameters are to be adhered to.
- (xxxi) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxxii) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or G&AG.
- (xxxiii) All guidelines under the project is to be followed scrupulously.
- (xxxiv) The measurable outcome under the project (quantified) in terms of number of tigers in tiger reserve, eco-tourism in tiger reserve, %age decrease in man-animal conflict etc. are required to be depicted in the progress report.

4. As the annual budget of the Scheme is approved by the Central Government, the Government of Bihar 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.

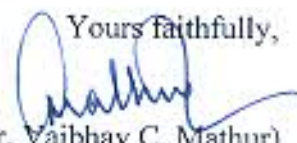
The flexi-fund will be utilized by the State Government as per the guidelines issued by the Ministry of Finance, Government of India, read with guidelines of the Centrally Sponsored Scheme of Project Tiger in vogue, for utilisation in the tiger reserve.

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 Bihar 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, 3601.02.789-Special Component for Scheduled Castes, 3601.02.789.50-Integrated Development of Wild Life Habitats, 3601.02.789.50.03- Project Tiger, 3601.02.789.50.03.31- 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. 337/AS & FA dated 05.07.2016.

Yours faithfully,



(Dr. Vaibhav C. Mathur)

Assistant Inspector General of Forests (PT)

Copy to:-

1. The Secretary (Forests), Govt. of Bihar. 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 Bihar.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Bihar.
4. The Field Director, Valmiki Tiger Reserve, Bihar.
5. The Accountant General, Bihar.
6. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
7. The IG, NTCA Regional Office, Guwahati.
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)

VALMIKI TIGER RESERVE, BIHAR
ANNUAL PLAN OF OPERATION FOR THE YEAR 2016-17

(Rs. In Lakhs)

Sl. No.	Activities	Item	Para No. of CSS-PT Guidelines	Current year proposal (2016-17)				Justification
				Location	Physical Target	Amount	GPS Location	
NON-RECURRING - Core								
1	Anti-poaching	Establishment of Patrolling Camp/APC Camp @ 7.00 lakh per unit	16.1.4	Core area of VTR	4 Camps	28.00	N/14- N 27° 22' 39.08" E 84° 06' 45.02" K/45- N27° 16' 50.56" E 84° 10' 17.82" S/44- N27° 20' 14.1" E 84° 28' 24.8" R/20- N27° 26' 00.9" E 84° 11' 17.09"	Presently 35 camps are operational. Proposed camp is near habitation. It is necessary to construct this camp for keeping continuous vigilance & monitoring on wildlife and forest crimes.
2		Establishment of Naka building @ 3.00 lakh per unit	16.1.4		1 Naka	3.00	M/08- N27° 13' 59.03" E 83° 59' 59.07"	
3	Strengthening	fire fighting equipments 4 sets Tractor, tanker and pump @ 6,50,000/- = 650000 Axe 10 @ 150/- = 1500 Sickle- (20) @ 150/- = 3000 Tagari and bucket- 25 @ 400/- = 10000 Rake- 25 @ 500/- = 12500 Fire extinguisher- 4 @ 20000/- = 80000 Delivery Pipe with nozzle @ 7500 = 7500 Fire Resistant clothing- 25 @ 3000 = 75000 Basket- 25 @ 100/- = 2500 Handheld mike- 2 @ 2500/- = 5000 Rope @ 5000/- = 5000 Gunny bag- 50 @ 50/- = 2500 Broom- 25 @ 30/- = 750 Fire beater- 25 @ 530/- = 13250 Total = 863500	16.2.9	Core Area VTR	2	17.27		
4	Strengthening	Approach path to watch tower in R-30 and forest road strengthening using local misout. @ 1.00 lakh/ km.	16.2.6	Core Area VTR	10 km	10.00		For wildlife monitoring and fire alert

