

No. 4-1(10)/2019-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 10th 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 Melghat 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 Melghat Tiger Reserve, Maharashtra at the cost of **Rs. 1828.10 Lakhs (Rupees One thousand Eight hundred Twenty Eight lakhs Ten thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 1015.43 Lakhs (Rupees One thousand Fifteen lakhs Forty Three 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. 753.31 lakhs (Rupees Seven hundred Fifty Three lakhs Thirty One thousand only)** as the 1st 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 **Melghat 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

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- 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 **Melghat 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 **Melghat Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2020.
 - (x) **Melghat 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 **Melghat 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 **Melghat 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 (**Melghat 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.**

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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) 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 leviabale 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.

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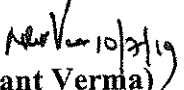
7. In accordance with the revised procedure, the Central Accounts Section, Reserve Bank of India, Nagpur, may kindly be advised to pass on credit to the books of the State Government of Maharashtra under intimation to this Department.

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)	640.31
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	56.50
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	56.50
Total		753.31

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 123955/AS&FA (PG) dated 05.07.2019.

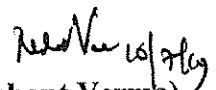
Yours faithfully,


(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, Melghat 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)

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

(Rs. in lakhs)

Sr. No.	Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY 18-19	Current year 2019-20		Unit Price (Rs.)	Total (Financial Target)	GPS	Justification
						No. of Items (Physical Target)	Sub-Item Details				
	Non-Recurring (Core)										
1	Anti-Poaching	Procurements of vehicles (boat, motorbikes, mobility gyp sy, Jeep, Truck, Tractor), (patrolling vehicles against condemnation)	16.1.19	7.24	0	1	Procurement of vehicles for Akot Division 1 Nos. Vehicle Mahindra Bolero (Propose write off vehicle)	800000	8.00		Melghat is a vast area covering around 2900 Sq.Km. with scanty field staff. The vehicles are necessary for deployment of Staff in remote areas all the year around per vehicle Rs. 8.00 lakh (1 Nos.) Vehicle write off Order enclosed in the file.
2	Anti-Poaching	Core Area: Procurement field gear, night vision device, field dress, boots, binoculars	16.1.21	7.24	18.84	554	Field dress with boots to 554 personnel @ Rs 3000 = Rs 16.62 Lakhs, 40 binoculars @ Rs 10000 = Rs 4.00 Lakh, 3 Night vision @ Rs 70000= 2.10 lakhs, Patrolling gear for staff and other staff 111 Nose @ Rs 2000= Rs 2.22 Lakhs In Melghat Tiger Reserve Field Staff (Patrolling gear tracking stick, ace pack, water pack)	4513	25.00		Patrolling gears and other instrument are to be provided for strengthening the field protection operation 115, 145 294 Field Staff of Gugamal, Akot Sima Wildlife Division respectively.
3	Anti-Poaching	Core Area: Providing support to tiger reserves for raising, arming and deploying Special Tiger Protection Force (STPF).	16.1.1	7.24	375.41	112	Simn-STPF Staff salary ACF-1 12 Month Sal 13.70 lakh RFO-3 12 Month Sal 23.23 Lac, Forest Guard -81 12 Month 352.20 Lakh, Watcher -27 12 Month 117.40 Lakh	452259	506.53		Required for raising, arming and deploying Special Tiger Protection Force (STPF) for effective protection of the reserve. This is a committed expenditure. This includes salary of 1 ACF, 3 RFOs, 81 Forest Guards & 27 Forest Watchers. The increase from last year is due to revision of pay under 7th pay commission w.e.t. 1/1/2019. Details sheet enclosed in the file.
4	Strengthening	Core Area: Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring.	16.2.27	7.25	9.99	113	Mobile phones @ Rs. 8827/- per hand set for all beat officers and 4 computers @ Rs. 40000/- per unit for ranges for M-Stripes data analysis	8827	9.97		

