

**No. 4-1(11)/2019-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 10<sup>th</sup> 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 Tadoba-Andhari Tiger Reserve, Maharashtra 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 Tadoba-Andhari Tiger Reserve, Maharashtra at the cost of **Rs. 1953.20 Lakhs (Rupees One thousand Nine hundred Fifty Three lakhs Twenty thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 857.18 Lakhs (Rupees Eight hundred Fifty Seven 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 Maharashtra**. 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 Maharashtra.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 808.39 lakhs (Rupees Eight hundred Eight lakhs Thirty Nine thousand only)** as the 1<sup>st</sup> installment of Central Share towards the Grants-in-aid to Government of Maharashtra 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 **Tadoba-Andhari 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,

*Handwritten signature*  
10/7/19

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 Maharashtra** 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 **Tadoba-Andhari 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 Maharashtra in respect of **Tadoba-Andhari Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2020.
- (x) **Tadoba-Andhari 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 Maharashtra** 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 Maharashtra** to the **Govt. of India**.
- (xiii) Government of Maharashtra in respect of **Tadoba-Andhari 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 **Tadoba-Andhari 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 (**Tadoba-Andhari Tiger Reserve**) and **Government of Maharashtra**.
- (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 for POL / maintenance of vehicles would be admissible only for the vehicles purchased from CSS funds.**

Nishant Vas 10/2/19

- (xxiv) **Compensation for loss due to wildlife is to supplement the State Government fund as per the rules of State Government.**
- (xxv) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.
- (xxvi) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- (xxvii) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxviii) In case of employment through contract, copy of PF & ESI contributions of employees shall be obtained wherever applicable.
- (xxix) 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.
- (xxx) 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.
- (xxxi) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- (xxxii) The sanction order must mention measurable physical parameters and all measurable parameters are to be adhered to.
- (xxxiii) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxxiv) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or C&AG.
- (xxxv) All guidelines under the project is to be followed scrupulously.
- (xxxvi) 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.
- (xxxvii) 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.
- (xxxviii) All labour payments strictly by DBT.

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

*Nehar Vasa*  
10/2/19

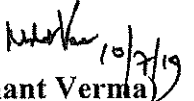
7. In accordance with the revised procedure, the Central Accounts Section, Reserve Bank of India, Nagpur, may kindly be advised to pass on credit to the books of the State Government of Maharashtra under intimation to this Department.

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)	687.13
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	60.63
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	60.63
<b>Total</b>		<b>808.39</b>

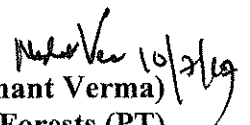
9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. M-64/AS&FA (PG) dated 05.07.2019.

Yours faithfully,

  
(Nishant Verma)  
Deputy Inspector General of Forests (PT)

Copy to:-

1. The Secretary (Forests), Govt. of Maharashtra. 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 Maharashtra.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Maharashtra.
4. The Field Director, Tadoba-Andhari Tiger Reserve, Maharashtra.
5. The Accountant General, Maharashtra.
6. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
7. AIG, NTCA Regional Office, Nagpur.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.

  
(Nishant Verma)  
Deputy Inspector General of Forests (PT)

**TADOBA-ANDHARI TIGER RESERVE, MAHARASHTRA**  
**ANNUAL PLAN OF OPERATION 2019-20**

(Rs. in lakhs)

Sr. No.	Item	Para No. CSS-PT Guidelines	Para No. TCP	Previous Year Proposal				Current Year Proposal				GPS	Justification/ Remarks		
				Location/ GPS/ Co-ordinates	Physical Target	Achievement	Financial Target up to Feb/17	Location/ GPS/ Co-ordinates	Physical Target	CSS	State			Total	
1	Non-recurring Core														
A	Raising, arming & Deploying STPF (Salary)														
1	ACF - Pay scale (15600 - 39100)	16.1.1	7.2.2.A	TATR Core	1	1	368.78	345.62	TATR Core	1	7.91	5.28	13.19		As per NTCA guidelines dated 11th Aug 2009 and Government of Maharashtra Resolution WLP.10.09/ Case No 193/F-1 dt. 12/04/2012
2	RFO - Pay scale (9300 - 34800)				3	3				3	14.74	9.82	24.56		
3	FGs - Pay scale (5200 - 20200)				81	81				81	212.20	141.47	353.67		
4	Forest watchers - pay scale (5200 - 20200)				27	27				27	63.68	42.45	106.13		
B	Anti-poaching Measures														

