

No. 4-1(17)/2019-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 31st July, 2019

To,

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

Sub: Centrally Sponsored Plan Scheme 'Project Tiger' Administrative Approval for funds release to Valmiki Tiger Reserve, Bihar during 2019-20 –reg.

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Valmiki Tiger Reserve, Bihar at the cost of **Rs. 1393.52 Lakhs (Rupees One thousand Three hundred Ninety Three lakhs Fifty Two thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 1089.18 Lakhs (Rupees One thousand Eighty Nine lakhs Eighteen thousand only)** being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India and 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. 562.84 lakhs (Rupees Five hundred Sixty Two lakhs Eighty Four thousand only)** as the 1st installment of Central Share towards the Grants-in-aid to Government of Bihar during the current financial year 2019-20. The balance amount of the Central Assistance will be released in due course after a review of the progress of expenditure/work is undertaken.

3. The grants-in-aid will be regulated in accordance with the provisions contained in the memorandum of the Centrally Sponsored Project Tiger Scheme. The Grants-in-Aid is also subject to the Chapter 9 of the General Financial Rules 2017, as amended from time to time, read with the Government of India's decision incorporated there-under, and any other guidelines which may be issued in this regard, and in particular to the following conditions:-

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

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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 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, 1971 as amended from time to time.
- (vii) The accounts of the Project Tiger Scheme shall be open for inspection by the sanctioning authority and audit, both by the Comptroller & Auditor General of India under the provision of C&AG (DPC) Act, 1971 and internal audit party by the Principal Accounts Office of the Ministry whenever it is called upon.
- (viii) The Utilization Certificate against the earlier funds released under Grants-in-aid have been received and accepted by the competent authority.
- (ix) Government of Bihar in respect of **Valmiki Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2020.
- (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 2019-20 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 230(5).
- (xiv) Grants-in-aid shall be utilized for **Valmiki 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 (**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) The expenditure is incurred as per the allocation of funds.
- (xxii) Payments are made by bank transfer and no cash payment is to be made.
- (xxiii) Funds will not be diverted for any item other than specified herein.
- (xxiv) Funds to be spent only on items approved in TCP.

- (xxv) Funds for POL / maintenance of vehicles would be admissible only for the vehicles purchased from CSS funds.
- (xxvi) Compensation for loss due to wildlife is to supplement the State Government fund as per the rules of State Government.
- (xxvii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.
- (xxviii) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- (xxix) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxx) In case of employment through contract, copy of PF & ESI contributions of employees shall be obtained wherever applicable.
- (xxxi) All measurable outcome of this grant must be mentioned in the sanction order and UC is to be submitted as prescribed in GFR 2017 – Form GFR 12-C.
- (xxxii) If the implementing agency does not use the fund for the purpose for which it was given, it has to refund the same with interest.
- (xxxiii) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- (xxxiv) The sanction order must mention measurable physical parameters and all measurable parameters are to be adhered to.
- (xxxv) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxxvi) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or C&AG.
- (xxxvii) All guidelines under the project is to be followed scrupulously.
- (xxxviii) The UC with physical progress report and satellite photo with physical deliverable with date and latitude – longitude coordinates before and after completion of work be obtained of each tiger reserve and uploaded on the website of the implementing agency as well as the Ministry for public access.
- (xxxix) The measurable outcome under the project (quantified) in terms of number of tigers in tiger reserve, eco-tourism in tiger reserve, %age decrease in man-animal conflict etc., may also be submitted in the progress report.
- (xl) All labour payments strictly by DBT.

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 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.

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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 Bihar 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 2019-20 :

Scheme	Budget Head	Amount (Rs. in lakhs)
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	478.42
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	42.21
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	42.21
Total		562.84

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 124987/AS&FA (PG) dated 24.07.2019.

Yours faithfully,

Nishant Verma 31/7/19
(Nishant Verma)

Deputy 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 2019-20 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. 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.

