

**No. 4-1(11)/2020-PT**  
Government of India  
Ministry of Environment, Forest and Climate Change  
Project Tiger Division

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**Dated the 28<sup>th</sup> July, 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 Tadoba-Andhari Tiger Reserve, Maharashtra 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 Tadoba-Andhari Tiger Reserve, Maharashtra at the cost of **Rs. 2071.88 Lakhs (Rupees Two Thousand Seventy One lakhs Eighty Eight Thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 1185.99 Lakhs (Rupees One Thousand One hundred Eighty Five lakhs Ninety Nine 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. 301.40 lakhs (Rupees Three hundred One lakhs Forty 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 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.

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- (ii) The pattern of assistance of rules governing such grants-in-aid has 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, 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 31.3.2021.
- (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 2020-21 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.

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- (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 released under the scheme shall not be diverted for any activity 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 Centrally Sponsored Scheme of Project Tiger 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.

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(xli) All guidelines of Project Tiger Schemes are followed by concerned tiger reserve and Expenditure Evaluation Report on the expenditure incurred viz. proposed activities and result achieved may be furnished before release of 2<sup>nd</sup> installment.

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 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.

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. 25 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2020-21:

Scheme	Budget Head	Amount (Rs. in lakhs)
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	241.12
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	30.14
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31(TSP)	30.14
<b>Total</b>		<b>301.40</b>

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9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 138486/AS&FA (PG) dated 23.07.2020.

Yours faithfully,

*Nishant Verma 28/7/2020*  
(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 2020-21 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 28/7/2020*  
(Nishant Verma)  
Deputy Inspector General of Forests (PT)



TADOBA-ANDHARI TIGER RESERVE

Annual Plan of Operation for the Year 2020-21

Seeking Central Assistance Under Centrally Sponsored Scheme: Project Tiger

Sr No.	Item	Para No. CSS-PT Guidelines	Para No. TCP	Previous Year Proposal				Current Year Proposal				GPS	Justification/Remarks		
				Location/ GPS/ Coordinates	Physical		Financial Target up to Feb/17		Location / GPS / Coordinates	Financial Target					
					Target	Achievement	Target	Achievement		Target	CSS			State	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15
I	Non-recurring Core														
A	Raising, arming & Deploying STPF (Salary)														
1	ACF - (82740)	16.1.1	7.2.2.A	TATR Core	1	1	497.55	530.20	TATR Core	1	6.84	4.56	11.40	Details Attached	As per NTCA guideline s dated 11th Aug 2009 and Govern ment of Mahara shtra Resoluti on WLP10.0 9/ Case No 193/F-1 dt. 12/04/20 12
2	RFO - (213839)				3	3				3	19.05	12.70	31.75		
3	FGs - (33226076)				81	81				81	287.55	191.70	479.25		
4	Forest watchers - (911440)				27	27				27	83.97	55.98	139.95		
	<b>Total STPF (Non Recurring)</b>						<b>497.55</b>	<b>530.20</b>			<b>397.41</b>	<b>264.94</b>	<b>662.35</b>		
B	Anti-poaching Measures														
1	**Establishment and maintenance of Wireless network	16.1.4	7.2.2.A	TATR Core	5 hands et 13 base station 1 repeater station and maintenance	Licence Fee	2.00	1.60	TATR Core	5 handse t 13 base station 1 repeate r station and mainte nance	2.40	1.60	4.00		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
					Khatoda base st					Khatoda base st				N20°16'37.3"	
					Kolara base st					Kolara base st				E79°20'16.3"	
					Navegaon					Navegaon base				N20°23'41.0"	
														E79°21'45.6"	
														N20°24'25.4"	