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5	Mainstreaming wildlife concerns	Core Area: Habitat Improvement measures.	16.10.5	9.07/9.08	20.00	400	1st year habitat improvement measures 1) Lantana Removal 50 hect. Jarida Range (Bit-Madizadap) 2) Hairu Range 25 hect. (Beat-Senarkheda C.N.487) 3) 25 hect Beat Chhatt C.N. 472 @ 7700/- 4) Senadoh Range (Bit-S.Senadoh C.N.107) 25 hect.5) Senadoh Range (Bit Khumbhikhandi C.N. 1772) 25 hect & Brush cutters purchase @ 25000/- 7 Nos = 175000 Sipna 50 ha.	12500	50.00	Sipna Division Madizadap N 21.58 E 77.36 Senarkhed N 21.66 E77.31 Chhatt N 21.70 E77.38	Habitat improvement measures includes weed eradication, Grassland Development works etc. are to be taken for increasing the sustainability of herbivores. Rates are as per estimates.
6	Staff Development	Core Area: Study tours for appraisal of good practices in other reserves.	16.8.5	3.18	1.00	2	Study tours for appraisal of good practices in other reserves. Melghat Tiger Reserve	40000	0.80		Study tours to other Reserves would help in increasing efficiency and awareness amongst the staff about best management practices in other protected areas.
7	Project Allowance	Core Area: 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.	16.15	4.06	66.01	810	Project Allowance to field staff and Ministerial staffs in Melghat Tiger Reserve	8143	65.96		Essential for encouraging people to work and stay in remote areas. Details sheet enclosed in the file.
8	Staff welfare	See from guide lines Core Area: Provision for ration allowance to field staff- Assistant Commandant	16.16.2.1	4.06	68.42	667	Ration Allowance (Forester-92 Forest Guard-275, STPF ACE-4, R/O-3, Guard-81, Watcher-27, Mahavai-2 Characuter-5, Chowkidar-9 Malli-6, Forest Labour-166 Total 667 Post @ Rs.860/- From 01/03/2019 to 28/02/2020 (854 x 12 x 860)	10319	68.83		Essential for encouraging the stay of the field staff to work in remote areas. Details sheet Enclose Separately
9	Staff welfare	Core Area: Supply of field kit	16.16.4	4.06	6.48	648	Supply of field kit for Field Staff - 550 @ Rs. 1000/- In Melghat Tiger Reserve (Forester-92 Forest Guard-275, STPF Guard-81, STPF Watcher-27, Mahavai-2 Characuter-5, Forest Labour-166 Total 648 Post @ Rs. 1000/-	1736	11.25		Field kit would provide equipment and help in better discharge the duties amongst the lower staff. Supply of 1 haversack, 1 Water bottle, 1 Torch for each of the field staff
10	Staff welfare	Core Area: Supply of medicine	16.16.3	4.06	1.67	60	Protection Camps and 60 vehicles Check Neka 24 Total 167 @ Rs. 1000/- per kit in Melghat Tiger Reserve	2783	1.67		Supply of medicine and first aid kit necessary in remote area.
	Total Non-Recurring (Core)				567.82				748.01		

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11	Non-Recurring (Buffer) Staff welfare	Buffer Area: Supply of mosquito net field kit	16.16:5	4.06	5.00	11	Amenity to staff at anti poaching Camp 1. Utensils for camps 2. Medical kit having basic medicines for protection camps 3. Snake fangs sticks, torches and other necessary equipments.	40000	4.40	Jamali 21.335642 77.261319 Ghahang 21.451639 77.438481 Dhughat Rly 21.257269 76.757867 Khatkali 21.266253 77.918183 Khongada 21.315031 77.187322 Palaskund 21.286981 76.716514 Bhawai 21.493597 77.382992 Dhamraon 21.345875 77.446811 Popakheda 21.216322 77.077914 Kanholi 21.316942 76.823694	Provision of daily need equipment like utensils for camp, field patrolling etc is required.
12	Eco-Development	Buffer Area: To carry out prophylactic immunization of cattle in and around Tiger Reserve.	16.1	8.03	1.60	42	To carry out prophylactic immunization of cattle in 28 Villages in sipna Dn, Akot- Dn-4 and Buffer Dn 10 Village @ Rs.10000 /-	10000	4.20		Essential for reducing the spread of diseases and mortality in wild life coming in contact with domestic cattle. 50 cattle immunization camps to be organized at various station in MTRR @ Rs. 2000/- per camp