Nishant Verma 31/7/19
(Nishant Verma)

Deputy Inspector General of Forests (PT)

VALMIKI TIGER RESERVE, BIHAR
ANNUAL PLAN OF OPERATION 2019-20

Annexure

(Rs. in Lakhs)

Non-Recurring (Core)									
Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY	No. of Items (Physical Target)	Sub-item Details	Unit Price (Rs.)	Total (Financial Target)	Justification (with GPS)
Anti-Poaching	Establishing of Patrolling camp/ Elephant Tower/Cowkies/Buildings/Water hole	16.1.4	11.4.1.1	14.00	25	4 nos. Establishing of Patrolling Camp/APC Camp @ 9lakh = 3600000 15 Chain link fencing of APC @3.585 lakh = 5377500	900000 358500	89.78	GPS: Manguraha: i) 27°16'23.75"N 84°39'41.23"E (S-70) ii) 27°18'43.51"N 84°28'01.15"E (S-39) GPS : Hamnand & Vainkinagar i) 27.44055833, 84.09250000 (N-8) ii) 27.40033333, 27.40033333 (T-34) Additional Camps are required for keeping continuous vigilance & monitoring of wildlife and forest crimes.
Strengthening	Upgradation of road network.	16.2.6	10.2.1 (a)	10.00	5	5 Strengthening of road in new forest road Ganauli Range @ Rs. 0.75 Lakhs/ Km. 5 km. * 75000 = 3.75	75000	3.75	1. Lat- 27.4640 Long- 84.0877 For effective & deep patrolling in remote areas, which is not connected. This new forest road is very much necessary to check the forest/wildlife offences in the Indo-Nepal border. Non-availability of forest road in this area is a major hindrance for proper wildlife protection. An incident of unnatural death of a tiger was recorded in this area in the past.
Anti-Poaching	Procurement field gear, night vision device, field dress, boots, binoculars	16.1.21	11.4.1	5.50	80	80 Procurement of field gears for the front line staffs. Blanket at Rs.2000/- per piece Sleeping bag/Mattress @ Rs. 2000/- per piece (Rubber mat, Rain coat, Mosquito net, water filter etc @ Rs. 2800/- per piece) Total per unit Rs. 6500/- * 80 = 632500.000	6500	5.20	During animal stray out incidents for field camping and for temporary camping for regular deep patrolling.
Strengthening	Creation of fire lines and fire breaks.	16.2.14	10.6.2	35.375	95	95 Engagement of labourers as fire watcher for 135 days during fire season to deal with such events per day at Rs.36180/- per person * 36180.0 = 3437100.0	36180	34.37	The forests of Valmiki TR are prone to forest fire. Labour force is required to check the incident of forest fire and to control it timely, to save the forests & wildlife.
Research and field equipment	Day to day monitoring of wild animals	16.7.1	9.1	27.00	100	100 Day to day monitoring of wild animals. Procurement of Camera Traps with required accessories at Rs. 22000/- per Camera trap * 22000.000 = 2200000.000	22000	22.00	For Tiger estimation/ monitoring. For better monitoring of other co-predators and wild animals.