*Handwritten signature*  
10/2/19

1	**Establishment and maintenance of Wireless network	16.1.4	7.2.2.A	TATR Core	5 handset 13 base station 1 repeater station and maintenance	Licence Fee	2.00	0.88		5 handset 13 base station 1 repeater station and maintenance	1.80	1.20	2.00	In the core area of the Tadoba Andhari Tiger Reserve Wireless is the only means of communication. There are 13 existing base stations, 1 repeater station, 17 vehicle mounted radio sets and 62 handsets. 5 handsets are out of order in the core area and hence 5 new handsets will be purchased in this year. The existing 13 base station rd 1 repeater station will be maintained for effective functioning of the wireless network. The nature of maintenance works are replacement of faulty cables, replacement of faulty antenaas, battery maintenance and procurement of base sets, solar power units and solar chargers.
					Khatoda base st					Khatoda base st				N20°16'37.3" E79°20'16.3"
					Kolara base st					Kolara base st				N20°23'41.0" E79°21'45.6"
					Navegaon base st					Navegaon base st				N20°24'25.4" E79°17'04.7"
					Katezari base st					Katezari base st				N20°18'0.01" E79°16'18.4"
					Khutwanda base st					Khutwanda base st				E79°18'57.6" N20°16'19.1"
					Karma base st					Karma base st				E79°25'30.9"

*Handwritten signature*



	2080800/- in Class III & IV Driver & Mouth are including.													To improve the skills of the staff.
	Field Director 1@ 2000 = 24000/-, DFO 1 @ 1500 = 18000/-, Surveyor 1 @ 900 = 10800/-, Minimal Staff Class II 2 @ 1000 = 24000/-, Class III = 24000/-, Class IV = 100800/-, Class V = 9 @ 400 = 43200/-, Class IV 1 @ 400 for 10 th Month = 4000/-, Total 27 Office Staff Rs. 224800/-	2.25	0.90	1.35	27 employees	TATR Office	2.10	2.25	27 Employees	27 Employees	TATR Office	12.2	16.15	*Project allowance to staff and officers
2	**Training including study tour, field training & field visits to other tiger reserves, etc. for staff serving in TATR Core				6 training sessions	TATR Core	1.32	3.00	3 training sessions	6 training sessions	TATR Core	8.4	16.8.5	
3	**Wildlife week (Special events celebration				1 event	TATR Core	0.22	0.50	1 events	1 events	TATR Core			
D	Procurement of equipment				108 STPF Employees	TATR Core	3.00	3.00	108	108 STPF Employees	TATR Core	7.2.2.E	16.1.15	
1	Procurement of equipment for STPF staff (shoes, haver sack, fiber lathi, raincoat, etc)				3 cages (1 trap tranquilizer squeeze)	TATR Core	2.00	2.00	2 cages (1 trap tranquilizer squeeze)	3 cages (1 trap tranquilizer squeeze)	TATR Core		16.4.4	
2	Procurement of tranquilizing equipment drug, etc., to address human wild animal conflicts				3 cages (1 trap, Transportation, Squeeze)	TATR Core	0.60	1.00	0.40	1.00	Not Applicable	Not Applicable	Not Applicable	For improving efficiency of staff. It is essential to procure tranquilizing medicine, darts & practice darts and various other equipment to ensure quick rescue of problem animal and animal in danger.

new 10/2/19



E	Staff Welfare	16.16	12.2	TATR Core	220	220	22.58	18.74	TATR Core	224 Employees	10.71	7.14	17.85	As per Government of India Gazette notification dated 6.06.2014 Ration allowance is given to the 11 Forester @ 860 = 113520/-, 162 Forest Guard @ 860 = 1671840/- Total Rs. 17,85,360/-
1	*Provision of ration allowance to the field staff				Employees									
F	Strengthening of Infrastructure within TR													
1	Implement of M-Stripe (Purchase of hardware) in TATR	16.2.14	7.2.2E	TATR Core	1	1	14.17	14.17	TATR Core					
2	Purchase of equipments etc. solar home light street solar light, torch, etc for protection huts.	16.2.10	12.3	TATR Core	Solar light	Solar light	15.00	15.00	TATR Core					For maintenance of the existing camera traps
3	**Purchase of camera traps for core	16.7	9B	TATR Core	25 Camera Trap	25	5.00	5.00	TATR Core					
4	**Purchase of batteries for cameras, cell and memory cards (accessories for camera traps) @ Rs 1500 each	16.7	9B	TATR Core	Accessories for Camera trap	Accessories for Camera trap	2.00	2.00	TATR Core					
5	Deputy Director (Core) Residence	16.2.1	12.2	TATR Core	1	1	30.00	15.60						
	Total Non-recurring (Core)						497.30	448.84			332.98	221.98	553.96	
	Non-recurring Buffer													
A	Anti-poaching Measures													