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					base st					st				E79°17'04.7"	sets and 62 handsets.
					Katez ari base st					Katez ari base st				N20°18'0.01'	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 and 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 antennas, battery maintenance and procurement of base sets, solar power units and solar chargers
					Khut wand a base st					Khutwa nda base st				E79°16'18.4"	
					Karm a base st					Karva base st				N20°16'20.3'	
					Moha rii base st					Mohali base st				E79°18'57.6"	
					Dewa da base st					Dewad a base st				N20°16'19.1'	
					Kolsa base st					Kolsa base st				E79°25'30.9"	
					Pangdi base st					Pangdi base st				N20°11'31.2'	
					Zari base st					Zari base st				E79°20'5.8"	
					Botez ari base st					Botez ari base st				N20°08'12.8'	
					Dn. office base st					Dn. office base st				E79°22'04.8"	
					Tadoba Repeater st					Tadoba Repeater st				N20°09'46.3'	
														E79°29'49.5"	
														N20°10'59.5'	
														E79°33'27.6"	
														N20°06'04.5'	
														E79°30'54.1"	
														N20°11'16.8'	
														E79°26'28.5"	
														N19°58'28.898"	
														E79°19'07.942	
														N20°19'54.399"	
														E79°17'50.025	
2	Wireless network Royalty and License Fee	16.14	7.2.2.A	TATR Core	LS	Licence Fee	6.00	4.80	TATR Core	Royalty & Lice. Fee	3.60	2.40	6.00		Wireless network Royalty and License Fee for core area.
	<b>Total Anti-poaching</b>						<b>8.00</b>	<b>6.40</b>			<b>6.00</b>	<b>4.00</b>	<b>10.00</b>		

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	Measures														
C	Staff deployment & Capacity building														
1	*Project allowance to staff and officers	16.15	12.2	TATR Core	261 Employees	257 Employees	20.81	16.65	TATR Core	267 Employees	12.49	8.32	20.81		As per the para no 4.15 of revised guidelines for the ongoing centrally sponsored scheme of project tiger dated Feb 2008, revised by letter no 15-3/2010 NTCA dt. 27/10/2010.
	*Project allowance to staff and officers	16.15	12.2	TATR Office	27 Employees	27 Employees	2.25	1.76	TATR Office	27 employees	1.36	0.90	2.26		
2	**Training including study tour, field training & field visits to other tiger reserves, etc, for staff serving in TATR Core	16.85	8.4	TATR Core	6 training sessions	3 training sessions	3.00	2.40	TATR Core	6 training sessions	1.80	1.20	3.00	Not Applicable	To improve the skills of the staff.
3	**Wildlife week /Special events celebration			TATR Core	1 events	1 events	0.50	0.40	TATR Core	1 event	0.30	0.20	0.50	Not Applicable	To generate awareness amongst the locals regarding wildlife conservation
	<b>Total Staff deployment &amp; Capacity building</b>						<b>26.56</b>	<b>21.21</b>			<b>15.94</b>	<b>10.63</b>	<b>26.57</b>		
D	Procurement of equipment														
1	Procurement of equipment for STPF staff (shoes, haver sack, fiber lathi, raincoat, etc)	16.15	7.2.2.E	TATR Core	108 STPF Employees	108	3.00	2.40	TATR Core	108 STPF Employees	1.80	1.20	3.00	Not Applicable	For improving efficiency of staff.
2	Procurement of tranquilizing equipment drug, etc., to address human wild animal conflicts	16.44		TATR Core	3 cages (1 trap tranquilizer squeeze)	2 cages (1 trap tranquilizer squeeze)	1.00	0.80	TATR Core	3 cages(1 trap, Transportation, Squeeze)	0.60	0.40	1.00	Not Applicable	It is essential to procure tranquilizing medicine, darts & practice darts and various other

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															equipment to ensure quick rescue of problem animal and animal in danger.
	<b>Total Procurement of equipment</b>						4.00	3.20			2.40	1.60	4.00		
<b>E</b>	<b>Staff Welfare</b>														
1	*Provision of ration allowance to the field staff.	16.16	12.2	TATR Core	220 Employees	220	17.85	14.28	TATR Core	230 Employees	13.20	8.80	22.00		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/- 40 Vanmajo or @ 860 = 412800/- Total Rs. 2198160/-
	<b>Total Staff Welfare</b>						17.85	14.28			13.20	8.80	22.00		
<b>F</b>	<b>Strengthening of infrastructure within TR</b>														
1	Implement of M-Stripe (Purchase of hardware) in TATR	16.214	7.2.2.E	TATR Core	--	--	0.00	0.00	TATR Core	M-Stripe	2.40	1.60	4.00		Camera traps are required in the core and buffer for phase IV monitoring & management of man animal conflict. As per the protocol of phase IV monitoring one pair of camera traps are

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to be set up in 2km<sup>2</sup> grid. There are 4 census blocks in Tadoba Andhari Tiger Reserve. Each block requires 300 camera traps for census. Presently 250 camera traps are available in the core and buffer division of TATR. In order to carry out census in atleast 2 blocks simultaneously atleast 600 camera traps are required. Hence a demand of 50 camera traps is made by the buffer division and 100 camera traps by the core division. The balance requirement of camera traps will be met through funds from other State Government Schemes.