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13	Mainstreaming wildlife concerns	Buffer Area: Anti-poaching operations.	16.10.4	4.06	6.00	3	Anti-poaching operations: in Melghat Tiger Reserve Anti poaching Operations :- 1. Interstate meeting and combine boarder patrolling 2. Temporary setting up of road checks, protection camps and long distance patrols. Anti-poaching operations. In Melghat Tiger Reserve Antipoaching Operations :- 1. Instant meeting and combine boarder patrolling 2. Temporary setting up of road checks, protection camps and long distance patrols. 3. New 4th Division of Melghat Wildlife Division was added on 4th Dec 2018. So this new Division need Road Checks. Barriers urgently	200000	6.00		Melghat shares interstate boundary with Madhya Pradesh with many footpaths the hills. Regular anti poaching operations are necessary for preventing any poaching incidences. A provision of Rs. 400000/- for each division is made to make transport and ancillary arrangements during the anti poaching operations (including incidental labour charges)
14	Anti-Poaching	Buffer Area: Procurement field gear, night vision device, field dress, boots, binoculars	16.1.21	7.24	0.00	160	Field dress with boots to 160 personnel @ Rs 3000 = Rs 4.80 Lakhs. 10 binoculars @ Rs 10000 = Rs 1.00 Lakh, 1 Night vision @ Rs 70000 = 0.70 lakhs, Patrolling gear for other staff 22 Nose @ Rs 2000 = Rs 0.44 Lakhs in Melghat Tiger Reserve Field Staff (Patrolling gear tracking stick, ace pack, water pack)	3906	6.25	Patrolling gears and other instrument are to be provided for strengthening the field protection operation. 160 Field Staff of Buler Wildlife Division respectively.	
15	Strengthening	Buffer Area: Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring.	16.2.27	7.25	0.00	55	For newly created division camera traps, GPS, Batteries required for M Stripes	9000	5.00	Monitoring system for Tigers Intensive protection and Ecological Status For newly created division.	
16	Project Allowance	Buffer Area: 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	16.1.15	4.06	7.41	217	Project Allowance to field staff and Ministerial staffs in Melghat wildlife division (217 staff) (list attached)	8063	17.496	Essential for encouraging people to work and stay in remote areas.	
17	Staff welfare	Buffer Area: Provision for ration allowance to field staff. Assistant Commandant	16.16.2.1	4.06	8.04	158	Ration Allowance (Forester-20 Forest Guard-55, Chowkidar-3, Maili-3, Forest Labour-77 Total 158 Post @ Rs. 850/- From 01/04/2019 to 31/03/2020 (158 x 12 x 850)	10323	16.31	Essential for encouraging the stay of the field staff to work in remote areas.	
18	Staff welfare	Buffer Area: Supply of field kit	16.16.4	4.06	0.00	158	Supply of field kit for Field Staff -158 in Melghat wildlife division	3165	5.00	Field kit would provide equipment and help in better discharge the duties amongst the lower staff. Supply of 1 haversack, 1 Water bottle, 1 Torch for each of the field staff	
Total Non-Recurring (Buffer)					28.05				64.66		

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	Recurring (Core)																		
19	Anti-Poaching	Core Area: Deployment of camp labourers for patrolling.	16.1.5	7.24	279.68	83	83 camps x 3 labour x 312 day x @370 in Melghat Tiger Reserve	346319	287.45				Essential for round the year patrolling in the Forest area and keeping the person round the clock in all 83 Pro. camps. As per letter of wage bond rate Extreme Inaccessible Area year 2018-19 and 10% increment for next year. (Copy attached in the file)						
20	Anti-Poaching	Core Area: Maintenance of vehicles(boats, motorbikes, mobility)	16.1.20	7.24	6.00	30	Two Wheeler Poland Maintenance @ Rs 20000/-	16667	5.00				Maintenance of 30 Two Wheeler Vehicles is essential for protection and prohibiting undue activities. rates of maintenance will be subject to time						
21	Anti-Poaching	Core Area: Maintenance of existing patrolling camps/chowkis.	16.1.4	7.24	53.91	24	24 Check Naka 2 labour 312 days in Melghat Tiger Reserve (24 x 2x 312 x370) Sipana D.-12, Gungamal Dn.6 Total 24 Check Naka	173167	41.56				Amount is required for running the Check Nakas in order to prevent or caught the unwanted activities As per letter of wage bond rate Extreme Inaccessible Area year 2018-19 and 10% increment for next year. (Copy attached in the file)						
22	Anti-Poaching	Core Area: Maintenance of wireless network.	16.1.8	7.24	85.36	38	38 W. Station x 2 Labours x 312 days x @ Rs.370/- in Melghat Tiger Reserve @ Rs. 7000/- per station Sipna Dn -16 WS Gungamal - 8 WS Akot- 14, Total 38/Wireless Station (Wireless, batteries, handset, antenna, wires, etc..)	230868	87.73				Essential for round the year communication in the forest area as there is no mobile network in MTR. Wireless is the only means of communications. 38 Wireless Station in Melghat Tiger Reserve As per letter of wage bond rate Extreme Inaccessible Area year 2018-19 and 10% increment for next year. (Copy attached in the file)						
23	Strengthening	Core Area: Maintenance of ACF Quarters	16.2.1.3	7.25	9.33	15	Maintenance of staff quarters Sonthana- Type I - 2 no., Protection Hut-2, Wan Sankul Type I- 2 no., Type	140667	22.00				Field staff employees' Qtr maintenance is essential for better living						