*new*  
 10/7/19

1	*Establishment and maintenance of wireless network	16.2.3	4.1	TATR Buffer	9 Base station, 10 repeater station, 10 Vehicle wireless set, 98 walky talky	9 Base station, 10 repeater station, 10 Vehical wireless set, 98 walky talky Padmaapur Mohari Khadhangi Palsgaon Karwa Shoni Pangadi Nalashwar Mul Soni Kuti Bedamath Chandrapur	12.00	8.00	8.00	N-20°03'29.7" E-79°18'50.1" N-20°11'17.12" E-79°20'12.2" N-20°30'19.7" E-79°16'01.3" N-20°12'35.9" E-79°27'56.7" N-20°16'13.1" E-79°20'18.4" N-20°18'00.4" E-79°32'27.2" N-20°11'06.2" E-79°33'46.3" N-20°14'26.4" E-79°36'00.1" N-20°03'36.20" E-79°40'07.1" N-20°05'49.5" E-79°34'228.5" N-19°57'49.3" E-79°18'15.1"	To improve the communication infrastructure.				
2	Purchase of Camera Trap for Buffer	16.2.11	12	TATR Buffer	75 Camera traps + assessoris	75 Camera traps	15.00	15.00	TATR Buffer						
3	*Purchase of Batteries for Cameras @500 Rs. each	16.2.11	12	TATR Buffer	Batteries For 200 camera traps	200 Batteries For camera traps	2.00	2.00	TATR Buffer						
4	Protection of wild life by converting bare conductor lines into overhead Atrial Bunch Cable	-	16.11	TATR Buffer			0.00	0.00	TATR Buffer	31.2 Km	239.93	159.95	399.88	list attached	Protection of wild life by converting bare conductor lines into overhead Atrial Bunch Cable
B	Staff deployment & Capacity building														

*Work 10/2/19*

1	*Project allowance to staff and officers.	16.15	12.2	TATR Buffer	236 Employees	209 Employees	18.10	16.07	TATR Buffer	231 Employees	10.61	7.08	17.69	Buffer area 1 deputy Director @1500=18000/-, 2 Asst Director @1300 = 31200/-, 7 Forest Ranger @1000= 84000/-, 28 Forester @900=302400/-, 89 Forest Guard @700 = 747600, 1 Class II @1000=12000/-, 22 Class-III @700 = 144800, 81 Class-IV @400=388800/- total 231 employees Rs. 1768800/-
2	*Training including study tour, field training, etc. for staff serving in core and buffer areas	16.8.3	11.4	TATR Buffer	LS	1	0.50	0.22	TATR Buffer	4*50000=200000	1.20	0.80	0.50	For motivation and improvement of productivity of staff
3	Regional level field directors conference	16.8.3	11.4	TATR buffer	1	1.00	1.00	0.44	TATR Buffer		0.00	0.00	0.00	For motivation and improvement of productivity of staff
4	*Wildlife week Special events celebration	16.8.7	14	TATR buffer	1	1	0.50	0.22	TATR Buffer	1*50000=50000	0.30	0.20	0.50	Wildlife week Special events celebration
C	Procurement of equipment													Improvement of productivity of staff
1	Procurement of equipment to staff (shoes, haver sack, fiber lathe, raincoat, etc)	16.1.15	7.2.2.E	TATR Buffer	81 employees	81	3.00	3.00	TATR Buffer	81 employees	9.00	6.00	3.00	
2	*Procurement of tranquilizing equipment drug, etc., to address human-wild animal conflicts around core area and buffer/ corridor area	16.4.1.3	7.6.4	TATR Buffer	LS	1	2.00	2.00	TATR Buffer					
3	Procurement of trap and cages	16.4.1.3	7.6.4	TATR Buffer	LS	2	2.00	2.00	TATR Buffer					
D	Staff Welfare													