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2	Purchase of equipments etc. solar home light street solar light, torch, etc for protection huts.	16.2 .10	12.3	TATR Core	--	--	0.00	0.00	TATR Core	Solar light	2.40	1.60	4.00		For maintenance of the existing camera traps
	Strengthening of infrastructure within TR						0.00	0.00			4.80	3.20	8.00		
	Total Non-recurring (Core)						553.96	575.29			439.75	293.17	732.92		
	Non-recurring Buffer														
A	Anti-poaching Measures														
1	*Establishment and maintenance of wireless network	16.2 .3	4.1	TATR Buffer	9 Base station, 1 repeater station, 10 Vehical wirless set, 98 walky talky	9 Base station	8.00	6.13	TATR Buffer	9 Base station, 1 repeater station, 10 Vehical wirless set, 98 walky talky Padmaapur Moharli Khadsangi Palasgaon Karwa Shioni Pangadi Naleshwar Mul Soni Kuti Bedamath Chandrapur	3.00	2.00	5.00	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"	To improve the communication infrastructure.

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														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"
2	Purchase of Camera Trap for Buffer	16.2 .11	12	TATR Buffer	75 Camera traps + assess oris	75 Camera traps	0.00	0.00	TATR Buffer	50.00	15.00	10.00	25.00	
	<b>Total Anti-poaching Measures</b>						<b>8.00</b>	<b>6.13</b>			<b>18.00</b>	<b>12.00</b>	<b>30.00</b>	
B	<b>Staff deployment &amp; Capacity building</b>													
1	*Project allowance to staff and officers.	16.1 5	12.2	TATR Buffer	231 Employees	231 Employees	17.69	15.02	TATR Buffer	220 Employees	10.38	6.92	17.30	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 = 184800, 81 Class-IV @400=388800/- total 231 employe es Rs.

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2	*Training including study tour, field training, etc, for staff serving in core and buffer areas	16.83	11.4	TATR Buffer	LS	1	0.50	0.00	TATR Buffer	LS	1.20	0.80	2.00		For motivation and improvement of productivity of staff
3	*Wildlife week Special events celebration	16.87	14	TATR buffer	1	1	0.50	0.00	TATR Buffer	LS	2.40	1.60	4.00		
<b>Total Staff deployment &amp; Capacity building</b>							<b>18.69</b>	<b>15.02</b>			<b>13.98</b>	<b>9.32</b>	<b>23.30</b>		
<b>C</b>	<b>Procurement of equipment</b>														
1	Procurement of equipment to staff (shoes, haver sack, fiber lathe, raincoat, etc)	16.115	7.2.2.E	TATR Buffer	81 employees	81 employees	3.00	2.36	TATR Buffer	81 employees	3.00	2.00	5.00		Improvement of productivity of staff
2	*Procurement of tranquilizing equipment drug, etc., to address human-wild animal conflicts around core area and buffer/corridor area	16.413	7.6.4	TATR Buffer	LS	1	0.00	0.00	TATR Buffer	LS	3.00	2.00	5.00		For effective protection and Mitigation of Human-Wildlife conflict.
3	Procurement of trap and cages	16.413	7.6.4	TATR Buffer	LS	2	0.00	0.00	TATR Buffer	LS	0.00	0.00	0.00		
<b>Total Procurement of equipment (Non Recurring)</b>							<b>3.00</b>	<b>2.36</b>			<b>6.00</b>	<b>4.00</b>	<b>10.00</b>		
<b>D</b>	<b>Staff Welfare</b>														
1	*Provision of ration allowance to the field staff.	16.16	15.3	TATR Buffer	192 employees	192 employees	12.18	9.69	TATR Buffer	178 Employees	11.15	7.43	18.58		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/-, 74 Vanmajo or @ 860