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24	Strengthening	Core Area: Maintenance of anicuts, Stop Dam-cum-Bridge, Culvert, fish Bridge.	16.2.13	7.25	9.00	15	Maintenance of anicuts 1) Chikhiam Anicut C.N.226 Ralpur Range, 2) Borykneada Anicut C.N.257, 3) Amrai Anicut C.N.221 4) Hatru Range Cement Bandhra (Duggi Nala) C.N.547 Bit S. Bhutum 5) Cement Bandhara C.N. 526 No1 6) Cement Bandhara C.N.526 No2 7) Cement Bandhara C.N. 526 No 3 8) Semadon Range Anicut Maintenance Bit- Makhala, C.N. 192 9) Bit- Aseri C.N. 169 10) Bit- Pipalpadav C.N. 161	90000	13.50	76.97	Sigma Division Chikhiam Anicut N 21.54 E 77.29 Borykneada N 21.61E 77.25 Amrai N 21.57 E 77.29 Duggi Nala N 21.68 E 77.23 N 21.69 E 77.24 N 21.89 E 77.24 N 21.69 E 77.24 N 21.53 E 77.03 N 21.49 E 77.33 N 21.50 E 77.29 Gungamal Division 1) Chikhiam Anicut N 21.55 E 77.29 2) Gungamal N 21.38 E 77.05 3) Sukalbhura N 21.41 E 77.18 4) Paliya-1 N 21.32 E 77.13 Akot Division 1) Gobya N 21.31 E 76.94 2) Borl N 21.28 E 76.95 3) Dhangad N 21.30 E 76.96 4) Wan N 21.20 E 76.80 5) Somthana N 21.25 E 76.89	Augmenting of water in MTR is Essential as MTR is water deficient in summer.
25	Strengthening	Core Area: Maintenance of dams.	16.2.12	7.25	8.00	16	Maintenance of dams. Gungamal Division Desilting and Repairs Of Gungamal anicut and Kund lake, Masanam Anicut, Sponkhandi and RangraoAkot Division Desilting and Repairs Gularghat- 49 L, Amona-5L, Gobya-2 L, Pirkheda-2L, Chipli-1L, Saykhd-10 L, Cunkhad-10L, Somthana-2L	90000	14.40	76.89	Augmenting of water in MTR is Essential as MTR is water deficient in summer.	
26	Strengthening	Core Area: Maintenance of fire lines and firebreaks.	16.2.15	7.25	17.36	25	Purchase Fire Fighting Blower & Fuel for fire Season Purchase Fire Fighting Blower @ 0.53/- Including Fuel Expenses Akot Wildlife Division-8	53645	13.40	76.89	To mitigate fire hazards & to clear fire lines & effective control over forest fire.	

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27	Strengthening	Core Area. Maintenance of road network.	16.2.4	7.25	20.68	361.21	Maintenance of Road Sipra Division Jarida Range 1) Rajadach to Madizadap 7 km 2) Madizadap to Bluhkheda 9 km. Hatru Range 1) Bhurum to Jamumata 3.08 km, 2) Jalepud Nala to Khara Nala 2.02 k.m, 3) Reylkheeda to Khara Sipra Ball Road 4.01 km, 4) Killpadav to Zarapat 5.3 km 5) Kholwar Balla to Tufi Balla 7.4 km 6) Bhurum to Rajapata Naka 3.00 km 7) Bhurum to Ghondpat 4.5 km 8) Patra padav to Kuhu 2.7 k.m, 9) Kuhu to Bhurum 2.9 km, 10) Dorni to Dorni Naka 1.5 km, 11) Dorni to Bhurum Road 2.6 Km. Total- 55.01 Km (Per km 9200) <u>Gugamal Division</u> Vairat to Koha 21 km, Rangrao Jod to Kund 6 Kms, Koha to Gugamal, 10 Kms, Gugamal to Dhakna 15 Kms, Dol to Chikoram, 15 Kms, Vairat to Rajdeobaba 20 km Chikoram to Dolar 9 kms, Dolar to Patulda 7 kms, Rabang to Barann 10 Kms, Nilkahu to Sakri to Memna 20 Kms, Kund to Bobra 8 Kms, Sukkibura Jod to Massaram 6 Kms, Total-147 Kms <u>Akot WL</u> , 159.2 Kms. <u>Dhargad Range</u> :- Gullanghat to Sankul 4.6 Kms, Gullanghat to talav Road-2.6 Kms, Gungipati to zopadi Gadda-4.7 Kms, Gungipati to Koktu Road-2.4 Kms, Gungipati to Chikoram-7.7 Kms, Bor to Zopadi Gadda-3 Kms, Zopadi gadda to Ambeda-3 Kms, Gobyia to Koptlaan-2.3 Kms, Bor to Gobyia-4 Kms, Gobyia to Ghothanaan-4 Kms, Dhargad to Bor Road-3.5 Kms, Somthana to Wan River-7.3 Kms, Jhodhallipati to Ghothanaan-8 Kms, Dhargad to Bor-3.5 Kms, Gullanghat to Kejpani Road-4 Kms <u>Narmala Range</u> :- Shahanur to Palihari- 3 Kms, Narmala Fort Internal Road- 5 Kms. ; Shahanur to Sulai Nala- 6 Kms. <u>Somthana Range</u> :- Motapani to Nagatas- 3.2 Kms.; Nagatas to Juna Tower - 3.9 Kms.; Nagatas to Wan 3.8 Km., Wan to Wan River 1.5 Kms. <u>Sonala Range</u> :- Shemba to talai- 17 Kms.; Wasali to	8167	29.50	Sipra Division N 21°56' E 77°36' N 21°51' E 77°36' N 21°59' E 77°24' N 21°58' E 77°23' N 21°56' E 77°26' N 21°54' E 77°26' N 21°70' E 77°22' N 21°70' E 77°24' N 21°59' E 77°24' N 21°58' E 77°25' N 21°58' E 77°27' N 21°71' E 77°27' N 21°71' E 77°27' Gugamal Division/Vairat N 21°23'03.3" E 77°15'13.2" To Koha N 21°23'08.8" E 77°06'42.7" Rangrao Jod N 21°24'21.90" E 77°10'52.25" To Kund N 21°26'17.7" E 77°11'14.8" Gugamal Camp N 21°22'07.9" E 77°04'22.5" To Dhakna N 21°25'46.1" E 77°03'37.5" Rabang N 21°23'43.0" E 77°07'51.1" To Barann N 21°23'04.7" E 77°10'48.6" Nilkahu N 21°25'41.4" E 77°11'24.2" To Memna Road N 21°25'45.43" E 77°18'29.41" Koha N 21°23'08.8" E 77°06'42.7" To Gugamal Camp N 21°22'79.9" E 77°04'22.5" Dol N 21°23'44.58" E 77°05'36.37" to Chikoram N 21°21'42.92" E 76°59'43.47" Chikoram N 21°21'42.92" E 76°59'43.47" to Dolar N 21°23'21.26" E 76°57'57.66" Dolar N 21°23'21.26" E 76°57'57.66" to Palulda N 21°20'33.44" E 76°57'08.41" Kund N 21°26'17.7" E 77°11'14.8" to Bobra N 21°26'35.46"	It is essential as communication and movement is essential for protection. Most of the roads of MTR requires maintenance after monsoon.
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Madhava 10/2/19

