

**No. 4-1(17)/2020-PT**  
Government of India  
Ministry of Environment, Forest and Climate Change  
Project Tiger Division

B-1 Wing, 7<sup>th</sup> Floor,  
Pt. Deendayal 'Antyodaya' Bhawan,  
CGO Complex, Lodhi Road,  
New Delhi-110003.  
Email: dig2-ntca@nic.in  
Tel (EPABX): 011-2436 7837-39  
Fax: 011 - 2436 7836

Dated the 15<sup>th</sup> May, 2020

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 2020-21 –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. 1366.76 Lakhs (Rupees Thirteen hundred sixty six lakhs seventy six thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 1177.76 Lakhs (Rupees Eleven hundred Seventy Seven lakhs Seventy Six 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. 560.89 lakhs (Rupees Five hundred Sixty lakhs Eighty Nine thousand only)** as the 1<sup>st</sup> installment of Central Share towards the Grants-in-aid to Government of Bihar during the current financial year 2020-21. 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 2020-21 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 DWH 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 and no duplication of work is done under any scheme.
  - (xxii) Payments are made by bank transfer and no cash payment is to be made.
  - (xxiii) Funds for POL / maintenance of vehicles would be admissible only for the vehicles purchased from CSS funds.

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- (xxiv) Compensation for loss due to wildlife is to supplement the State Government fund as per the rules of State Government.
- (xxv) Funds released under the scheme shall not be diverted for any activity other than specified herein.
- (xxvi) As the TCP of **Valmiki Tiger Reserve** has finalized, therefore funds to be spent only on approved items in TCP.
- (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 GST/TDS/Service Tax in case of contract payment and leviable goods are sent along with UC and compliance of DBT scheme has to be ensured in all payment.
- (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 of Central/State Government.
- (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 approval 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 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

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Forests of the State Government should be directed to ensure that the field works are in accordance with the Tiger Conservation Plan and the Annual Plan of Operation by the field inspections from time to time.

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

8. The expenditure incurred is adjustable to the Demand No. 25 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2020-21 :

<b>Scheme</b>	<b>Budget Head</b>	<b>Amount (Rs. in lakhs)</b>
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	448.73
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	56.08
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	56.08
<b>Total</b>		<b>560.89</b>

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 135206 dated 08.05.2020.

Yours faithfully,

  
(Surender Mehra)

**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 2020-21 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.

  
(Surender Mehra)

**Deputy Inspector General of Forests (PT)**

**VALMIKI TIGER RESERVE, BIHAR**  
**ANNUAL PLAN OF OPERATION 2020-21**

Non-Recurring (Core) [60:40]									
Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY	Units	Current Financial Year	Rate	Total (Financial Target)	Justification
Anti-Poaching	Establishing wireless network.	16.1.7	10.2.1 (b)	6.3525	20	30 Procurement of walkie talkie @ 15000/- *15000.00 =450000.00	15000	3.00	To replace the out of order wireless handsets and to provide to the newly created patrolling parties and the APC staffs, apart from the regular permanent staffs in VTR for effective and uninterrupted communication in the remote areas of VTR.
Anti-Poaching	Establishing of Patrolling camp/ Elephant Tower/ Cowkies/Buildings/Water hole	16.1.4	11.4.1.1	89.75	1	1 Establishing of Patrolling Camp/APC Camp @ 9.50 lakh	950000	9.50	One additional 1 camp is required for keeping continuous vigilances & monitoring on wildlife and forest crimes- 1 in Manguraha GPS : 27°19'13.60 " N/ 84°33'23.7"E & 1 in Chiutaha -GPS : 27°17'41.55 " N/ 84°13'44.54"E
Mainstreaming wildlife concerns	Redressing man-animal conflict.	16.10.1	5.4	5.00	1	1 Redressing man-animal conflict. L.S Rs 5.00 Lakh to meet the emergency situation which has become regular every year with increased frequency of elephant stray out incidents. And for tracking one stray out Rhinoceros from	500000	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.