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														= 763680/- and 1 Police Shipai @ 860 = 10320/- total 192 Rs. 1981440/-
Total Staff Welfare							12.18	9.69			11.15	7.43	18.58	
Total Non-recurring (Buffer)							41.87	33.19			49.13	32.75	81.88	
Total Non-recurring (Tiger Reserve)							595.83	608.49			488.88	325.92	814.80	
Non-recurring Adjoining Area														
A Strengthening of infrastructure														
1	Purchase of Camera Trap	16.211	12	FDCM	29 camera trap	29 camera trap	5.80	2.64	FDCM	29*21000	3.65	2.44	6.09	
				Bramhapuri	80 Camera Trap	80 Camera Trap	16.00	5.05	Bramhapuri	50*21000	6.30	4.20	10.50	
				Gadchiroli	0.00	0.00	0.00	0.00	Gadchiroli	50*21000	6.30	4.20	10.50	
2	Purchase of Duracell Batteries, 8 GB memory card nad steel cage ( LS.)	16.21	12	FDCM	Batteries 100 for camera trap	32 batteries	2.25	0.72	FDCM	60*1000=600000	0.36	0.24	0.60	
				Gadchiroli	Batteries	33 batteries	2.25	0.72	FDCM	60*1000=600001	0.36	0.24	0.60	
				Bramhapuri	16 Nos.	16 Nos.	2.25	0.65	Bramhapuri	100*3500=350000	2.10	1.40	3.50	
3	Cuddeback G Series for deployment at the site where mobile network coverage is available	16.311	12	FDCM	30 Nos.	14 Nos.	7.50	1.20	FDCM	15*3000=450000	2.88	1.92	4.80	
				Central chanda	Batteries 100 for camera trap	100 batteries	4.00	0.72	Central Chanda	14*3000=420000	2.52	1.68	4.20	
				Bramhapuri	6 training sessions	6 training sessions	1.20	0.29	Bramhapuri	6 Training*20000	0.72	0.48	1.20	
				Chandrapur division	5 training session	1 training session	1.00	0.16	Chandrapur Division	5 Training*20000	0.60	0.40	1.00	
				Central chanda	1 training session	1 training session	1.20	0.20	Central Chanda	6 Training*20000	0.72	0.48	1.20	
5	Purchase of 50 Gamin GPS=50*8000=40000	16.228	12	Chandrapur division	50 Nos.	12 Nos.	4.00	0.68	Chandrapur	50*8000=400000	2.40	1.60	4.00	

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Protection of wild life.

0														
FDCM 50 Nos. 10 Nos. 4.00 0.68 FDC M 20*2000=40000 2.40 1.60 4.00														
6	Implement of M-Stripe (Purchase of Laptop/Computer) in FDCM	16.2.14	7.2.2.E	FDCM	1	1	10.91	8.73	FDC M	10	2.40	1.60	4.00	For M-Stripes Android 1) Mobile 42*10000=1420000/- 2) M-Stripes trening 6*20000=120000 3) For M-Stripes Data Analyses 24 Laptop *30000=720000/-
<b>Strengthening</b>							<b>62.36</b>	<b>22.44</b>			<b>33.71</b>	<b>22.48</b>	<b>56.19</b>	
<b>B Addressing Man Animal Conflict</b>														
1	1 procurement of tranquillising equipments like drugs, cylinders etc to address man animal conflicts * 200000= 200000	16.4.5	7.6.4	Bramhapuri	1.00	1.00	2.00	0.77	Bramhapuri	1*20000=200000'	1.20	0.80	2.00	It is essential to procure tranquillising medicine, darts, practise darts and various other equipments to ensure quick rescue of problem and animal in danger
				Chandrapur Division	1	1	2.00	0.77	Chandrapur Division	1*20000=200000'	0.00	0.00	0.00	
				Central chanda	1	1	2.00	0.77	Central Chanda	1*20000=200000'	0.00	0.00	0.00	
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	1.00	1.00	2.00	0.77	Bramhapuri	100*200=200000'	1.20	0.80	2.00	The kits contain ethanol, gloves set, cotton roll, forceps etc.
				Chandrapur Division	1	1	2.00	0.77	Chandrapur Division	100*200=200000'	1.20	0.80	2.00	
				FDCM	-	-	2.00	0.77	FDC M	130*100=130000'	0.78	0.52	1.30	
3	Cost of analysis to CCMB sampal per year	16.4.5	7.6.4	Bramhapuri	40.00	15.00	2.80	0.46	Bramhapuri	40*7000=280000'	1.68	1.12	2.80	The DNA sampling cost of the CCMB.
				Chandrapur Division	40	3	2.80	0.46	Chandrapur Division	60*7000=420000'	1.68	1.12	2.80	