5		Construction of (patrolling camp, culverts).	16.2.1.1		1	8.40	S/66- N 265085 (UTM) E 3019188	For all weather movements.
6		Creation of earthen ponds, 100' x 100' x 8' dimension @ 2.50 lakh per pond.	16.2.1.5		2	5.00	S/54- N 258953 (UTM) E 3025677 R/63- N 233144 (UTM) E 3023644	For water harvesting and for use of wild animals.
Total (Non- Recurring) Core						71.67		
NON-RECURRING- Buffer								
1		Erection of one new wireless Station @ 300000/-	16.1.7	Buffer Area of VTR	1 Wireless Station	1.75	Chiuta/s - N 27° 16' 21.1" E 84° 06' 32.03"	These repeaters will be installed so as to facilitate communication in shadow areas necessitated by undulating terrain and hillocks. Handsets will facilitate inside forest.
2	Anti-poaching	Erection of Repeater stations @ 100000 per station.	16.1.7		6	6.00		
3		Procurement of Walki-Talki Handset @ 13000 per handset	16.1.7		40	5.20		
4	Addressing man-animal conflict	Payment of compensation for cattle lifting, death of human beings and crop predation by wild animals. L.S Rs 7.00 Lakh	16.4.1			7.00		To create goodwill and compensate the victims.
5	Mainstreaming wildlife concerns	Redressing man-animal conflict. L.S Rs2.00 Lakh	16.10.1	Buffer Area of VTR	1	2.00		Rhinos and Elephants often stay to Indian side leading to conflict and occasionally loss of life. They have to be guided back using extra man force and additional resources.
6	Staff welfare	Supply of mosquito nets @ Rs 500/- per person	16.16.5	Buffer Area of VTR	500	2.50		Staff welfare
7		Basic health care/ Health Camps/ Medical Camp 5 camps @ 25000/- per camp	16.6.3	Buffer Area of VTR	5	1.25		As part of the entry point activity to create goodwill
8	Eco-development	To carry out prophylactic immunization of cattle in and around Tiger Reserve at 4 centres @ 25000/- per unit.	16.5.1	Buffer Area of VTR	4	1.00		As part of the entry point activity to create goodwill
9	Anti-poaching	Establishing patrolling camps/ chowkies/ staff quarters etc. 1. Construction of Patrolling Camps. @ 7.00 lakh per Camp	16.1.3	Buffer Area of VTR	3	21.00	K/35- N 27° 20' 16.01" E 84° 08' 16.01" M/6- N 27° 12' 47.02" E 84° 01' 05.05" K/13- N 27° 22' 39.08" E 84° 06' 45.02" R/63- N 23° 32' 0.07" E 20° 22' 84" R/31- N27° 21' 59.4" E 84° 12' 53.1"	Presently 35 camps are operational. Proposed camps will be in remote areas not yet covered. It is necessary to construct these camps for keeping continuous vigilance and monitoring on wildlife and forest crimes.
10		2. Construction of patrol chowkis @ 20000 /- per chowkie	16.1.3	Buffer Area of VTR	20	4.00		

11	Anti-poaching	Procurement field gear, night vision device, field dress, boots, binoculars Tent @ 8000/- Sleeping bag @ 1500/- Rubber mat @ 500/- Total per unit Rs. 10,000/-	16.1.21	Buffer Area of VTR	50	5.00		To facilitate night halting of patrolling staff along international boundary
12	Strengthening	Construction of (staff quarters, family hostels, office improvement, house keeping buildings, museum). 1. Construction of one Range office -cum- Residence for R.O.F. Madanpur Range @ Rs. 3500000,	16.2.1.3	Buffer Area of VTR	1	25.00	Madanpur- N 27° 13' 45" E 83° 59' 59.07"	ROF office -cum- Residence will be constructed at Madanpur, Barrack will be constructed for staff in Manpur beat. There are no dedicated prisons for custody of nabbed offenders.
13		2. Construction of one two room barrack @ Rs. 1290000	16.2.1.3	Buffer Area of VTR	1	12.90	S/66- N 264488 (UTM) E 3018306	
14		Construction of Hazat rooms at 4 Range Head quarters. @ Rs. 800000 per hazat.	16.2.1.3	Buffer Area of VTR	2	12.00	Chutaha- N 27° 15' 40.08" E 84° 12' 07.05" Harmand - N 27° 18' 14.08" E 84° 01' 06.09" S/47- N 255340 (UTM) E 3022856 S/3- N 27° 19' 36" E 84° 12' 53.1"	
15		Procurement of Hardware. Purchase of 3 Computer with accessories @ 55000/- and 5 printers @ 10000	16.2.18	Buffer Area of VTR	8	2.15		
16	Addressing man-animal conflict	Procurement of tranquilizing equipments, darts, rescue vehicles, drugs. Purchase of tranquilizing gun equipment. @ Rs. 4.50 Lakh	16.4.5	Buffer Area of VTR	1	4.50		To deal with aberrant/ problematic animals
17	Research and field equipment	Day to day monitoring of wild animals. Procurement of Camera Trap with accessories @ 18000/- per Camera trap	16.7.1	Buffer Area of VTR	40	7.20		For better monitoring non flash cameras will be installed
18	Staff Development	Providing Project Allowance & special incentives. Provision for insurance premium for field staff. Per person Rs. 330/-	16.8.2	Buffer Area of VTR	558 person	1.85		Under Pradhan Mantri Jan-Dhan Yojana.