28	Mainstreaming wildlife concerns	Core Area: Monitoring of wild animals.	16.10.3	9.07/9.08	1.98	24	Monitoring of wild animals in Melghat Tiger Reserve for M-stripe & Phase IV Purchase of 24 new Camera trap	24/750	5.94	E 77° 41' 26.1" Sukhibura jod N 212441.5" E 77° 11' 4.8" to Masanam N 212430.7" E 77° 11' 38.0" Akot Division Wan Rangeli 21.18 E 76.81N 21.20 E 76.80N 21.21 E 76.80N 21.21 E 76.78N 21.20 E 76.80N 21.21 E 76.82N 21.21 E 76.82N 21.22 E 76.82Sambhana Rangeli 21.24 E 76.99N 21.25 E 76.99N 21.23 E 76.99N 21.25 E 76.98Dhargad Rangeli 21.25 E 77.02N 21.26 E 77.03N 21.34 E 77.02N 21.34 E 77.02N 21.34 E 77.02N 21.34 E 77.02N 21.30 E 76.98N 21.31 E 76.98N 21.31 E 76.97N 21.31 E 76.98N 21.31 E 76.97N 21.27 E 76.96N 21.26 E 76.99N 21.26 E 76.93N 21.27 E 76.96N 21.81 E 76.98N 21.26 E 77.02	Estimation of population of wild animal one area in each division is essential to judge the efficacy of managerial input
29	Habitat Improvement	Core Area: Grass land improvement, wetland improvement	16.3.4	4.04	20.00	924	1st Year Grass land improvement Gugamal Division 869 Ha. in Belkund Round Chikhaldera Range Akot Wildlife Division- Jafra bad 25 ha., Prikheda 30 ha. @ 9000/- Wan Range- Wetland- Introduction of algae/Sea weed	9000	83.16	Gugamal Division Bhargada (Belkund Round) N 21.35 E 77.138 Belkund (Belkund Round) N 21.34E 77.10 South Sakthiheda (Belkund Round) N 21.38E 77.08 East Gugamal (Belkund Round) N 21.35 E 77.06 N 21.36 E 77.07 Akot Division N 21.27 E 77.01	The vacated land after voluntary relocation of villages will provide forage to wild herbivores weedy by grass
30	Habitat Improvement	Core Area: Removal of gregarious plant growth from grasslands	16.3.2	4.04	7.84	250	1st Year Removal of weeds in prime habitats, Gugamal Division Koha - 10 ha, Kund - 10 ha, Vairat - 10 ha, Chahbaida 10 ha, Mangiya 20 ha,	9000	22.50	Akot Division Arnona N 21.21 E 76.99 Barukheda N 21.23 E 76.83	Removal of invasive species help in better habitat condition. MTR has no. of invasive species.