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				Central chanda	30	10	2.10	0.34	Central Chanda	LS	1.20	0.80	2.00		
4	Procurement of trap and cages	16.44	7.6.4	FDCM	6	6	7.50	1.20	FDCM	10*150000=1500000	0.00	0.00	0.00		For Trapping Problem animal.
	Adressing Man Animal Conflict						27.20	7.08			8.94	5.96	14.90		
	Total Non Recurring Adjoining Area						89.56	29.51			42.65	28.44	71.09		
	Total Non Recurring (Tiger Reserve+Adjoining Area)						685.39	638.00			531.53	354.36	885.89		
II.	Recurring Core														
A	Anti-poaching measures														
1	*Patrolling camps 23 camps @ 3 labourers per camp for 12 months @ Rs.10000/- per month for 12 months.	16.13	7.2.2.A	TATR Core	282	282	51.76	0.00	TATR Core	528 MM	27.00	27.00	54.00		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 deterrent

North 20/7

																			s for wildlife and forest crimes.
2	*Deployment of patrolling assistants to assist the local staff during patrolling. (34 beat guards, 10 foresters, 4 RFOs) - Engaging 48 local villagers @ Rs.10000/- per month for 12 months	16.15	4.1	TATR Core	576 MM	576 MM	56.46	45.17	TATR Core	576 MM	43.00	43.00	86.00						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 @10000/- per month for 12 months	16.15	4.1	TATR Core	432 MM	432 MM	42.35	29.86	TATR Core	432 MM	27.50	27.50	55.00						There are 12 wireless base stations in the core area of the TATR. The information network over wireless

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																		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 23 Gates and Barriers each @10000/- per month for 12 months	16.15	4.1	TATR Core	792	792	77.64	0.00	TATR Core	792 MM	47.00	47.00	94.00	The list of the Gate & Barrier along with their GPS location are provided in the Annexure.	There are 22 gates and barriers located at the strategic points in the core area. These gates and barriers are essential to ensure any unwarranted entry in the park.			
5	*Deployment of 1 locals for 9 STPF vehicle each during patrolling in TATR @10000/- per month for 12 months	16.15	4.1	TATR Core	108	108	15.38	0.00	TATR Core	114 MM	15.00	15.00	30.00	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.				
6	*Deployment of 1 locals for 3 STPF RFO for carrying out their official work (1 Computer Operator, 1 safai kamgar) @10000/- per month for 12 months	16.15	4.1	TATR Core	36	36	3.84	0.00	TATR Core	36 MM	3.00	3.00	6.00	There are 3 STPF RFO in TATR. While performing their duties they have to				

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															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	20.00	4.60	TATR Core	30 Vehicles	12.50	12.50	25.00		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 Office	2 Vehicles	2 Vehicles	1.00	1.00	TATR Office	2 Vehicles	1.00	1.00	2.00		
9	**Helpers (3) for maintaining 4 elephants @ Rs 9000/- per month per person for 12 months	16.1 .11	12.1	TATR Core	24 MM	24 MM	3.53	0.00	TATR Core	24 mm	3.50	3.50	7.00		To assist the staff in monsoon patrolling
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	3.84	TATR Core	4 Elephants Diet Charge	2.90	2.90	5.80		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,

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														medicine and other items.
	<b>Total Anti Poaching Measures</b>						<b>276.76</b>	<b>84.47</b>			<b>182.40</b>	<b>182.40</b>	<b>364.80</b>	
<b>B</b>	<b>Fire Protection</b>													
1	Fire lines maintenance and deployment of fire watchers	16.2 .15	10.3.f	TATR Core	-	1251.6 41 Km fire line Cutting & Payme nt of 268 Fire Wathe r	105.09	23.08	TAT R Core		42.50	42.50	85.00	Fire protection is carried out by Core in the core area of the TATR. The operations consists of fire 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.