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Staff welfare	Supply of field kit	16,16.4	11.4.1	15.0	475	548 Supply of field kit. Providing uniforms, Boots, sweaters, etc. for the frontline (casual) staffs at Rs. 4000/- per person. * 4000.000 = 1918000.000	4000	19.00	These accessories are important for safety, sustenance and effective functioning of frontline staffs out in the field. The uniforms will give a team feeling among the casual staffs. Valmiki Tiger Reserve has huge vacancy of the permanent frontline staffs.
Total Non-Recurring [Core] :								174.10	
		Non-Recurring [Buffer]							
Anti-Poaching	Establishing wireless network	16.1.7	10.2.1 (b)	19.44	56	6 Procurement of base station wireless set @ 19800/- * 19800.000 = 118800.000 15 Procurement of battery and solar plate @ 22000/- per APC * 22000.000 = 330000.000	19800	10.58	To improve the living standards and to change the electronic equipments like GPS, Mobile phones, etc the solar plates are required. These items will be provided to the under equipped APCs this year in a phased manner. To replace the out of order wireless sets which is already existing and to equip the newly procured vehicles for effective and uninterrupted communication in the remote areas of VTR.
Anti-Poaching	Establishing of Elephant Tower/Cowkies/Buidl ngs/Water hole	16.1.4	11.4.1.1	0	1	35 Procurement of walkie talkie @ 18150/- * 18150.000 = 635250.000 1 Elephant Tower for monitoring at Manguraha @9000000	18150	9.00	Monitoring of elephants from ropal to control man animal conflict. Location : Manguraha GPS: 27°15'18.34"N 84°40'17.98"E (S-71)
Strengthening	Procurement of hardware, software, manpower, training, gps, etc.	16.2.28	4.7.2	13.2	11	3 Skilled Man power for data processing at Field Director & Dy. Director offices @25000/- per person. *300000 =900000.000 8 Semi Skilled Man power for data processing at Forest Range level office @Rs. 10238/- per person per month. * 122856.000 = 982848.00	300000	18.83	The Proposed monthly remuneration includes EPF contribution as per the Government regulations. The office of the Field Director and Deputy Director is not provided with a regular permanent Computer Operator and the offices are under staffed due to severe vacancy. The Proposed monthly remuneration includes EPF contribution as per the Government regulations. The Forest Range Offices are not provided with a regular permanent staff for this purpose and this man power is very much required to handle the data of wildlife monitoring and MSTRIPES and for other regular record keeping to assist the Range Officers of Forests in their discharge of their duties

												effectively. By providing this man power the For's will have more time to spend in the field and other essential regular activities.
Strengthening	Construction of Forester's Quarters	16.2.1.3	11.4.1.1	18.00	2	1.0 New Forester quarter in Gobardhana Range @ 1700000 1.0 four room barrack for ex-army/homeguard personnel in Raghia range @ 1900000	1700000 1900000	34.00	The existing forester quarter is dilapidated and has been abandoned. Therefore, a new forester quarter is essential for safety from wild animals and anti-social elements. GPS: 27°19'35.52"N 84°18'36.01"E (Govardhana Range campus) Barrack GPS: 27°16'15.44"N 84°16'09.81"E (Raghia range campus)			
Mainstreaming wildlife concerns	Redressing man-animal conflict.	16.10.1	5.4	2.00	3	Redressing man-animal conflict. To meet the emergency situation which has become regular every year. To monitor increased frequency of elephant stray out incidents in Manguraha. Tracking stray out Rhinoceros from Chitwan National Park from Nepal. Monitoring Tigers straying out of Tiger reserve and managing crowd/local villagers.	800000	5.00	Rhinos and Elephants from Nepal: Chitwan & Parsa NP often stray in to the Indian side leading to man-elephant conflict and loss of life and property. Elephants have to be guided back into Nepal using extra man force and additional resources. The elephant stray out incidents have become regular every year and the frequency is increasing. Tiger straying out incidents have also increased in Manguraha and Govardhana.			
Eco-Development	Basic health care/ Health Camps	16.6.3	11.4.1	1.25	8	8 Basic health care/ Health Camps/ Medical Camp 8camps @ 25000/- per camp for the forest fringe villagers. * 25000.000 = 200000.000	250000	2.00	As part of the entry point activity to create goodwill and garner support of the forest fringe villagers in forest and wildlife conservation.			
Eco-Development	To carry out prophylactic immunization of cattle in and around Tiger Reserve.	4.5.1	11.8.2	1.0	6	6 To carry out prophylactic immunization of cattle in and around Tiger Reserve at 6 centres @ 20000/- per unit. * 20000.000 = 100000.000	200000	1.00	As part of the entry point activity to create goodwill of the local forest fringe villagers and to check spread of contagious diseases to the wildlife in the area.			
Strengthening	Establishing E-surveillance.	16.2.2.9	10.1	0	2	1 Tiger Cell at Field Directorate-level. Wages- G.I.S. expert @Rs. 30000/- P.M.- 3,60,000.00 M.T.S. @ Rs. 20000/ P.M. - 2,40,000.00 Technical Assistant @ Rs 15000/- P.M. - 1,80,000 Accessories, etc- 1.50 Lakh	930000	12.30	Tiger Cell will be established at Valmiki TR Field Directorate-level and will be equiped with Computer system, LCD projector, conferencing facility, etc. for better online monitoring of status, distribution of Tigers and compilation of MST/PRES data and for analysis of other data collected from the field for effective and informed decision making.			
Strengthening	Procurement of Hardware.	16.2.1.8	10.2.1	1.3	1	1 Drone for monitoring of wildlife Purchase of 7 desktops with necessary accessories at Rs. 0.42000/- each. *	300000 0.42	2.94	For downloading of data, collation, analysis and report generation of M			