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						Chitwan National Park from Nepal. * 500000.000			
Research and field equipment	Day to day monitoring of wild animals	16.7.1	9.1	22.00	50	50 Day to day monitoring of wild animals: Procurement of Camera Traps with required accessories at Rs. 20000/- per Camera trap * 20000.000 = 2000000.000	20000	10.00	For Tiger estimation/ monitoring. For better monitoring of other co-predators and wild animals.
Strengthening	Creation of fire lines and fire breaks.	16.2.14	10.6.2	34.37	95	95 Engagement of labourers as fire watcher for 135 days during fire season to deal with such events per day at Rs.38745/- per person. * 38745.000 = 3680775.000	38745	36.81	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.
Staff Development	Providing project allowance and special incentives.	16.8.2		1.81	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.

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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		6.24	1	Provision of Project Allowance to staff (all categories) of Project Tiger. * 624400.00 = 624400.00	624400	15.00	As per NTCA norms. Increase in demand is due to posting of 92 new Forest Guards.
Staff welfare	Provision for ration allowance to field staff	16.16.1	11.4	2.99	66	29 Provision for ration allowance to field staffs viz., Forest Guards + Foresters of 112 persons at Rs. 860 PM per person. * 10320.000 = 1155840.00 37 Provision for ration allowance for Antipoaching camp staffs for 37 camps of 5 person (only three months during the corona virus lock down period) at 860 p.m. *159100 = 477300.00	10320  159100	16.33	As per NTCA norms, for providing food allowance to the frontline staffs (Forest Guards and Foresters) with 92 new recruits.  Ration allowance for Anti poaching camp staffs during COVID 19 lock down period - April to June, 20
Staff welfare	Supply of field kit	16.16.4	11.4.1	19.00	548	548 Supply of field kit: Providing uniforms, Boots, stick, sweaters, etc. for the	3000	21.92	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

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						frontline (casual) staffs at Rs. 3000/- per person. * 3000.000 = 16,44,000			the casual staffs. Valmiki Tiger Reserve has huge vacancy of the permanent frontline staffs.
<b>Total - Non-Recurring (Core) [60:40]</b>				<b>187.51</b>				<b>119.37</b>	
<b>Non-Recurring (Buffer) [60:40]</b>									
Strengt hening	Procurem ent of hardware, software, manpower , training, gps, etc.	16.2.28	4.7.2	9.00	3	3 Skilled Man power for data proceesin g at Field Director & Dy, Director offices @ 25000/- per person. *300000 =900000.0 00	30000 0		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.
				9.83	8	8 Semi Skilled Man power for data proceesin g at Forest Range level office @Rs. 11000/- per person per month. * 132000.00 0 = 1056000.0 00	13200 0	19.56	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 duties effectively. By providing this man power the RoFs will have more time to spend in the filed and other essential regular activities.
Eco-Develop ment	Basic health care/ Health Camps	16.6.3	11.4.1	2.00	4	4 Basic health care/ Health Camps/ Medical Camp 8camps @ 25000/- per camp	25000	1.00	As part of the entry point activity to create goodwill and garner support of the forest fringe villagers in forest and wildlife conservation.

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						for the forest fringe villagers. * 25000.000 = 100000.000			
Eco-Development	Entry point Activities	16.6	6.3	0.00	20	Supply of 20 solar lights to EDCs @ 25000= 500000	25000	5.00	Awareness & Support
Strengthening	Data Interpretation/ monitoring of Field Director level	16.2.29	10.1	9.30	2	1 Tiger Cell at Field Directorate-level. Wages- G.I.S. expert @Rs. 30000/- P.M. - 3,60,000.00 Technical Assistant @ Rs 14000/- P.M. - 1,68,000 Accessories, etc- 1.00 Lakh	628000	6.28	Tiger Cell will be established at Valmiki TR Field Directorate-level and will be equipped with Computer system, LCD projector, conferencing facility, etc. for better online monitoring of status, distribution of Tigers and compilation of MSTRIPES data and for analysis of other data collected from the field for effective and informed decision making.
<b>Total- Non-Recurring (Buffer) [60:40]</b>				<b>30.13</b>				<b>31.84</b>	
<b>Total (Non-Recurring): Core+Buffer [60:40]</b>				<b>217.64</b>				<b>151.21</b>	
<b>DETAILS OF ITEMS OF WORK PROPOSED IN ANNUAL PLAN OF OPERATION (APO) 2020-21 UNDER THE CENTRALLY SPONSORED IN TIGER BEARING AREA (TBA) OF VTR (KAIMUR WILDLIFE SANCTUARY, BIHAR)</b>									
<p><b>Justification of the proposal:</b> The Kaimur Wildlife Sanctuary is a tiger bearing area in the state of Bihar. This 1485 sq. Km of landscape is already declared as Kaimur Wildlife Sanctuary (KWLS). This area is a prominent wildlife habitat and harbors the sizable population of tigers. The area is a suitable habitat for tigers, leopard and other carnivores and herbivores. The existence of tigers in this area is confirmed by direct sighting and indirect evidences. The area provide connectivity to the wildlife from Valmiki Tiger Reserve, Sohagi Barwa WLS, Chandra Prabha WLS. Ther area also has connectivity to the Jharkhand forest and MP forest. The protection &amp; surveillance provisions and wildlife monitoring provisions are included for this Tiger Bearing Area.</p>									
Anti-Poaching & Surveillance	Setting up of Wireless Communication Network in the PA	16.10 ©	16.3	New proposal					