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							Rora 20 ha, Memna 20 ha, Hansai 20 ha, dabhiya 20 ha <u>Akot Division</u> 110 ha @ 9000/- in Melghat Tiger Reserve				Bori N 21.30 E 76.96 Dhargad N 21.26 E 76.97 Gullarghat N 21.26 E 76.02 Kelbani N 21.26 E 76.94 Pitkheda N 21.27 E 76.01 Somthana N 21.25 E 76.89 Nagartas N 21.21 E 76.82 Ambabarva N 21.22 E 76.84 Rohinkhiki N 21.19 E 76.75			
							Water retention structures Guggamal Division 2 anicuts, closing gates of Guggamal & Sukailbhura anicuts @ 1.50 lakh Chikhaldara Range-250 Gabhan Structure @ 10000/- per gabhan Major repairs to Patuda anicut (Dhakra Range) @ 5.00 lakhs <u>Akot</u> Division Sabhan Structure @Rs-100000 Somthana Range-50 no.; Dhargad Range-40 no. Wan Range- 43 no. Total 133 no.				Guggamal Divison Sukailbhura N 21.41E 77.18 Guggamal Anicut N 21.36E 77.07 Patuda anicut N 21.34E 76.94			Soil and moisture conservation works are essential in MTR as the area is hilly and undulating. Water retention in trails help in providing water to wild animals in summer. It will rejuvenate the streams & natural water holes for longer period.
31	Habitat Improvement	Core Area: Water retention structures	163.3	4.04	14.98	369		12500	46.12					

work done 10/3/19

32	Habitat Improvement	Core Area. Weed eradication	16.3.1	3.18	10.00	1114	1st year weed eradication in Sigra Division 1) Haidukheda C.N. 103 Bhoplaball 10 ha 2) Pili C.N. 119 15 ha 3) Makha C.N. 190 10 ha 4) Chikham 14 ha Total 49 ha. @ 1500/- per ha Guggamal Division 125 Ha. in Chikhaldara Round 75 Ha. in Khongda Round. 150 Ha. in Koha Round. 90 Ha. in Valrat Round 25 Ha. in Kund Round Adhav Round 100 ha Total 565 ha. Akot Division Narmala - 100 ha. Dhargad - 100 ha., Somthana - 100 ha. Wan - 100 ha., Sonala - 100 ha. Total 500 ha.	1250	13.92	Sigra Division Haidukheda N 21.98 E 77.31 Pili N 21.49 E 77.25 Makha N 21.48 E 77.31 Guggamal Division Rangro, lod To Kund N 21.40 E 77.18N 21.43 E 77.18Guggamal Division Churni (Chikhaldara Round) N 21.40 E 77.27Borkhadi (Chikhaldara Round) N 21.46 E 77.27 N 21.45 E 77.32 77.28Dhondham (Khongda Round) N 21.31 E 77.14 Merna (Chikhaldara Round) N 21.44 E 77.32 N 21.43 E 77.31 Dharmikheda (Khongda Round) N 21.31 E 77.14 N 21.31 E 77.12Akot Division Narmala N 21.23 E 77.02Dhargad N 21.26 E 76.97Somthana N 21.25 E 76.89Wan (Barukhedaj) N 21.23 E 76.89Sonala (Ambaberraj) N 21.22 E 76.64	Lantana and wild basil (Hyphis suaveolens) are two species which require regular eradication from MTR. Essential to provide better forage to wild herbivores.
33	Anti-Poaching	Maintenance of elephants and there accessories.	16.1.22	4.1	0.000	4	Maintenance of Elephants 4 Elephant Ration @ 15000 x 12Month = 720000 2) Medicines (Chopping) 4 x Rs 18000 = 72000 3) 4 No Ambari & Gaddi @ 10000 = 40000	208000	8.32	Elephant Ration and Medicines are essential 4 Elephants of MTR. Which are used for patrolling purpose.	
Total Recurring (Core)					544.12				694.50		

work 10/2/19

Recurring (Buffer)													
34	Anti-Poaching	Buffer Area: Deployment of ex-army personnel and home guards.	16.1.11	7.24	64.80	36	Payment of super wiser + Ex-military 36 Nos x 15000/- Per months x 12 Months = 180000/- In Melghat Tiger Reserve	180000	64.80				In Melghat Tiger Project protection by Ex-army personnel is essential as they are sincere and disciplined and armed. (12 Ex Servicemen for 4 Division) Ex-army men (one group/division) are kept for special operations. Being from army, they carry more courage and valor. In the free time, they train regular F.G. and STPF in PT, Sport, drill and dress discipline. As per Chief wildlife warden (M.S.) letter No. 4167 dt. 13-2-2017 and as per last 2 year sanction by NTCA (Copy attached in the file)
35	Anti-Poaching	Buffer Area: Deployment of local work force for patrolling, surveillance of water holes, manning barriers.	16.1.12	7.24	13.48	12	16 labour (16 Lab x 312 day x @370/- Per day) in Melghat Tiger Reserve in Melghat Tiger Reserve	153917	18.47				It will help in better monitoring and involvement of locals in protection. (4 Labour for 2 Division) As per letter of wage board rate Extreme Inaccessible Area year 2018-19 and 10% increment for next year. (Copy attached in the file)
36	Anti-Poaching	Buffer Area: Maintenance of elephant squads.	16.1.16	7.24	4.49	4	Wages for elephant helper 4 nos. x 312x@370 (4 Elephant Per elephant 1 helper)	115425	4.62				Helper for 4 elephant of MTR and procurement of grass and taking care. (Sipra-2 Gugamal-1 Akot-1 Helper) As per letter of wage board rate Extreme Inaccessible Area year 2018-19 and 10% increment for next year. (Copy attached in the file)
37	Strengthening	Buffer Area: Maintenance of vehicles (Gypsy, Jeep, Truck, Tractor, staff car etc.).	16.2.18	7.25	23.92	52	Maintenance of 52 vehicles including Fuel Expenses (Gypsy, Jeep, Truck, Tractor, staff car etc.). In Melghat Tiger Reserve	76920	40.00				Maintenance of 42 Vehicles are essential for effective movement of the staff.