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									0.42000 = 294000				Stripes, desktops are very much essential. For field level downloading of data from MSTRPES and collection of data during the Tiger monitoring exercise (Camera Trapping).
									2 Procurement of 2 Trap cages preparation at Rs. 80000 per unit to capture problematic/ strayed out wild animals. * 80000.000 = 160000.000	80000			To capture the aberrant/ problematic animals strayed away from TR area.
Addressing man animal conflict	Procurement of cages to catch problematic animals.	16.4.4	5.4	7.00	22	20 Snake catcher equipment & other required accessories at Rs. 5000/- per unit * 5000.000 = 100000.000	5000	10.60	To rescue the snakes around the Tiger Reserve area. This equipment will be evenly distributed in different parts of the Tiger Reserve.				To rescue the snakes around the Tiger Reserve area. This equipment will be evenly distributed in different parts of the Tiger Reserve.
Staff Development	Providing project allowance and special incentives.	16.8.2		1.7754	548	548 Provision for annual insurance premium for field staff. Per person Rs. 330/- * 330.000 = 180840.000	330	1.81	Under Pradhan Mantri Beema Yojana.				
Staff Development	Study tours for appraisal of good practices in other reserves.	16.8.5	11.5	2.0	60	60 Study tours for appraisal of good practices in other Tiger reserves. Per staff Rs. 10000/- * 10000.000 = 600000.000	10000	6.00	Training and learning of good wildlife management practices for front line staffs and to keep their motivation level high.				
Project Allowance	Provision of Project Allowance to staff (all categories) of Project Tiger (providing project allowance to Ministerial staff is a new component) (non recurring). Separate for all categories. See from guide lines	16.15		5.73	1	1 Provision of Project Allowance to staff (all categories) of Project Tiger. * 624400.000 = 624400.000	624400	6.24	As per NTCA norms.				As per NTCA norms.
Staff welfare	Provision for ration allowance to field staff	16.16.1	11.4	2.8996	66	29 Provision for ration allowance to field staffs viz. Forest Guards + Foresters of 29 persons at Rs. 860 PM per person. * 10320.000 = 299280.000	10320	2.99	As per NTCA norms, for providing food allowance to the frontline staffs (Forest Guards and Foresters). Ration allowance of Anti poaching camp staffs				As per NTCA norms, for providing food allowance to the frontline staffs (Forest Guards and Foresters). Ration allowance of Anti poaching camp staffs
Fostering Tourism	Activities for reducing resource dependency	16.17.1	6.4.3	0	1	1 Preparation of Eco-Tourism Regulation Manual * 100000.000 = 100000.000	100000	1.00	At present Valmiki Tiger Reserve has no Eco-Tourism Regulation Manual. The foot fall of ecotourists is increasing. This will be a guiding document for the operation and management of eco-tourism activities in Valmiki TR.				At present Valmiki Tiger Reserve has no Eco-Tourism Regulation Manual. The foot fall of ecotourists is increasing. This will be a guiding document for the operation and management of eco-tourism activities in Valmiki TR.
Fostering Tourism	Wildlife Conservation Awareness	16.17.3	6.4.5	3.50	1	1 Wildlife Conservation Awareness: (1) 25 public awareness meetings at 3000/- Rs 75000/- and Two nature camps at 10000/- Rs. 20000 (2) Signages.	595000	5.95	To inculcate and sensitize people from different walks of life on aspects of importance of wildlife/ forest conservation, especially children.				To inculcate and sensitize people from different walks of life on aspects of importance of wildlife/ forest conservation, especially children.