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	Construction of Wireless tower Antenna e at Headquarter and Range HQs including license fee.				3	1.Division HQ (Sasaram ) and 2.Range HQs (Chenari), 3. Rohtas)	275000	8.25	Currently, there is no wireless communications network within the PA and more than 80% of the 1485 sq. km area of the Sanctuary is not having mobile coverage. Being affected by Left Wing Extremism, wireless communications is a must to exercise control over the area
	Installation of Wireless units in vehicles				13	Division HQ (Sasaram )- 7 Bhabua Division (HQ)-6	25000	3.25	
	Handheld Wireless sets for Staff				33	Division HQ (Sasaram )- 15 Bhabua Division (HQ)-18	20000	6.60	
Monitoring of Wild Animals	Purchase of Camera Trap with spare Batteries and memory card for monitoring wildlife in sensitive areas @ 22000 per unit	16.1.11	20.6		40	Division HQ (Sasaram )- 20 Bhabua Division (HQ)-20	24000	9.60	Camera traps with IR flash/Black flash are required to monitor wildlife in interior areas/ravines
<b>Total Non Recurring (Tiger Bearing Area (TBA))</b>						<b>Grand Total (TBA):-</b>		<b>27.7</b>	
<b>Total Non. Recurring (Core + Buffer + TBA)</b>						<b>Grand Total (TBA):-</b>		<b>178.91</b>	
<b>Recurring (Core) [50:50] for Valmiki Tiger Reserve</b>									
Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY	Current Financial Year				Justification
					No. of Items (Physical Target)	Sub-item Details	Unit Price (Rs.)	Total (Financial Target)	

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Anti-Poaching	Deployment of ex-army personnel and home guards.	16.1.11	10.3.1	240.00	80	80 Deployment of home guards for 12 months @ Rs. 25000/- pm per home guard 80 X 25000 X 12 months = 24000000	2000000	240.00	Valmiki 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-service 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	141.2844	76	23 Deployment of local work force for regular patrolling, surveillance of water holes, etc. 23 patrolling teams of 5 member each @ Rs. 11000/- per person per month. * 126500.000 = 1518000	1265000	228.60	The proposed amount includes EPF contribution as per the Government regulation which is mandatory. Valmiki TR is functioning with severe vacancy of permanent frontline staffs.

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						0.000			
				32.06364		19 Deployment of Drivers for patrolling, at Rs. 14000/- P.M. per driver * 266000.000 = 3192000.000	266000		Proposed salary includes EPF contribution as per Government regulations.
				41.77104		34 Deployment of Barrier labour for manning the barriers. at Rs. 11000/- pm per labourer * 374000 = 4488000.000	374000		Proposed salary includes EPF contribution as per Government regulations. Manned 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	10.00	1	1 Operation Monsoon :1. Ensuring special site specific protection measures during monsoon considering the terrain and accessibility of the Protected Areas (TR). * 800000.000 = 800000.000	800000	8.00	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 vehicles (Gypsy, Jeep, Truck, Tractor,	16.2.18	10.2.1 (C)	8.25	10	10 Maintenance of vehicles (Gypsy, Jeep, Truck,	75000	7.50	For the operation and Annual maintenance of the vehicles.