10/3/19

	16.16	15.3	TATR Buffer	173 employees	151 employees	17.85	15.57	TATR Buffer	192 Employees	7.31	4.87	12.18	As per Government of India Gazette notification dated 6.06.2014 Ration allowance is given to the 28 Forester @ 860 = 288960/-, 89 Forest Guard @ 860 = 918480/- and 1 Police Shival @ 860 = 103200/- total 192 = Rs.12,17,760/-
1	*Provision of ration allowance to the field staff.												
						66.95	58.73			280.35	186.90	441.75	
	Total Non-recurring (Buffer)					564.25	507.56			613.33	408.88	995.71	
	Total Non-recurring (Tiger Reserve)												
	Non-recurring Adjoining Area												
A	Strengthening of infrastructure												
1	Purchase of Camera Trap	16.2.28	12			0.00	0.00	FDCM	29*20000=580000	3.48	2.32	5.80	There are a total of 85-90 individual Tiger in the said area which is out side the Tiger Reserve. On an average 25-30 human death due to tiger attack are reported every year.
2	Purchase of Duracell Batteries, 8 GB memory card and steel cage (L.S.)	16.1.22	12			0.00	0.00	Bramhapuri Chandrapur division	80*20000=1600000	9.60	6.40	16.00	
						0.00	0.00		50*20000=1000000	6.00	4.00	10.00	
						0.00	0.00		100*2250=225000	1.35	0.90	2.25	
						0.00	0.00		100*2250=225000	1.35	0.90	2.25	
3	Cuddeback G Series for deployment at the site where mobile network coverage is available.	16.1.22	12			0.00	0.00	Bramhapuri	30*28000=750000	4.50	3.00	7.50	There are a total of 85-90 individual Tiger in the said area which is out side the Tiger Reserve. On an average 25-30 human death due to tiger attack are reported every year.

Number 10/7/19

4	*Training for the staff and the awareness programs for the villagers to sensitize them on man animal conflict issues.	16.8.3	11.4	FDCM	0	0	0.00	0.00	0.00	0.00	18*25000=400000	2.40	1.60	4.00	For motivation and improvement of productivity of staff Training for the staff and the awareness programs for the villagers to sensitize them on man animal conflict issues
				Bramhapuri	0	0	0.00	0.00	0.00	0.00	6 Training*20000	0.72	0.48	1.20	
				Chandrapur division	0	0	0.00	0.00	0.00	0.00	5 Training*20000	0.60	0.40	1.00	
				Central Chanda	0	0	0.00	0.00	0.00	0.00	6 Training*20000	0.72	0.48	1.20	
5	Purchase of 50 Gamhi GPS=50*8000=400000	16.2.28	12	Chandrapur division	-	-	0.00	0.00	0.00	0.00	50*8000=400000	2.40	1.60	4.00	
				FDCM	-	-	0.00	0.00	0.00	0.00	50*8000=400000	2.40	1.60	4.00	
6	Implement of M-Stripe (Purchase of hardware) in FDCM	16.2.14	7.2.2E	FDCM	-	-	0.00	0.00	0.00	0.00	1	6.55	4.36	10.91	For M-Stripes Android 1) Mobile 42*8827=370734/- 2) M-Stripes training 6*20000=120000 3) For M-Stripes Data Analyses 20 Laptop *30000=600000/-
B	Addressing Man Animal Conflict			Bramhapuri			0.00	0.00	0.00	0.00	1*200000=200000	1.20	0.80	2.00	It is essential to procure tranquilising medicine, darts, practise darts and various other equipments to ensure quick rescue of problem and animal in danger
1	1 procurement of tranquilising equipments like drugs, cylinders etc to address man animal conflicts * 200000=200000	16.4.5	7.6.4	Bramhapuri	-	-	0.00	0.00	0.00	0.00	1*200000=200000	1.20	0.80	2.00	
				Chandrapur Division	-	-	0.00	0.00	0.00	0.00	1*200000=200000	1.20	0.80	2.00	
				Central Chanda	-	-	0.00	0.00	0.00	0.00	1*200000=200000	1.20	0.80	2.00	