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																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	16.215	10.31	TATR Core	1251.641 Km fire line Cutting & Payment of 268 Fire Watcher	1251.641 Km fire line Cutting & Payment of 268 Fire Watcher	91.95	34.80	TATR Core		42.50	42.50	85.00			
	Fire Protection						197.04	57.88			85.00	85.00	170.00			
C	Strengthening of infrastructure															
1	*Maintenance of road network for patrolling within TATR core area (Metal road 45 km, murrum road 100 km, earthen road 126 km total 271 km) @10000/ km	16.23	10.3	TATR Core	271 Km	271 KM	15.00	12.00	TATR Core	271 Km	13.00	13.00	26.00			There is good network of metal, murrum 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

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																tiger reserve.
	Total strengthening of infrastructure						15.00	12.00			13.00	13.00	26.00			
D	Habitat Development															
1	a. Deepening of Forest Tank in Core area	16.33	4.3	TATR Core	1.00	0.00	6.00	0.00	TATR Core	Forest Tanks Mahalgan lake Jamani lake	3.00	3.00	6.00	(N20'09'49.8 E79'22'25.1 N20'20'30.2 E79'20'12.2	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	16.32	4.3	TATR Core			9.00	0.00	TATR Core	Lantana & Rantulas	2.50	2.50	5.00			
	Total Habitat Development						15.00	0.00			5.50	5.50	11.00			
	Total Recuring Core						503.80	154.35			285.90	285.90	571.80			
	Deputy Director (Buffer)															
A	Anti-poaching measures															
1	*Patrolling camps 36 Camps @ 3 labours per camp for 12 months @10742/- per month	16.19	7.6.1	TATR Buffer	66 X 12 mont hs = 792 Man Months	792 Man Months	77.64	77.64	TATR Buffer	108 X12 months = 1296 Man Months	69.61	69.61	139.22	The list of the protection huts along with their GPS location are provided in the Annexure.	For effective protection	
2	*Patrolling assistants to accompany staff during patrolling engaging 61 local villagers on an average 12 month. @Rs. 413/- per day	16.19	7.6.1	TATR Buffer	25X6 mont hs 150 Man Months	150 Man Months	38.82	38.82	TATR Buffer	19032 man days 413/- per day	39.30	39.30	78.60		For effective Protection.	

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	(41 Beats & 20 Rounds)														
3	*Gates & Barrier ( 11 Gate & barriers) - @ 3 labours per Gates & Barrier. Engaging 33 local villagers @Rs.10742/- per month for 12 months	16.19	7.6.1	TATR Buffer	18X12 months 216 Man Months	18X12 months 216 Man Months	21.17	21.17	TATR Buffer	33X12 months 396 Man Months	21.29	21.29	42.58	The list of the Gate & Barrier along with their GPS location are provided in the Annexure.	For effective protection & to prevent illegal entry of vehicles in PA
4	*Diesel /petrol and maintenance for vehicles 17 vehicle @ 2.30 Lakh	16.28	7.6.1	TATR Buffer	8 Vehicles	8 Vehicles	8.00	7.28	TATR Buffer	17 Vehicles *2.00 Lakh per vehicles	17.00	17.00	34.00		For effective protection by organizing vehicular patrolling in entire routable area of the buffer.
5	Daily wages labour for recording & monitoring of 20 Base station - Wireless Network 60 labours (11 base station x 3 labour/day) for 12 months @10742/- Per months						0.00	0.00	TATR Buffer	60 X 12 months = 720 Man month	38.67	38.67	77.34		For effective Protection.
	<b>Total Anti Poaching Measures</b>					<b>0.00</b>	<b>145.63</b>	<b>144.91</b>			<b>185.87</b>	<b>185.87</b>	<b>371.74</b>		
<b>B</b>	<b>Fire Protection</b>														
1	Fire lines maintenance	16.215	10.3.f	TATR Buffer	1343.99 km	1343.99 km	31.05	25.15	TATR Buffer	2942.388 km fire line	35.00	35.00	70.00		Fire protection is carried out by Buffer of the Buffer area of TATR. The operations consists of fire line cutting and burning of 329.531 Km
2	Deployment of Fire watchers	16.215	10.3.f	TATR Buffer	-	0.00	54.11	54.11	TATR Buffer	231 labour for 4 months	49.62	49.62	99.24		
3	Purchase of First Aid Box & Other Items	16.26	10.4	TATR Buffer	-	0.00	0.00	0.00	TATR Buffer	LS	1.00	1.00	2.00		
4	Training & Awareness	16.26	10.4	TATR Buffer	4 training	4 training	1.32	0.00	TATR Buffer	LS	0.66	0.66	1.32		