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	staff car etc.).					Tractor, staff car, etc.). at Rs0.75 lakh per vehicle *75000.00 = 750000.00			
Strengthening	Maintenance of wireless tower.	16.2.8	10.2.1	1.60	10	10 Maintenance of wireless tower station with power back up* 20000.000 = 200000.000	20000	2.00	For Annual maintenance and battery replacement for uninterrupted communication round the clock throughout the year.
Anti-Poaching	Deployment of anti-poaching squads.	16.1.2	10.3.2	227.28	37	Deployment of anti-poaching squads to man the 37 APCs: 5 Persons at each APC at Rs. 11000 per person per month, for 12 months. Total 37*5 * 11000.000*12 = 1782000.000	2035000	244.20	To ensure vigilance and protection for round the year in the APCs located in the Reserve. 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)	43.00	35	35 Deployment of camp labourers for patrolling . Camp Labour at monthly emolument of Rs.11000 /- PM per labourer * 385000 = 4620000.000	385000	46.20	The camp labourers are required for maintaining different camping facilities of Valmiki TR. Proposed monthly remuneration includes EPF contribution as per Government regulations.
Anti-Poaching	Maintenance of vehicles(boats,moto	16.1.20	10.2.1 (c)	9.60	16	16 Maintenance of vehicles	50000	8.00	To meet regular operation & Maintenance expenditure.

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	rbikes, mobility)					(boats, motorbikes, mobility) Maintenance of vehicle (9 numbers) * 50000.00 = 800000.00			
Anti-Poaching	Maintenance of existing patrolling camps/chowkis.	16.1.4	103	7.50	30	30 Maintenance of existing patrolling camps/chowkis. at 15000/- per chowki. * 15000.00 = 450000.00	15000	4.50	Provision of solar light, drinking water facility, beddings, etc and annual upkeep & minor maintenance.
Anti-Poaching	Maintenance of wireless network.	16.1.8	10.2.1	62.66	27	17 Maintenance of wireless network: Wages @ 11000 per *3 persons for round the clock= 561000.00 = 6732000.000	561000	67.32	For round the clock wireless operation for proper communication, three wireless operators have been deployed at each centre.
Strengthening	Maintenance of kuccha roads	16.2.3	10.2.1 (a)	18.15	150	150 Maintenance of kuccha roads: Transect lines at Rs. 10000/- per transectline (wages with materials) (Total 150 Transect Lines) * 10000.00 = 1500000.00	10000	15.00	Transect 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	104.4276	24	17 Monitoring of wild animals: 5 teams	935000	152.40	Proposed monthly remuneration includes EPF contribution as

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					of Tiger Trackers of 5 member each at Rs. 11000/- per Tiger Tracker/ month * 935000.00 = 1122000.000		per Government regulations.
			30.7140		5 Monitoring of wild animals. 5 teams of Tiger Trackers of 5 member each at 11000/- per tiger tracker/month * 275000.00 = 3300000.000	275000	
			7.20		2 Engaging 2 Field Data Analyst-cum-wildlife expert one each in each of the 2 forest divisions for wildlife and their habitat monitoring in a scientific manner, at Rs. 30000/- per man - month for 12 months * 360000.00 = 720000.000	60000	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 scientific inputs hinder informed decision making.

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Habitat Improvement	Grass land improvement, wetland improvement	16.3.4	4.2.1		125	125 ha Grass land improvement/ management at Rs. 10000 per hac. (Core) * 10000.00 = 1250000.00	10000	12.50	Because of high productivity the grasses become coarse and unpalatable and becomes a fire hazard. Annual management requires to restrict growth of woody species which are part of natural succession. Besides past removal of phoenix sp., Mikenia sp. & Eupatorium sp. in the previous years, additional areas are proposed to be brought under Grassland through improvement works. Prey population is poor in Valmiki TR. Compt No. R-32/R-37/R-42/ -GPS : 27°20'31.70 " N/ 84°11'56.8"E/ -GPS : 27°19'53.04 " N/ 84°16'13.38"E & S-50/S-48 GPS : 27°19'48.83" N/ 84°32'56.24"E/ GPS : 27°19'46.39 " N/ 84°32'02.60"E
Habitat Improvement	Weed Removal	16.3.4	4.2.1	34.84	100	100 ha. Uprooting of Phynix @ 10000 / ha. = 1000000.00	19400	10.00	
Total - Recurring (Core) [50:50]				1020.34				1046.22	
<b>Recurring (Buffer) [50:50]</b>									
Anti-Poaching	Buffer Area: Maintenance of elephant squads.	16.1.16		23.10	11	5 Maintenance of elephant handlers (Mahawat) 5 persons at Rs. 22000/- per person per month and Mahawat Assistant 5 persons at Rs. 16500/- per person per month. * 38500.00 = 38500 x 5 x 12= 23,10,000.00	38500	33.60	One elephant is at Madanpur range, for which this amount is required.
				10.56		5 Procurement of elephant feed and Medicines and health management expenses and other related accessories at Rs. 15000.00 PM per Elephant. * 150000.00 = 900000.00	75000		