Total Non-Recurring [Buffer]		Recurring (Core)		Current Financial Year					
Activity	Item	Para No. CSS PT Guidelines	Para No. TOP	Amount released PFY	No. of Items (Physical Target)	Sub-Item Details	Unit Price (Rs.)	Total (Financial Target)	Justification
Anti-Poaching	Deployment of ex-army personnel and home guards.	16.1.11	10.3.1	120.00	80	80 Deployment of 80 armed/unarmed ex-army/homeguards personnel/home guards for 12 months @ Rs. 25000/- pm 80 X25000X12 months = 24000000.000	25000	240.00	Vainiki TR is facing dearth of frontline staffs (>90% vacancy) acutely and is not having Tiger Protection Force in place. The presence of armed anti-social elements is increasing in the area. Therefore deployment of armed as well as unarmed ex-services men is very essential to meet the new challenges. Proposed salary includes EPF contribution as per Government regulations. Only ex-servicemen with license weapon will be deployed on contractual basis for armed deployment. There should be an alternative for the local casual staffs with respect to checking illegal activities in the area and for collection of reliable intelligence.
Anti-Poaching	Deployment of local work force for patrolling, surveillance of water holes, manning barriers.	16.1.12	10.3.1	131.7744	76	23 (Teams) Deployment of local work force for regular patrolling, surveillance of water holes, etc: 23 patrolling teams of 5 member each @ Rs. 10238/- per person per month. * 614280.000 = 14128440.00 19 Deployment of Drivers for patrolling, at Rs. 14063/- P.M. per driver * 168756.000 = 3206364.000 34 Deployment of Naka Barrier labour for manning the barriers. at Rs. 10238/- pm per labourer * 122856.00 = 4177104.000	168756 122856	215.12	The proposed amount includes EPF contribution as per the Government regulation which is mandatory. Vainiki TR is functioning with severe vacancy of permanent frontline staffs. Proposed salary includes EPF contribution as per Government regulations. Proposed salary includes EPF contribution as per Government regulations. Mannned barriers at selected places are important to check the smuggling of forest produce and wildlife articles.
Anti-Poaching	Operation Monsoon- Ensuring special site specific protection measures during monsoon considering the terrain and accessibility of Protected Areas.	16.1.10	10.3.5	9.5	1	1 Operation Monsoon:1. Ensuring special site specific protection measures during monsoon considering the terrain and accessibility of the Protected Areas (TR). * 10000000.000 = 10000000.000	10000000	10.00	Monsoon, Durga Pooja, Holi, local temple festival and New year eve are most vulnerable occasions. Special patrolling will be organised during such special occasions to check illegal collection of forest produce and poaching of wild animals and to prevent forest fire.
Strengthening	Maintenance of	16.2.8	10.2.1	4.5	8	8 Maintenance of wireless tower station	20000	1.60	For Annual maintenance and battery
Total Non-Recurring [Buffer]								130.24	
						Pamphlets, brochures etc at Rs. 5 lakh * 595000.000 = 595000.000			