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														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 126 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.
	Fire Protection					0.00	86.48	79.26			86.28	86.28	172.56	
C	Habitat Management													
1	Wild animal monitoring in Buffer Area	16.4 1.4	7.64	TATR Buffer	LS	LS	2.00	2.00	TATR Buffer	LS	2.00	2.00	4.00	Mitigation of Man Animal Conflict and Chrvative Awareness for wildlife conservation
	Habitat Management						2.00	2.00			2.00	2.00	4.00	
	Total Recuring Buffer						234.11	226.17			274.15	274.15	548.30	

total 28/2

Total Recurring Tiger Reserve							737.91	380.52			560.05	560.05	1120.10	
A	Anti-poaching measures													
1	Petroling by vehicles in Sensitive areas 6 vehicle for 6 month for 5 ranges @5500/- per vehicle	16.10.3	-	Bramhapuri	36 vehicle	36	7.20	2.60	Bramhapuri	6*6*5*5500=990000	5.00	5.00	10.00	Petroling by vehicles in Sensitive areas
				Chandrapur division	-	-	9.00	3.24	Chandrapur division	6*6*4*5500=792000	4.00	4.00	8.00	
2	Petroling assistance to accompany staff during petroling engaging 15 local villagers @376.00 for 20 days 15*20*376.00 = 112800/-	16.1.12	7.6.1	Bramhapuri	300 man days	300 man days	0.97	0.00	Bramhapuri	15*30*323.54=145593	0.73	0.73	1.46	Patrolling assistants to track down aberrant wild animals
				FDCM	-	-	2.26	0.00	FDCM		0.00	0.00	0.00	
				Chandrapur division	300 man days	300 man days	0.97	0.19	Chandrapur division	15*20*376.00=112800	0.57	0.57	1.13	
3	Employment 1 local villagers per beat to be employed in 20 sensitive beat for 12 month @376.00=20*12*376.00*26=2131000	16.1.12	7.6.1	Bramhapuri	240 man days	240 man days	23.53	0.00	Bramhapuri	14*14*12*376=884000/-	4.50	4.50	9.00	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
				Chandrapur division	-	-	23.53	4.71	Chandrapur division	13*13*12*376.00=763000/-	4.00	4.00	8.00	
4	Maintanance of wireless networks 2 *75000=150000	16.1.8	7.2.2. A	Bramhapuri	2 wireless	2 wireless	1.50	0.00	Bramhapuri	1*30000=300000	1.50	1.50	3.00	To improve the communication infrastructure.
	Anti-poaching measures						68.96	10.74			20.30	20.30	40.59	
B	Strengthening													
1	*Diesel / Petrol and maintenance of vehicles	16.2.18	10.3	Bramhapuri	9	9	0.00	0.00	Bramhapuri	10*5000=50000	2.25	2.25	4.50	diesel and petrol and maintenance of
				Chandrapur division	-	-	0.00	0.00	Chandrapur	9*55000=50000	2.25	2.25	4.50	

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									division						vehicles. For effective protection by organised vehicular patrolling in entire area.
	Strengthening						0.00	0.00			4.50	4.50	9.00		
C	Staff Welfare														
1	Prccrutment of 50 back pack Torch & water bottle of staff 50*5000=250000	16.16.6	7.2.2.E	FDCM	50	50	0.00	0.00	FDCM	-	0.00	0.00	0.00		
				Bramhapuri	-	-	5.00	3.71	Bramhapuri	100*5000=500000	1.00	1.00	2.00		For effective protection
2	Prccrutment of 50 back pack Torch & water bottle of staff 50*5000=250000	16.16.6	7.2.2.E	Chandrapur division	50	50	0.00	0.00	Chandrapur division	-	0.00	0.00	0.00		
	Total Staff Welfare						5.00	3.71			1.00	1.00	2.00		
E	Habitat Improvement														
1	Lantena, Weed removal of 10 villager for 25 day per village @ 323.54 per day = 10*25*39*323.54= 3154515	16.35	4.3	Bramhapuri	-	-	9.71	0.00	Bramhapuri	7*7*22*376= 405000/-	1.50	1.50	3.00	List Attached	Removal of weeds like lantana near the fringe areas in the following ranges 1. North Bramhapuri - 10 villages (Shivsagar, Murpar, Belgaon, Chichgaon, Dorli, Tulan, Gaidongari, Navegaon, Rampuri, Waygaon) 2. South Bramhapuri- 9 villages (saigaon, pwaanpar, aksapur, wandra, kaosambi, halda, bodra, ballarpur, kitadi)