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				0.77		3 Maintenance of Elephant shed at Rs. 50000/- per shed. * 50000.000 = 150000.00	80000		
Anti-Poaching	Legal support for defending court cases.	16.1.18	10.4	0.50	2	2 Legal support for defending court cases. Investigation and forensic expenses * 50000.000 = 100000.000	25000	0.50	For ensuring better conviction in Wildlife cases
Anti-Poaching	Rewards to informers.	16.1.17	10.6.2 (VII) (C)	1.50	2	2 Rewards to informers. To create spy network in each of the two Forest Divisions in Valmiki TR. * 50000.000 = 100000.000	50000	1.00	To create spy network for timely detection of Wildlife & Forest Crime and for regular intelligence gathering.
Staff welfare	Maintenance of torch/ batteries	16.16.6	11.04.1	1.00	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
<b>Total (Recurring Buffer): [50:50]</b>				<b>37.43</b>				<b>36.10</b>	<b>39.30</b>
<b>Total Recurring (Core+Buffer) [50:50]</b>				<b>1057.77</b>				<b>1082.32</b>	
<b>G. Total (Non-recurring + Recurring)</b>				<b>1275.41</b>				<b>1261.23</b>	

**Liabilities of 2019-20 for Valmiki Tiger Reserve, Bihar to be included in Annual Plan Of Operation for the year 2020-21.**

Recurring (50:50) (Core + Buffer)										
Sl. No. of Sanction Order	Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Approved by NTCA in 2019-20	Actual Expenditure in 2019-20	Balance	Liabilities in 2020-21		
								Sub-item Details	Unit Price (Rs.)	Total (Financial Target)
1	Anti-Poaching	Deployment of ex-army personnel and home guards.	16.1.11	10.3.1	240.000	111.942	128.058	Liabilities for homeguard for the year 19-20 Div.-1 Rs. 129314.00 Div-2 Rs. 251957.100	3812711	38.13
2	Anti-Poaching	Deployment of local work force for patrolling, surveillance	16.1.12	10.3.1	141.2844	133.654	7.6304	Liabilities for 19-20 regular patrolling & surveillance of	763000	7.63

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		ce of water holes, manning barriers.						water holes, etc. Div.-1 Rs. 563000.00 for patrolling party Div-2 Rs. 200000.00 for patrolling party		
	Anti-Poaching	34 Deployment of Naka Barrier labour for manning the barriers. at Rs. 10238/- pm per labourer * 122856.00 = 4177104.000	16.1.12	10.3.1	41.77104	38.69193	3.07911	Liabilities for Barrier labour for manning the barriers. 2019-20 Div.1 Rs. 153000.00 Div-2 Rs. 154000.00	307000	3.07
	Anti-Poaching	Deployment of Drivers for patrolling,	16.1.12	10.3.1	32.064	30.204	1.860	Liabilities of Drivers for the year 2019-20 Div-2 Rs. 140000.00	140000	1.40
5	Anti-Poaching	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) *614280.0	16.1.2	10.3.2	165.86	153.638	12.222	Liabilities for anti-poaching squads 19-20 Div.1- 614000.00 Div-2 - 608000.00	1222000	12.22