	Wireless tower.									* 20000.000 = 60000					replacement for uninterrupted communication round the clock throughout the year.
Anti-Poaching	Deployment of anti-poaching squads.	16.1.2	10.3.2	212.28	27	27 Deployment of anti-poaching squads: 5 Persons at Rs. 10238.00 per person per month, to man the APCs for 12 months. Total 27 APC (Core) *614280.000 = 16585560.000	614280	165.66	To ensure vigilance and protection for the core area. Proposed monthly remuneration includes EPF contribution as per Government regulations.						
Anti-Poaching	Maintenance of vehicles/ boats, motorbikes, mobility)	16.1.20	10.2.1 (c)	0	16	16 Maintenance of vehicles (boats, motorbikes, mobility) Maintenance of vehicle * 60000.000 = 96000	60000	9.60	To meet regular operation & Maintenance expenditure.						
Anti-Poaching	Maintenance of existing patrolling camps/chowkis	16.1.4	103	5.0	30	30 Maintenance of existing patrolling camps/chowkis. at 25000/- per chowki. *25000 = 750000	25000	7.50	Provision of solar light, drinking water facility, bedding, etc and annual upkeep & minor maintenance. Electricity is not available at all locations. Generators have to be used to recharge the batteries for round the clock wireless connectivity & for operation of Android (MSTIPES) mobile phones.						
Anti-Poaching	Maintenance of wireless network.	16.1.8	10.2.1	58.52	28	10 Providing Power Backup * 20000.00 = 200000 17 Camp: Maintenance of wireless network. Wages @ 10238 per *3 for round the clock= 368568.000 = 626556.000	200000	64.66	For round the clock wireless operation for proper communication, wireless operators are required.						
Strengthening	Maintenance of kuccha roads	16.2.3	10.2.1 (a)	6.50	165	165 Maintenance of kuccha roads: Transsect lines at Rs. 11000/- per transsectline (wages with materials)(Total 165 Transsect Lines) * 11000.000 = 1815000.000	11000	18.15	Transsect lines are necessary to facilitate movement of forest staffs to discharge their routine duty, to collect scientific data on wildlife and habitat. Many of the forest stretches are very dense and has no proper accessibility.						
Mainstreaming wildlife concerns	Monitoring of wild animals.	16.10.3	2.9.2	44.88	24	17 Monitoring of wild animals: 5 teams of Tiger Trackers of 5 member each at Rs. 10238/- per Tiger Tracker/month * 614280.000 = 10442760.000 5 Monitoring of wild animals: 5 teams of Tiger Trackers of 5 member each at 10238/- per tiger tracker/month * 614280.000 = 3071460.000 2 Engaging 2 Field Biologists, one each in each of the 2 forest divisions for wildlife and their habitat monitoring in a scientific manner, at Rs. 300000/- per man - month for 12 months * 360000.000 = 720000.000	614280 614280 360000	144.74	Proposed monthly remuneration includes EPF contribution as per Government regulations. Proposed monthly remuneration includes EPF contribution as per Government regulations. For monitoring the Prey-Predator dynamics, support the veterinarian in Scat analysis, for monitoring the Grasslands/ weed removed areas before and after the completion of work execution, monitoring the parameters of management of habitats, identifying the species distribution - spatial and temporal, devising strategy for suitable habitat intervention at right place at right time, organising wildlife census regularly, etc. in a scientific manner. Lack of						
						1 Engaging Veterinary Doctor, one each in each of the 1 forest division at Rs. 40000/- per man - month for 12 months * 480000.000 = 480000.000	480000								

Marked 21/1/2019

								scientific inputs hinder informed decision making.
Habitat Improvement	Grass land improvement, wetland improvement	16.3.4	4.2.1	31.00	250 improvement/management at Rs. 13936- per hac. (Core) * 13936,000 = 3484000	13936	34.84	(D/W-1: 200 Ha) S69(20 Ha);27°19'27.90"N 84°36'13.20"E S66(20 Ha);27°20'09.60"N 84°35'32.60"E S43(30 Ha);27°19'57.40"N 84°30'51.00"E S03(15 Ha);27°19'41.43"N 84°20'02.66"E S28(20 Ha);27°18'54.44"N 84°24'31.50"E S13(20 Ha);27°19'26.13"N 84°20'14.51"E R43(20 Ha);27°19'56.19"N 84°16'12.70"E R23(15 Ha);27°24'31.96"N 84°13'44.22"E R25(10 Ha);27°24'22.03"N 84°13'37.02"E R44(20 Ha);27°20'31.11"N 84°16'14.92"E R27(10 Ha);27°24'00.35"N 84°14'26.15"E
					250 Grass land improvement/management at Rs. 13936- per hac. (Core) * 13936,000 = 3484000			(150 hac. D/W-2) T43 (25 Ha) Lat:27.42444444 Log-83.99000000, T39 (15 Ha) Lat:27.40555556 Log-83.95583333, M20 (25) Lat:27.33227778 Log-83.88888889, M19 (25 Ha) Lat:27.30486111, Log-83.93611111, N5(15) Lat:27.43413889, Log-84.02611111, N5 (10) Lat:27.43952778 Log-84.02666667, T39(15) Lat:27.41108333 Log-83.96444444, T37T4 (30) Lat:27.42350000 Log-83.96111111