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38	Tiger Safari	Buffer Area: Establishment of Tiger Safari, interpretation and awareness centers under the existing component of 39;co-occurrence agenda in buffer and fringe areas 39.	16.21.1	4.06	15.00	4	Maintenance of existing NIC Semadon, Chikhaldara, Harisal, Gullanghat, Shahapur and Wan and Creation of new NIC in Anzari, Mozari & Kratkali Buffer Division	500000	20.00	Sipra Division N 21°49' E 77°19' Buffer Division Pwada Khongada (Jantil Range) N 21°18'51.33"E 77°11'19.46" Khatkali (Akot Range) N 21°15'53.05"E 77°05'58.09" Anzari (Gavligadh Range) N 21°26'6.15"E 77°20'6.93"	There are existing NICs Semadon, Harisal, Gullanghat and Chikhaldara those needs to be refurbished and upgraded to give better interpretation for wildlife conservation. one tourism circuit has one NIC 6 NIC/1268 km2.
39	Anti-Poaching	Buffer Area: Deployment of camp labourers for patrolling.	16.1.5	7.24	37,908	15	15 camps x 3 labour x 312 day x @ 370 in Meghat Tiger Reserve	346320	51.95		Essential for round the year patrolling in the Forest area and keeping the person round the clock in all 15 Pro. camps. As per letter of wage bord rate Extreme Inaccessible Area year 2018-19 and 10% increment for next year. (Copy attached in the file)
40	Anti-Poaching	Buffer Area: Maintenance of existing patrolling camps/showks.	16.1.4	7.24	0.00	3	3 Check Naka 2 labour x 312 days in Meghat Wildlife Division (3 x 2x 312 x370/-)	230867	6.926		Amount is required for running the Check Nakas in order to prevent or caught the unwanted activities As per letter of wage bord rate Extreme Inaccessible Area year 2018-19 and 10% increment for next year. (Copy attached in the file)
41	Anti-Poaching	Buffer Area: Maintenance of wireless network.	16.1.8	7.24	9.36	10	10 W. Station x 2 Labours x 312 days x @ Rs. 370/- In Meghat Wildlife Division	230880	23.088		Essential for round the year communication in the forest area as there is no mobile network in MTR. Wireless is the only means of communications. 10 Wireless Station in Meghat Tiger Reserve. As per letter of wage bord rate Extreme Inaccessible Area year 2018-19 and 10% increment for next year. (Copy attached in

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42	Strengthening	Buffer Area:: Maintenance of ACF Quarters	16.2.13	7.25	0.00	10	The newly created division has very poor. Quarters and offices condition, so need urgent repairs (DCF Quarter-1, ACF Quarter-2, Forester Quarter-2, Forest Guard Quarter-5 =Total 10	20000	20.00	Buffer Division 1 No DCF Quarter N 21°18'33.35" E 77°31'00.03" ACF Quarter N 21°18'34.21" E 77°31'07.73"	the file)
43	Strengthening	Buffer Area:: Maintenance of antcuts, . Stop Dam-cum-Bridge, Culvert, Irish Bridge.	16.2.13	7.25	0.00	10	Maintenance of antcuts 10 antcuts in Melghat Wildlife Division	90000	9.00	Buffer Division Pwada Amzari (Gavigadh Range) N 21°25'20.90" E 77°22'26.19" Jannunaha (Gavigadh Range) N 21°25'15.19" E 77°22'59.57" Amzari (Surrounding) N 21°25'9.08" E 77°23'8.53" Amzari (Surrounding) N 21°25'40.70" E 77°21'40.93" Amzari (Surrounding) N 21°25'51.43" E 77°21'44.69" Khalkali (Akot Range) N 21°15'53.05" E 77°05'58.09" Amzari (Gavigadh Range) N 21°26'6.15" E 77°20'6.93" Khalkali (Gavigadh Range) N 21°25'22.96" E 77°19'50.54" Ambarpati (Jamli Range) N 21°19'42.56" E 77°13'59.68" Golai (Dhulghat Range) N 21°18'51.27" E 76°52'45.08"	Augmenting of water in MTR is Essential as MTR is water deficient in summer.
44	Strengthening	Buffer Area:: Maintenance of fire lines and firebreaks.	16.2.15	7.25	0.00	20	Purchase Fire Fighting Blower & Fuel for fire Season	51700	10.34	Fire line Cutting and Burning work help in fire protection in summer.	