*K. S. V. 10/2/19*

2	Distribution of kits to each beat guard for collection of specimen from cattle kill and human kill to be sent to CCMB for DNA analysis	16.4.5	7.6.4	Bramhapuri					100*2000=2000000	1.20	0.80	2.00	The kits contain ethanol, gloves set, cotton roll, forceps etc.
				Chandrapur Division			0.00	0.00	100*2000=2000000	1.20	0.80	2.00	
				FDCM			0.00	0.00	100*2000=2000000	1.20	0.80	2.00	The DNA sampling cost of the CCMB.
				Bramhapuri			0.00	0.00	40*7000=280000	1.68	1.12	2.80	
3	Cost of analysis to CCMB sampal per year	16.4.5	7.6.4	Bramhapuri			0.00	0.00	40*7000=280000	1.68	1.12	2.80	
				Chandrapur Division			0.00	0.00	30*7000=210000	1.26	0.84	2.10	
				Central chanda			0.00	0.00	6*125000=750000	4.50	3.00	7.50	For Trapping Problem animal.
4	Procurement of trap and cages	16.4.4	7.6.4	FDCM			0.00	0.00		60.19	40.12	100.31	
	Total Non Recurring Adjoining Area						564.25	0.00		673.51	449.01	1096.02	
	Total Non Recurring (Tiger Reserve+Adjoining Area)												
II.	Recurring Core												
A	Anti-poaching measures	16.1.3	7.2.2.A	TATR Core		282	47.52	47.52	528 MM	25.88	25.88	51.76	The list of the protection huts along with their GPS location are provided in the Annexure.
1	*Patrolling camps 22 camps @ 2 labourers per camp for 12 months @ Rs.9603/- per month for 12 months.												The entire area of Core is protected through a network of 23 protection huts located at strategic positions in the Core area. At the protection huts 2 people from the local villages are employed and a forest staff is provided with them to carry out foot patrolling in the Core area. Presence of the staff and the locals in the protection huts are important deterrents for wildlife and forest crimes.

new 10/2/19

2	*Deployment of patrolling assistants to assist the local staff during patrolling. (34 beat guards, 10 foresters, 4 RFOs) - Engaging 48 local villagers @ Rs.9803/- per month for 12 months	16.1.5	4.1	TATR Core	576 MM	576 MM	51.84	51.84	TATR Core	576 MM	28.23	28.23	56.46	The forest staff carries out patrolling regularly. The presence of wildlife is very high in the core area. It is not possible for the forest staff to carry out foot patrolling individually. Hence it is essential to provide an assistant from the local community to the forest staff for carrying out foot patrolling.
3	*Deployment of 3 locals at 12 wireless base stations each @ 9803/- per month for 12 months	16.1.5	4.1	TATR Core	432 MM	432 MM	38.88	38.88	TATR Core	432 MM	21.18	21.18	42.35	There are 12 wireless base stations in the core area of the TATR. The information network over wireless is operational for 24 hours each day. 3 locals are required at each wireless station site for the operation of the wireless base stations.
4	*Deployment of 3 locals at 22 Gates and Barriers each @9803/- per month for 12 months	16.1.5	4.1	TATR Core	792	792	71.28	71.28	TATR Core	792 MM	38.82	38.82	77.64	There are 22 gates and barriers located at the strategic points in the core area. These gates and barriers are essential to ensure any unwaranted entry in the park.
5	*Deployment of 1 locals for 9 STPF vehicle each during patrolling in TATR @/10683/- per month for 12 months	16.1.5	4.1	TATR Core	108	108	10.26	10.26	TATR Core	114 MM	7.69	7.69	15.38	There are 3 STPF RFO in TATR and for patrolling 9 vehicles are provided so the 9 locals drivers are required for 9 vehicles for carrying out patrolling.

New 10/2/19

6	*Deployment of 1 locals for 3 STPF RFO for carrying out their official work (Computer Operator) @10683/- per month for 12 months	16.1.5	4.1	TATR Core	36	36	3.42	TATR Core	36 MM	1.92	1.92	3.84	There are 3 STPF RFO in TATR. While performing their duties they have to face the problems for paper/computer work related staff like their leaves, reports etc so they need the person performing computer work.
7	*Diesel / Petrol and maintenance of vehicles	16.2.18	10.3	TATR Core	30 Vehicles	30	19.23	TATR Core	26 Vehicles	13.00	13.00	20.00	For effective protection by organizing vehicular patrolling in entire routable area of the core.
8	*Diesel / Petrol and maintenance of vehicles	16.2.18	10.3	TATR	2 Vehicles	2 Vehicles	1.00	1.00	2 Vehicles	1.00	1.00	1.00	To assist the staff in monsoon patrolling.
9	**Helpers (3) for maintaining 4 elephants @ Rs 9803/- per month per person for 12 months	16.1.11	12.1	TATR Core	24 MM	24 MM	3.24	TATR Core	36 mm	1.77	1.77	3.53	
10	Purchase of food, medicines and other items for 4 elephants @ Rs. 40000 per month for 12 months	16.1.11	12.1	TATR Core	4 Elephants Diet Charge	4 Elephants Diet Charge	4.80	TATR Core	4 Elephants Diet Charge	2.40	2.40	4.80	There are 3 adult and 1 calf elephant in the core area of the TATR. The elephants are used in the regular patrolling in difficult terrain. An amount of Rs40000/- is required per month for the expenditure on food, medicine and other items.
B	Fire Protection												