19		Study tours for appraisal of good practices in other reserves. Per staff Rs. 5000/-	16.8.5	Buffer Area of VTR	40 Staff	2.00		Training and learning of g. wildlife management practices for front line staff and to keep their motivation level high.
20	Project Allowance	Provision of Project Allowance to staff (all categories) of Project Tiger.	16.15	Buffer Area of VTR	59	5.73		As per NTCA norms
21		Provision for ration allowance to field staff. F.G.+Fr. 29 @ 860 PM	16.16.1	Buffer Area of VTR	29 person	3.00		As per NTCA norms for providing nutrient rich food to field staff.
22	Staff welfare	Supply of field kit. Uniforms, Boots and sweaters for frontline staff @ 2000/- per person	16.16.4	Buffer Area of VTR	500 person	10.00		These accessories are important for safety, sustenance and functioning of frontline staffs in field.
23		Supply of medicine. Medical reimbursement to staff who meet with accident in line of duty.	16.16.3	Buffer Area of VTR	L.S.	1.00		There are no existing provisions.
24	Fostering Tourism	Wildlife Conservation Awareness. 40 public awareness meetings @ 3000/- Rs. 1.20 lac and 11 nature camps @ 10000/- Rs. 1.10 lac.	16.17.3	Buffer Area of VTR	51	2.30		To inculcate and sensitize people from different walks of life on aspects of importance of wildlife/ forest conservation, specially children.
Total (Non- Recurring) Buffer						146.33		

RECURRING CORE

Anti - Poaching activities

1	Anti-Poaching	Maintenance of wireless network. 3 Wireless operators at each of the 02 locations @ 7000 PM	16.1.8	Core Area VTR	6	5.04		To facilitate 24x7 connectivity
2		Maintenance of road network. Strengthening of road in erosion prone areas (10 locations) @50000/- Per location	16.2.4	Core Area VTR	10	5.00		The roads are ravaged by numerous streams which cause severe damage during rains necessitating such measures.
3		Maintenance of vehicles (Gypsy, Jeep, Truck, Tractor, staff car etc.) @ Rs.1.00 lakh per vehicle	16.2.18	Core Area VTR	7	7.00		Running expenses and Annual maintenance
4	Strengthening	Maintenance of wireless tower station	16.2.8	Core Area VTR	2 location	0.50		Annual maintenance and battery replacement
5		Procurement of compass, range finder, Global Positioning System (GPS), camera traps. Unit Rate Rs.15000/- per piece	16.2.22	Core Area VTR	25 GPS	3.75		For GPS based patrolling.
6		Procurement of vehicles 4 Motorcycle @ 75000 and 2 Gypsy @ 725000	16.2.17	Core Area VTR	4 MCs	2.20		To provide un-interrupted mobility of management staffs.