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		00 = 16585560. 000								
8	Anti-Poaching	Mainten ance of wireless network.	16.1.8	10.2.1	62.66	57.344	5.316	Liabilitie s for Wireless operator for the year 19- 20 Div.1 Rs.2460 00.00 Div-2 Rs 276000. 00	522000	5.22
	Mainstrea ming wildlife concerns	17 Monitorin g of wild animals: 5 teams of Tiger Trackers of 5 member each at Rs. 10238/- per Tiger Tracker/m onth * 614280.00 0 = 10442760. 000 (Core Zone)	16.10.3	2.9.2	104.4276	99.251	5.1766	Liabilitie s for Tiger Trekker s for the year 19- 20 Div.1 Rs. 108000. 00 Div.2 Rs. 409000. 00	517000	5.17
10	Mainstrea ming wildlife concerns	5 Monitorin g of wild animals. 5 teams of Tiger Trackers of 5 member each at 10238/- per tiger tracker/m onth * 614280.00 0 = 3071400.0 00 (Buffer Zone)	16.10.3	2.9.2	30.714	18.442	12.272	Liabilitie s for Tiger Trekker s for the year 19- 20  Div.2 Rs. 616000. 00	616000	6.16
	Mainstrea ming wildlife concerns	Monitorin g of wild animals through tiger	16.10.3	2.9.2	7.20000	6.900	0.300	Laibilitie s of Field Biologist s, for the year	30000	0.30

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		trackers (Buffer Zone)							2019-20 Div-2 Rs 30000.00		
17	Anti-Poaching	10 Deployment of anti-poaching squads. 5 Persons in each squad at Rs. 10238.00 per person per month, to man the APCs. Total 10 APCs (Buffer) * 614280.00 = 614280.000	16.1.2	10.3.2	61.43	52.7307	8.6993		Liabilities for anti-poaching squads 19-20 Div.1- 256000.00 Div-2 - 520000.00	776000	7.76
18	Anti-Poaching	Deployment of camp labourers for patrolling	16.1.5	10.3.1 (e)	43.000	40.539	2.461		Liabilities for camp labourers for the year 2019-20. Div-2 Rs. 205000.00	205000	2.05
12	Anti-Poaching	Buffer Area: Maintenance of elephant squads.	16.1.16		23.10	21.175	1.925		Liabilities of elephant handlers (Mahawat) & Mahawat Assistant for the year 2019-20 Div-2 Rs. 192500	192500	1.925
					10.56	6.160	4.400		Liabilities of elephant feed and Medicines and health management expenses. Division-	440000	4.40

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								2 Rs 4,40,000		
<b>Total Recurring (50:50)</b>									<b>95.44</b>	
<b>Non- Recurring (60:40) (Core + Buffer)</b>										
4	Strengthening	Creation of fire lines and fire breaks.	16.2.14	10.6.2	18.09	3.8570 7	14.2329 3	Laibilities of Fire watcher for the year 2019-20 Division-2 Rs 100886 1	1008861	10.09
<b>G. Total</b>									<b>105.53</b>	

### ABSTRACT

APO for specific works in 2020-21		Liability of 2019-20		Total APO for 2020-21 (With liabilities of 2019-20)	
Non-Recurring (Core) [60:40]	119.37	Total Non-Recurring (Core + Buffer)	10.09	Total Non-Recurring	189.00
Non-Recurring (Buffer) [60:40]	31.84				
Non-Recurring (TBA)	27.70				
<b>Total Non-Recurring (Core + Buffer + TBA)</b>	<b>178.91</b>	Total Recurring (Core + Buffer)	95.44	Total Recurring	1177.76
Recurring (Core) [50:50]	1046.22				
Recurring (Buffer) [50:50]	36.10				
Total Recurring (Core + Buffer)	1082.32				
<b>Total APO</b>	<b>1261.23</b>	<b>Total Liabilities</b>	<b>105.53</b>	<b>Total APO with liabilities</b>	<b>1366.76</b>

(Rs. In lakhs)

S. No.	Items	Sanction	Central Assistance
1	Non-Recurring (60%)	189.00	113.40
2	Recurring (50%)	1177.76	588.88
	<b>Total</b>	<b>1366.76</b>	<b>702.28</b>

(Rs. In lakhs)

Cost of APO including State's share	A	1366.76
Center's share in APO	B	702.28
1 <sup>st</sup> release @ 80% of Center's share	C=0.8*B	561.82
Less: Unspent balance FY 2019-20	D	0.93
Adjusted 1 <sup>st</sup> release	E=C-D	560.89
2 <sup>nd</sup> release @20% of Center's share	F=0.2*B	140.46

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