work 10/7/19



1	Fire lines maintenance and deployment of 268 fire watchers for 4 month 268*4*9803/- = 10508816	16.2.15	10.3.1	TATR Core	-	1251.641 Km fire line Cutting & Payment of 268 Fire Watcher	100.00	100.00	TATR Core	268*9803/4= 10508816	52.55	52.55	105.09	Fire protection is carried out by Core in the core area of the TATR. The operations consists of the line cutting and burning of 45.550 Km fireline of 20 mts width, 250.530 km fireline of 13 mts width and 1120.370 km of fire line of 10 mts width. After this 230 fire watchers are deployed at strategic locations spread over the entire core area. The fire watchers ensure that the fires are detected and extinguished in the shortest possible time. This operation ensures proper protection of the critical tiger habitat from the fire.
2	Fire line cutting Burning 1251.64 Km 1251.641*7346.36 = 9195005								TATR Core	1251.641*7346.36 = 9195005	45.98	45.98	91.95	
C	Strengthening of Infrastructure													
1	*Maintenance of road network for patrolling within TATR core area (Metal road 45 km, murum road 100 km, earthen road 126 km total 271 km) @10000/ km	16.2.3	10.3	TATR Core	271 Km	271 KM	15.00	15.00	TATR Core	271 Km	7.50	7.50	15.00	There is good network of metal, murum and earthen roads in the core area of the TATR. These roads are critical to ensure the vehicular movement of the staff for patrolling. These roads require annual maintenance to ensure smooth vehicular patrolling operations in the core area of the tiger reserve.

10/2/19

D	Habitat Development	16.3.3	4.3	TATR Core	0.00	0.00	0.00	0.00	TATR Core	0.00	TATR Core	Forest Tanks							
1	a. Deepening of Forest Tank in Core area											Mahaigaon lake Jamani lake Lantana & Rantulas	3.00 3.00 6.25	6.00	3.00	257.15	503.80		These existing water bodies have been silted resulting in reduction of water storage. Deepening will help to store enough water to last during April-May
	b. Removal of Lantana, Rantulas and other weeds	16.3.2	4.3	TATR Core															
	Total Recurring Core																		
	Recurring Buffer																		
A	Anti-poaching measures																		
1	*Patrolling camps 35 Camps @ 3 labours per camp for 12 months @ 9803/- per month	16.1.9	7.6.1	TATR Buffer	66 X 12 months = 792 Man Months	792 Man Months	67.32	67.32	TATR Buffer	67.32	66 X 12 months = 792 Man Months	38.82	38.82	77.64	38.82	38.82		Three labour will ensure 100% presence of labours on all days in protection camp.	
2	*Patrolling assistants to accompany staff during patrolling engaging 33 local villagers on an average 12 month. @Rs. 9803/- per month	16.1.9	7.6.1	TATR Buffer	25X6 months 150 Man Months	150 Man Months	36.70	36.70	TATR Buffer	36.70	33X12 months 396 Man Months	19.41	19.41	38.82	19.41	38.82			
3	*Gates & Barrier (9 Gate & barriers) - @ 3 labours per Gates & Barrier. Engaging 27 local villagers @Rs.9803/- per month for 12 months	16.1.9	7.6.1	TATR Buffer	18X12 months 270 Man Months	216 Man Months	18.36	18.36	TATR Buffer	18.36	18X12 months 216 Man Months	10.59	10.59	21.17	10.59	21.17		The labours will ensure good and safe patrolling in the forest instead of two labours.	
4	*Diesel /petrol and maintenance for vehicles 8 vehicle @ 2.50 Lakh	16.2.8	7.6.1	TATR Buffer	8 Vehicles	8 Vehicles	8.00	8.00	TATR Buffer	8.00	8 Vehicles *2.50 lakh per vehicles	10.00	10.00	8.00	10.00	8.00		For effective protection by organizing vehicular patrolling in entire routeable area of the buffer.	