7		Deployment of anti-poaching squads, 5 Persons (4 persons @ 5500 PM and 7000 PM for team leader). Total 14 APC	16.1.2	Core Area VTR	70 Person	48.72		To ensure vigilance and protection of reserve at night or in exigencies
8	Anti-Poaching	Deployment of camp labourers for patrolling. Camp Labour @ 5500/-PM	16.1.5	Core Area VTR	35 Person	23.10		To facilitate the management works at different places.
9		Maintenance of existing patrolling camps/chowkis.	16.1.4	Core Area VTR	14	7.00		Provision of solar light, drinking water, bed etc and annual upkeep and minor maintenance.
10	Strengthening	Maintenance of road network, strengthening of road in erosion prone areas (10 locations) Rs 50000/- per location	16.2.4	Core Area VTR	10	5.00		The roads are ravaged by numerous streams which cause severe damage during rains necessitating such measures.
11	Mainstreaming wildlife concerns	Monitoring of wild animals. 11 teams of Tiger Trackers of 5 member each (Rs. 7000 PM for team leader and Rs. 5500 PM for other 4 persons)	16.10.3	Core Area VTR	55 person	38.28		To continuous monitor tigers and other important species of the reserve and communicate the same to the management.
12	Habitat Improvement	Grass land improvement, wetland improvement Rs.15000/- per haec.	16.3.4	Core Area VTR	100 ha.	15.00	T/09- N 27° 39' 46" E 84° 03' 0" T/11- N 27° 40' 31" E 84° 03' 37" K/7- N 27° 38' 14" E 84° 06' 45.02" R/27- N 227188 (UTM) E 3033650 R/54- N 230142 (UTM) E 3027354 R/25- N 226224 (UTM) E 3036276 S/53- N 258762 (UTM) E 3025385 S/54- N 259987 (UTM) E 3026145	Because of high productivity the grasses become coarse and unpalatable and become fire hazard. Annual management restricts growth of woody species as part of natural succession
13	Habitat Improvement	Weed eradication. Phoenix (100 Ha) @ 18000.	16.3.1	Core Area VTR	150 ha.	27.00	K/30- N 27° 18' 0.6" E 84° 06' 38.03" T/39- N 27° 40' 0.4" E 83° 96' 54" T/7- N 27° 38' 13" E 84° 05' 34" R/56 N 231292 (UTM) E 3024845 R/56 N 230037 (UTM) E 3024906 S/43 N 253530 (UTM) E 3025587 S/48 N 254987 (UTM) E 3025276	To manipulate habitat in order to promote the growth of palatable species to augment food availability and there by increase prey population
14	Habitat Improvement	Weed eradication. Michenia (100 Ha) @ 15000	16.3.1	Core Area VTR	100 ha.	15.00	R/44 N 229980 (UTM) E 3027364	To manipulate habitat in order to promote the growth

15		Wood eradication. Eupatorium (100 Ha) @ 10000 per ha.	16.3.1	Core Area VTR	100 ha.	10.00	R/54 N 230075 (UTM) E 3025951	
Total (Recurring) Core						212.59		
RECURRING Buffer								
1	Anti-Poaching	Deployment of ex-army personnel and home guards.	16.1.11	Buffer Area of VTR	30x12x0.15	54		10 each at two sensitive locations Doon and Harmand range, Ganauli range, Valmikinagar range and Manguraha Ranges where anthropogenic pressure is high.
2		Deployment of local work force for patrolling, surveillance of water holes, manning barriers. 25 patrolling teams of 5 member each (Rs. 7000 PM for team leader and Rs. 5500 PM for other	16.1.12	Buffer Area of VTR	25	87.00		There are villiges located at the fringe creating huge pressure. To reduce cnes of forest offences local youths are deployed to strengthen the anti-poaching squads and thereby making wildlife conservation more effective.
3		Deployment of Drivers for patrolling. @10360/ P.M.	16.1.12	Buffer Area of VTR	17	21.13		To facilitate mobility of staffs at various levels to impart their duties. To run the nakas.
4		Deployment of Barrier labour for manning barriers.	16.1.12	Buffer Area of VTR	32	21.12		
5		Maintenance of elephant handlers 2 persons @ 7000 PM.	16.1.16	Buffer Area of VTR	2	1.68		Elephants maintenance
6		Maintenance of elephant Medicine and Medical cheque up @ 3000 PM	16.1.16	Buffer Area of VTR	1	0.36		
7		Maintenance of elephant for food @ 9000 PM	16.1.16	Buffer Area of VTR	1	1.08		
8		Maintenance of Elephant shade @ 50000	16.1.16	Buffer Area of VTR	1	0.50		
9		Maintenance of wireless network. 3 Wireless operators at each of the 14 locations @ 7000 PM	16.1.8	Buffer Area of VTR	42	35.28		To facilitate 24x7 connectivity
10		Operation Monsoon-Ensuring special site specific protection measures during monsoon considering the terrain and accessibility of Protected Areas.	16.1.10	Buffer Area of VTR	VTR	2.00		Monsoon, Durga Pooja, Holi and New year eve are most vulnerable occasions
11	Strengthening	Maintenance of Geographical Information System (GIS) @ 60000/- per Range	16.2.26	Buffer Area of VTR	8 Ranges	1.00		To meet running expenses of Battery for Camera Trap, GPS, Tracing paper etc.
12		Maintenance of wireless tower station	16.2.8	Buffer Area of VTR	14 location	3.00		Annual maintenance and battery replacement
13	Anti-Poaching	Deployment of anti-poaching squads. 5 Persons (4 persons @ 5500 PM and 7000 PM for team leader). Total 21 APC	16.1.2	Buffer Area of VTR	105 Person	73.08		To ensure vigilance and protection of reserve at night or in exigencies