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															3. Sindewahi- 11 villages (Kinhi, murmadi, sardpar, indiranagar, jatlapur, gadmausahi, ladbodi, mangli chak, chitki, wakal, lonewahi)
															4. Talodhi- 5 villages (Girgaon, kankhalgaon, govindpur, sonoli, alewahi)
															5. Nagbhid - 4 villages (chindi maal, chindichak, kasarla, pendhri)
Increasing water availability purchase of 1 solar pump of 1 Hp * 130000 = 130000	16.33	4.3	Central Chanda	0	0	0.00	0.00	Central Chanda	1*13000=130000	0.65	0.65	1.30	N1944.043E7936.057	Increasing water availability 1 Hp 1 Solar pump at well.	
Increasing water availability purchase of 6 solar pump of 2 Hp * 450000 = 2700000	16.33	4.3	Chandrapur Division			24.60	6.32	Chandrapur Division	6*66667=400000	1.75	1.75	3.50	1. Sinala C/No.399 N 200052.33 E 0792110.06 2. Bhadr awati C/No. 215 N 200846.2 E 790927.2 3. Chora C/No. 202A N 200637.9 E	6 waterholes have been identified which have scarce water availability in summer season and have enough wild animal movement.	

next 29/7

															79 14 22.5 4. Chora C/No. 201 N 20 08 02.8 E 79 14 32.9 5. Chipral a C/No.2 10 N 20 5 46.25 E 79 11 29.72 6. Maha C/No. 157 N 20 13 34.30 E 79 53 38.69
3	Deepening of 5 Forest Nala *290000 = 1450000	16.3 .3	4.3	Bramh apuri	5	5	0.00	0.00	Bra mha puri	-	0.00	0.00	0.00		
4	Deepening of 5 Forest Nala *290000 = 1450000	16.3 .3	4.3	Central Chanda	5	5	0.00	0.00	Cent ral Cha nda	-	0.00	0.00	0.00		
5	Water Tank	16.3 .3	4.3	Central chanda					Cent ral Cha nda	1 * 350000 -350000	1.75	1.75	3.50	N19 47.57 7 E079 23.68 8 N19 31.45 8 E079 28.42 5	To increase the water availability to create 2 water tank
6	Source Tank	16.3 .3	4.3	Central chanda					Cent ral Cha nda	8* 375000 -300000	1.50	1.50	3.00	List Attach ed	To increase the water availability
6	Habitat Improvement works for increasing the herbivore population 88.81 mandays/Hecter 32*88.81*320.38=910494	16.3 .4	4.3	Bramh apuri	32	32	0.00	0.00	Bra mha puri	-	0.00	0.00	0.00		
	Habitat Improvement						34.31	6.32				7.15	7.15	14.30	
	Recurring Adjoining Area						108.27	20.77				32.95	32.95	65.89	
	Total Recurring (Tiger Reserve+Adjoining Area)						846.18	401.29				593.00	593.00	1185.99	
	Total Recurring + Non- Recurring TATR						1531.57	1039.28				1124.53	947.35	2071.88	#REF!

work 23/7

(Rs. In Lakhs)

No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	885.89	531.53
2.	Recurring (50%)	1185.99	592.99
	<b>Total</b>	<b>2071.88</b>	<b>1124.52</b>

(Rs. In Lakhs)

Cost of APO including State's share	A	2071.88
Center's share in APO	B	1124.52
1 <sup>st</sup> release @ 50% of Center's share	$C=0.5*B$	562.26
Less: Unspent balance FY 19-20	D	260.86
Adjusted 1 <sup>st</sup> release	$E=C-D$	301.40
2 <sup>nd</sup> release @ 50% of Center's share	$F=0.5*B$	562.26

Net/ 28/7/2020