Mahaigaon 10/7/19

<b>B</b>	<b>Fire Protection</b>																			
1	Fire lines maintenance 1343.99*2310.29 = 3105027	16.2.15	10.3.1	TATR Buffer	-	0.00	0.00	0.00	0.00	0.00	TATR Buffer	1343.99*2310.29 = 3105027	15.53	15.53	31.05					Since fire line maintenance fund will not be available from other scheme hence the same is proposed in CSS. Fire protection is carried out by Buffer of the Buffer area of TATR. The operators consists of fire line cutting and burning of 329.531 Km fireline of 12 mts width, 508.683 km fireline of 06 mts width and 505.785 km of fire line of 03 mts width. After this 138 fire watchers are deployed at strategic locations spread over the entire Buffer area. The fire watchers ensure that the fires are detected and extinguished in the shortest possible time. This operation ensures proper protection of the critical tiger habitat from the fire.
2	Deployment of 138 Fire watchers for 4 month 138*4*9803 =5411256	16.2.15	10.3.1	TATR Buffer	-	0.00	0.00	0.00	0.00	0.00	TATR Buffer	138*9803*4 = 5411256	27.06	27.06	54.11					
4	Training & Awareness 4 training * 33000 per training = 132000/-	16.2.6	10.4		-	0.00	0.00	0.00	0.00	0.00	TATR Buffer	4*33000 = 132000	0.66	0.66	1.32					
<b>C</b>	<b>Habitat Management</b>																			
1	Wild animal monitoring in Buffer Area	16.4.1.4	7.6.4	TATR Buffer	-	-	2.00	2.00	2.00	2.00	TATR Buffer	LS	1.00	1.00	2.00					Mitigating of Man Animal Conflict and Creative Awareness for wildlife conservation
	<b>Total Recurring Buffer</b>						132.38	132.38	132.38	132.38			123.06	123.06	234.11					
	<b>Total Recurring Tiger Reserve</b>						498.85	498.85	498.85	498.85			380.21	380.21	737.91					

*Handwritten signature*  
10/2/19

	Recurring Adjoining Area																								
A	Anti-poaching measures																								
1	Patrolling by vehicles in Sensitive areas 6 vehicle for 6 month for 6 range @ 3333/- per vehicle	16.10.3										7	7.20	1.44					3.60	7.20	3.60			Patrolling by vehicles in Sensitive areas	
2	Patrolling assistance to accompany staff during patrolling engaging 15 local villagers @320.38 for 20days 15*20*323.54/- = 97062/-	16.1.12										60 man days	0.96	0.19						4.50	9.00	4.50			patrolling assistants to track down aberrant wild animals
3	Employment 1 local villagers per beat to be employed in 20 sensitive beat for 12 month 1*20*12=240 man days *9803/- =2352720/-	16.1.12										48 man days	19.99	4.00						11.77	23.53	11.77			In sensitive beats, employment of local villager with one beat guard whom will assists in tracking and monitoring on daily basis. Also The local villager shall help in information gathering from the local area from the local area
4	Maintenance of wireless networks 2 *75000=150000	16.1.8																							
5	Deployment of 3 local in 3 checking nakes each day for 4 month 3*3*4=36 md * 8329.88 = 2998761/-	16.1.12										7 local villagers	3.00	0.60											
C	Staff Welfare																								
1	Proruitment of 50 back pack Torch & water bottle of staff 50*5000=250000	16.16.6										50	2.50	2.50						0.00	0.00	0.00			For effective protection

Near Ven 10/7/19

2	Purchase of 50 back pack Torch & water bottle of staff 50*5000=250000	16.16.6	7.2.2.E	Chandrapur division	50	50	2.50	2.50	-	-	-	0.00	0.00	0.00	List Attached	Removal of weeds like lantern near the fringe areas in the following ranges 1. North Bramhapuri - 10 villages (Shivesgar, Murpar, Belgaoon, Chichgaon, Dorli, Tulan, Gaidongari, Navgaon, Rampuri, Waygaon) 2. South Bramhapuri- 9 villages (saigaon, pwaanpar, aksapur, wandra, kaasambi, halda, bootra, ballapur, kitadi) 3. Sindewani- 11 villages (kinli, murmadi, sardpar, indiranagar, jatapur, gadmaushi, ladbodi, mangli chak, chiki, wakai, lonewani) 4. Talochi- 5 villages (Girgaon, karhagaon, govindpur, sonoli, alevani) 5. Naghid - 4 villages (chindi maal, chindichak, kasaria, pendhr)
E	Habitat improvement	16.3.5	4.3	Bramhapuri	-	540 Mandyas	8.65	1.73	Bramhapuri	10*25*12*323.54= 970620	4.86	4.86	9.71			
1	Lantana, Weed removal of 10 villages for 25 day per village @ 323.54 per day = 10*25*39*323.54= 3154515															