14		Legal support for defending court cases. Investigation and forensic expenses	16.1.18	Buffer Area of VTR	L.S.	1.00		For ensuring better conviction in Wildlife cases
15		Maintenance of vehicles (boats, motorbikes, mobility) Maintenance of vehicle (10 numbers)	16.1.20	Buffer Area of VTR	10	7.00		Running expenses and annual maintenance
16		Maintenance of existing patrolling camps/chowkis.	16.1.4	Buffer Area of VTR	21	10.50		Provision of solar light, drinking water, bed etc and annual upkeep and minor maintenance.
17		Maintenance of wireless network. Power back	16.1.8	Buffer Area of VTR	16	4.00		Electricity is not available at all location. Generators have to be used to recharge batteries for round the clock wireless connectivity
18		Maintenance of wireless network, Purchase of two Generator	16.1.8	Buffer Area of VTR	2	4.00		
19		Rewards to informers. To create spy network.	16.1.17	Buffer Area of VTR	L.S.	0.50		To create spy network.
20		Maintenance of fire watch tower. Rs. 5000/- per watch tower	16.2.9	Buffer Area of VTR	14	0.70		For annual maintenance and repair
21	Strengthening	Maintenance of kuccha roads. Transact line Rs. 10500/- per transectline (wages with materials)	16.2.3	Buffer Area of VTR	130	8.00		Transact lines are necessary to facilitate movement of forest staffs to impart their routine duty, to collect scientific data on wildlife and habitat. (phase I and phase IV monitoring)
22	Mainstreaming wildlife concerns	Monitoring of wild animals. 11 teams of Tiger Trackers of 5 member each (Rs. 7000 PM for team leader and Rs. 5500 PM for other 4 persons)	16.10.3	Buffer Area of VTR	55 person	38.28		To continuous monitor tigers and other important species of the reserve and communicate the same to the management.
23	Staff Development	Capacity building and training. Rs. 25000/- per training	16.8.1	Buffer Area of VTR	20	1.00		Training will be imparted to field staff on various subjects e.g. 1. Patrolling 2. Legal awareness 3. Man-animal conflict 4. Eco-tourism
24	Staff welfare	Maintenance of torch/ batteries @ Rs. 400/- per unit	16.16.6	Buffer Area of VTR	558	1.60		For staff welfare as there is no electricity at most locations
26		Weed eradication. Phoenix (200 Ha) @ 18000,	16.3.1	Buffer Area of VTR	200 ha	4.00	K/12- N 27° 22' 53.08" E 84° 0.6' 10.02" K/32- N 27° 17' 53.08" E 84° 0.7' 56.30" K/30- N 27° 18' 25.09" E 84° 0.5' 14.07" K/25- N 27° 20' 48.05" E 84° 0.8' 10.30" K/24- N 27° 21' 16.01" E 84° 0.7' 54.06" R/63 - N 232601 (UTM) E 3024879	To manipulate habitat in order to promote the growth of palatable species to augment food availability and here by increase prey population