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45	Strengthening	Buffer Area:: Maintenance of road network.	16.2.4	7.25	9.00	113	Maintenance of Road in Melghat Wildlife division Total 113 km.	7965	9.00	Gavilgadh N 21°24'1.20"E 77°17'54.42" Akot N 21°18'33.41"E 77°07'56.61" Dhulgh at N 21°19'32.74"E 76°52'59.21" Jarnli N 21°21'25.96"E 77°14'26.74" Ghatang N 21°29'57.23"E 77°23'50.73"	New buffer division was created by reorganisation from territorial area on 04/12/2018. So this newly created division requires additional new interventions.
46	Mainstreaming wildlife concerns	Buffer Area:: Monitoring of wild animals.	16.10.3	9.07/9.08	0.00	104	Purchase of new Camera trap for new division 2 No. per beat Total 52 beats	20000	20.80		M-stripes system is to be adopted for effective protection and phase IV estimation
47	Habitat Improvement	Buffer Area:: Grass land improvement, wetland improvement	16.3.4	4.04	0.00	40	1st year Grass land improvement in Melghat Wildlife division 40 ha.	9000	3.60	Buffer Division Pwada Gavilgadh Range N 21°23'29.26" E 77°21'20.05" Akot Range N 21°16'27.93" E 77°05'52.38" Dhulghat Range N 21°25'34.83" E 76°58'41.21"	New buffer division was created by reorganisation from territorial area on 04/12/2018. So this newly created division requires additional new interventions.
48	Habitat Improvement	Buffer Area:: Removal of gregarious plant growth from grasslands	16.3.2	4.04	0.00	667	1st year Removal of lanena in Melghat Wildlife division 667 ha. @ Rs.1250/- Per ha.	12.50	8.34	Buffer Division Pwada Gavilgadh Range N 21°23'29.26" E 77°21'20.05" Akot Range N 21°16'27.93" E 77°05'52.38" Dhulghat Range N 21°25'34.83" E 76°58'41.21"	Removal of invasive species help in better habitat condition. MTR has no. of invasive species.

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49	Habitat Improvement	Buffer Area: Water retention structures	16.3.3	4.04	0.00	133	Water retention structures and cut in Melghat Wildlife division 10 places	50000	5.00	Buffer Division Pwada Gavligadh Range N 21°25'20.90"E 77°22'26.19"Gavligadh Range N 21°25'15.15"E 77°22'58.57"Gavligadh Range N 21°25'9.08"E 77°23'8.53"Gavligadh Range N 21°25'40.70"E 77°21'40.93"Gavligadh Range N 21°25'51.43"E 77°21'44.89"Akot Range N 21°15'53.05"E 77°05'58.09"Gavligadh Range N 21°25'22.96"E 77°19'50.54"Jamli Range N 21°19'42.56"E 77°13'59.68"Dhulghat Range N 21°18'51.27"E 76°52'45.08"	Soil and moisture conservation works are essential in MTR as the area is hilly and undulating. Water retention in nallas help in providing water to wild animals in summer. It will rejuvenate the streams & natural water holes for longer period.
50	Habitat Improvement	Buffer Area: Weed eradication	16.3.1	3.18	0.00	334	1st year weed eradication in Melghat Wildlife division 334 ha	1497	5.00	Gavligadh Range N 21°23'29.26"E 77°21'20.05"Akot Range N 21°16'27.93"E 77°05'52.38"Dhulghat Range N 21°25'34.83"E 76°58'41.21"	Lantana and wild basil (Hyphis suaveolens) are two species which require regular eradication from MTR. Essential to provide better forage to wild herbivores.
Total Recurring (Buffer)					177.96				320.93		
Grand Total (Non Recurring + Recurring)									1828.090		

Approved on 10/9/19

(Rs. In lakhs)

S. No.	Items	Sanction	Central Assistance
1	Non-Recurring (60%)	812.67	487.60
2	Recurring (50%)	1015.43	507.71
	Total	1828.10	995.31

(Rs. In lakhs)

Cost of APO including State's share	A	1828.10
Center's share in APO	B	995.31
1 st release @ 80% of Center's share	C=0.8*B	796.24
Less: Unspent balance FY 2017-18	D	42.93
Adjusted 1 st release	E=C-D	753.31
2 nd release @20% of Center's share	F=0.2*B	199.06

* 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.

Neelkanth
10/3/19