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Anti-Poaching	Deployment of anti-poaching squads.	16.1.2	10.3.2	114.24			10 Deployment of anti-poaching squads. 5 Persons in each/squad at Rs. 10238.00 per person per month, to man the AP-Cs. Total 10 AP-Cs (Buffer) * 614280.000 = 6142800.000	614280	61.43	To ensure vigilance and protection for round the year in the AP-Cs located in the buffer area. Proposed monthly remuneration includes EPF contribution as per Government regulations.
Anti-Poaching	Deployment of camp labourers for patrolling.	16.1.5	10.3.1 (e)	0	35		35 Deployment of camp labourers for patrolling. Camp Labour at monthly emolument of Rs 10238/- PM per labourer * 122856.00 = 4299960.00	122856	43.00	The camp labourers are required for maintaining different camping facilities of Vainiki TR. Proposed monthly remuneration includes EPF contribution as per Government regulations.
Anti-Poaching	Legal support for defending court cases.	16.1.18	10.4	0.75	2		2 Legal support for defending court cases. Investigation and forensic expenses * 25000.000 = 50000	25	0.50	For ensuring better conviction in wildlife cases
Anti-Poaching	Rewards to informers.	16.1.17	10.6.2 (VII) (C)	0.75	2		2 Rewards to informers. To create spy network in each of the two Forest Divisions in Vainiki TR. * 75000 = 150000	75000	1.50	To create spy network for timely detection of Wildlife & Forest Crime and for regular intelligence gathering.
Strengthening	Maintenance of fire watch tower.	16.2.9		0.70	15		15 Maintenance of fire watch tower. Rs. 10000/- per watch tower * 10000.000 = 150000.000	10000	1.50	For annual maintenance and repair.
Staff Development	Capacity building and training.	16.8.1	8.3	1.50	9		8 Capacity building and training. Rs. 25000/- per training for the frontline staffs and other stakeholders in 8 Ranges. * 50000.000 = 200000.000 + Landscape level meeting (Inter State) 25000.00	25000	4.50	Training will be imparted to field staff on various subjects e.g. (1) Patrolling, (2) Legal awareness, (3) Man-animal conflict, (4) Eco-tourism, (5) Wildlife Monitoring, etc.
Staff welfare	Maintenance of torch/batteries	16.16.6	11.04.1	1.50	200		200 Maintenance of torch batteries @ Rs. 500/- per unit * 500.000 = 100000.000	500	1.00	For staff welfare as there is no electricity at most locations
Co-occurrence agenda in buffer	Co-occurrence agenda in buffer and fringe areas (landscape approach, sect oral integration, ecologically sustainable development programed, livelihood options and eco-tourism) (new activity in case of tiger reserves where buffer has not been notified so far).	16.5	2.9.4	0	1		1 To undertake Study to record systematic information on medicinal plants & NTFPs and exploring the feasibility study for sustainable harvesting in the buffer area in Vainiki TR/study of wildlife corridor. * 500000.000 = 500000.000	500000	5.00	To explore the medicinal plant resources and other NTFPs available in Vainiki TR and to study the feasibility of its sustainable harvesting from buffer area and utilisation for livelihood improvement of the local community.
Total Recurring [Buffer]								Total	177.11	
								G. Total	1393.52	

(Rs. In Lakhs)

S. No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	304.34	182.60
2.	Recurring (50%)	1089.18	544.59
	Total	1393.52	727.19

(Rs. In Lakhs)

Cost of APO including State's share	A	1393.52
Center's share in APO	B	727.19
1 st release @ 80% of Center's share	$C=0.8*B$	581.75
Less: Unspent balance P.F.Y of	D	18.91
Adjusted 1 st release	$E=C-D$	562.84
2 nd release @ 20% of Center's share	$F=0.2*B$	145.44

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

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