							S/38- N 27° 18' 37.32" E 84° 26' 45.97" S/37 - N 246646 (UTM) E 3023932 S/26,28- N 27° 18' 37.71" E 84° 25' 20.97"	
27	Habitat Improvement	Weed eradication. Michenia (100 Ha) @ 18000	16.3.1	Buffer Area of VTR	100 ha.	5.00	K/18- N 27° 19' 01.06" E 84° 0.3' 38.06" K/24- N 27° 21' 39.04" E 84° 0.7' 48.04" R/52- N 232123 (UTM) E 3026789 S/60- N 244004 (UTM) E 3024075 S/14- N 27° 19' 26.37" E 84° 20' 18" S/37- N 27° 18' 29.07" E 84° 26' 29.52"	To manipulate habitat in order to promote the growth of palatable species to augment food availability and there by increase prey population
28	Habitat Improvement	Weed eradication. Eupatorium (150 Ha) @ 15000 per ha.	16.3.1	Core Area VTR	150 ha.	5.00	S/66- N 266612 (UTM) E 3019676 S/3- N 27° 19' 56" E 84° 18' 51.10" S/26- N 27° 18' 34.86" E 84° 25' 55.71" S/69- N 267498 (UTM) E 3017295	To manipulate habitat in order to promote the growth of palatable species to augment food availability and there by increase prey population
29	Strengthening	Procurement of hardware, software, manpower, training, gps, etc. 1. Skilled Man power for data processing at Director & Dy, Director offices @16000/- per person.	16.2.28		3	5.76		Computer data entry operators needed for GPS based SMART patrolling
30		2. Semi Skilled Man power for data processing at Range level office @6000/- per person.	16.2.28		8	5.76		
31	Mainstreaming wildlife concerns	Maintenance of dog squad. Wages for 2 Dog handlers @ 7000 PM,	16.10.4	Buffer Area of VTR	4	3.36		Important for seizure of wildlife articles and in investigation of wild-life crimes.
32		Procurement of Medicine for 2 sniffer dogs @ 1500 PM	16.10.4	Buffer Area of VTR	2	0.36		
33		Feed for 2 sniffers dog @ 6000 PM	16.10.4	Buffer Area of VTR	2	1.44		
34		Creation of fire lines and fire breaks. 1. Engagement of labourers as fire watcher for 135 days during fire season to deal with such events per day @22500/-	16.2.14	Buffer Area of VTR	50 person	11.25		Too much anthropogenic pressure and fire is mostly man-induced here so a dedicated squad is needed to contain fire.

		per person.						
35		2. Creation of 9 meter wide fire lines and firebreaks. @ 30 mandays/ km. or Rs. 6180/- km.	16.2.15	Buffer Area of VTR	400 km	24.72		To secure forest/ wildlife of reserves from fire as this reserve is fire prone.
36		Creation of road network. Strengthening of existing roads. @ Rs 1.00 Lakh per km.	16.2.5	Buffer Area of VTR	10 km	10.00		To facilitate vehicular movement in remote parts for better protection related patrolling.
		Total Recurring (Buffer)				454.46		
		Total Non Recurring (Core+Buffer)				218.00		
		Total Recurring (Core+Buffer)				667.05		
		GRAND TOTAL				885.05		

(Rs. In Lakhs)

S.No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	218.00	130.80
2.	Eco development (60%)	--	--
3.	Recurring (50%)	667.05	333.525
4.	Sub Total	885.05	464.325
5.	10% Flexi-fund (x/9)	98.338	51.591
6.	Total (X)	983.388	515.916
7.	Adjustment of balance of previous year 2015-16	28.078	28.078
8.	Grand Total	955.31	487.838

(Rs. In Lakhs)

Cost of APO including State's share (including Flexi Fund)	A	983.388
Centre's share in APO (without Flexi Fund)	B	464.325
FF on Centre's share	C=B/9	51.591
Centre's share including FF	D=B+C	515.916
1 st release @ 80% of Centre's share	E=0.8*D	412.733
Less: Unspent balance FY 15-16	F	28.078
Adjusted 1 st release including FF	G=E-F	384.655
2 nd release @ 20% of Centre's share	I=0.2*D	103.183
Total release towards APO in FY 16-17	J=(9/10)*(G+I)	439.054
Total release towards FF in FY 16-17	K=(1/10)*(G+I)	48.784
Grand total release in FY 16-17	L=G+I	487.838
Total effective release including USB	L+F	515.916
Effective release for APO activities	J+0.9*F	464.325
Effective release for FFs	K+0.1*F	51.591

* 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.