M. K. K. 10/2/19

<p>Lantana, Weed removal of 34 Village 10 villager for 10 day per village @ 323.54 per day = 10*10*34*323.54= 1099730</p>	16.3.5	4.3	Chandrapur Division	-	-	0.00	0.00	Chandrapur Division	10*10*34*323.54= 1099730	5.50	5.50	11.00	List Attached	<p>Removal of weeds like lantana near the fringe area in the following ranges.</p> <ol style="list-style-type: none"> <li>1) Chandrapur - 16 Villages (Junona, Sinala, Kitadi, Masala, Babupeth, Vichoda (Sk.), Vichoda Ryt, Chhota Nagpur, Chargaon, Ambhora, Khairgaon, Padoli, Tadai, Sakharwahi, Morwa, Payli(Bhatadi)</li> <li>2) Bhadravati - 6 Villages (Kachrala, Chalbari, Chiprala, Chicholi, Tirwanja, Saori)</li> <li>3) Warora - 4 Villages (Khemjai, Mandavghorad, Kem, Lodhikheda (Sakhara))</li> <li>4) Chichpalli - 2 Villages (Asegaon, Ghibli)</li> <li>5) Saoli - 6 Villages (Meha, Geora, Barsagad, Palebarsa, Ushrala Chak, Khanabad)</li> </ol>
---	--------	-----	---------------------	---	---	------	------	---------------------	--------------------------	------	------	-------	---------------	--

*Handwritten signature*  
10/12/19

4	Increasing water availability purchase of 6 solar pump of 2 Hp * 410000 = 2460000	16.3.3	4.3	Chandrapur Division	-	-	0.00	0.00	Chandrapur Division	6*410000=2460000	12.30	12.30	24.60	1. Sirala C/No.399 N 20 00 52.33 E 079 21 10.06 2. Bhadravati C/No. 215 N 20 08 46.2 E 79 09 27.2 3. Chora C/No. 202A N 20 06 37.9 E 79 14 22.5 4. Chora C/No. 201 N 20 08 02.8 E 79 14 32.9 5. Chiplra C/No.210 N 20 5 46.25 E 79 11 29.72 6. Meha C/No. 157 N 20 13 34.30 E 79 53 38.69	6 waterholes have been identified which have scarce water availability in summer season and have enough wild animal movement.
5	Deepening of 5 Forest Nala *290000 = 1450000	16.3.3	4.3	Bramhapuri	5	4	14.50	12.35	Bramhapuri	-	0.00	0.00	0.00		
6	Deepening of 5 Forest Nala *290000 = 1450000	16.3.3	4.3	Central Charida Bramhapuri	5	4	14.50	12.35	-	-	0.00	0.00	0.00		
7	Habitat improvement works for increasing the herbivore population 88.81 mandays/hecter 32*88.81*320.38=910494	16.3.4	4.3	Bramhapuri	32	6.40	9.10	1.82	-	-	0.00	0.00	0.00		
	Total Recurring Adjoining Area						85.36	41.17			59.64	59.64	119.27		
	Total Recurring (Tiger Reserve+Adjoining Area)						584.21	540.02			439.84	439.84	857.18		
	Grand Total						1148.46	540.02			1113.35	888.85	1953.20		

*Handwritten signature/initials*

(Rs. In lakhs)

S. No.	Items	Sanction	Central Assistance
1	Non-Recurring (60%)	1096.02	657.61
2	Recurring (50%)	857.18	428.59
	<b>Total</b>	<b>1953.20</b>	<b>1086.20</b>

(Rs. In lakhs)

Cost of APO including State's share	A	1953.20
Center's share in APO	B	1086.20
1 <sup>st</sup> release @ 80% of Center's share	C=0.8*B	868.96
Less: Unspent balance FY 2017-18	D	60.57
Adjusted 1 <sup>st</sup> release	E=C-D	808.39
2 <sup>nd</sup> release @20% of Center's share	F=0.2*B	217.24

\* 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.

Marked 10/7/19