

**No. 4-1(46)/2020-PT**  
Government of India  
Ministry of Environment, Forest and Climate Change  
Project Tiger Division

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**Dated the 10<sup>th</sup> June, 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 Bor 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 Bor Tiger Reserve, Maharashtra at the cost of **Rs. 660.78 Lakhs (Rupees Six hundred Sixty lakhs Seventy Eight thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs.373.55 Lakhs (Rupees Three hundred Seventy Three lakhs Fifty Five 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. 26.83 lakhs (Rupees Twenty Six lakhs Eighty Three 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.
- (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 **Bor 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.

*Neelam Vora* 10/6/2020

- (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 **Bor 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 **Bor Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2020.
- (x) **Bor 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 **Bor 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 **Bor 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 (**Bor 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 DWH Schemes etc.
- (xix) The cost estimates worked out by the Field Director should be based on approved schedule of rates of the State Government, with due approval of the competent authority.
- (xx) Approval of the competent authority be obtained and acceptance of UC may be ensured by PD.
- (xxi) The expenditure is incurred as per the allocation of funds and no duplication of work is done under any scheme.
- (xxii) Payments are made by bank transfer and no cash payment is to be made.
- (xxiii) Funds for POL / maintenance of vehicles would be admissible only for the vehicles purchased from CSS funds.
- (xxiv) Compensation for loss due to wildlife is to supplement the State Government fund as per the rules of State Government.
- (xxv) Funds released under the scheme shall not be diverted for any activity other than specified herein.
- (xxvi) As the TCP of **Bor Tiger Reserve** has finalized, therefore funds to be spent only on approved items in TCP.
- (xxvii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.

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

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

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Scheme	Budget Head	Amount (Rs. in lakhs)
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	21.46
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	2.69
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	2.68
<b>Total</b>		<b>26.83</b>

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 136019/AS&FA (PG) dated 05.06.2020.

Yours faithfully,

*Nishant Verma 10/6/2020*  
(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, Bor 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 10/6/2020*  
(Nishant Verma)

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

Annual Plan of Operation Year 2020-21  
For Seeking Central Assistance Under C.S.S - Bor Tiger Reserve (Buffer / Tiger Bearing Areas)

(Amount in Lakhs)

Sr. No.	Item	Para of CSS - PT Guidelines	Previous Year Details (2019-20)					Current Year Proposal (2020-21)						GPS	Remarks
			Location	Physical Target	Physical Achievement	Financial Target	Financial Achievement	Location	Physical Target	Financial Target					
										Centre Share	State Share	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
	NON-RECURRING														
	CDRE														
1	Strengthening														
	Procurement of hardware		Bor Headquarter office 4 Computer with printer. 2 laptops for RFC. Multifunction Printer for Range offices.	2 laptops @ 0.50 lakhs. = 1.00 lakhs. 4 Computers with printers @ 0.60 lakhs. = 2.40 lakhs. 2 Multifunction Printers @ 0.20 lakhs. = 0.40 lakhs.	1 laptops @ 0.65 lakhs. = 0.65 lakhs. 4 Computers (all in one) @ 0.44 lakhs. = 1.76 lakhs. 4 printers @ 0.11 = 0.44 2 Multifunction Printers @ 0.225 lakhs. = 0.45 lakhs.	3.30	3.30	Bor (wildlife) Division Office	All in one computer 1 @ 0.45 Multifunction printer 2 @ 0.25 laptop 1 @ 0.55	0.90	0.60	1.50		Required for proper office functioning and routine office works	
	Maintenance of Camera Traps (batteries AA size, SD card etc)	16.7	Bor tiger reserve	LS	LS	3.00	3.00	Bor tiger reserve	LS	2.40	1.60	4.00		For routine tiger monitoring and Phase IV exercise	
	Construction Check post	16.2.1				0.00	0.00	Bor tiger reserve Amgaon to Garamsur road Near Mel beat boundary	1 Nos @ 8.00 lakh	4.00	4.00	8.00	N-21 00' 40" E 078 38' 32"	To regulate illegal entry of visitors on Garamsur - Amgaon Road passing through Tiger reserve	
	Construction of wildlife observation tower	16.2.1				0.00	0.00	Bor Tiger Reserve Old Bor Range At Bor Dam site New Bor Range At Nawargaon lake site	2 Nos @ 3.00	3.00	3.00	6.00	N-20 57' 58.63" E 078 44' 44.64" E N-21 00' 37.7" E 78 35' 50.5"	To record observations of wild animals as well as birds.	
	Extension of Protection Huts	16.2.1				0.00	0.00	Bor tiger reserve Nawargaon Protection Camp Bhondal Protection Camp & Dhanoli Protection Camp	3 Nos @ 3.00 lakh	4.50	4.50	9.00	N-20 59' 49.3" E 078 38' 27.9" E N-20 57' 36.7" E 78 43' 16.7" E N-21 00' 2.00" E 78 48' 19.8"	To provide additional space to the protection camp by providing MS shade which may be used as kitchen cum store room.	
2	Habitat Improvement and Water Augmentation														

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Rejuvenation of Nallas (like Inverted bandhara, deeping, Desiltation, nala deepening, dry rubble bund, gabion dam, Brushwood dam etc.)		New Bor Range. 10 Gabian Structure @ 0.60 lakhs each= 16.00 lakhs. Desiltation work at Ghodecha Talav & Navargaon Talav @ 10.00 lakhs each= 20.00 lakhs	10 Gabian Structure @ 0.60 lakhs each= 6.00 lakhs. And Desiltation work at Ghodecha Talav & Navargaon Talav @ 10.00 lakhs each= 20.00 lakhs	10 nos. Gabian Structure. Desiltation of Talav 2 nos.	26.00	9.85	Old Bor Range West Garamsur Cn. 235 Bor Tiger Reserve  New Bor Range Umarvihiri Cn. 49 Bor Tiger Reserve  Met beat Co. No. 44, 45: Umarvihiri cn. 49; Navargaon W part 1 cn. 241; Bor cn. 263, 266; Khorikhapa cn. 284, 286; Argaon 256, 249; sondi co. 253 Desiltation work at Ghodecha	Gabion 4 nos @ 0.70)  Inverted Earthen Bandhara 2 nos @ 0.75  Gabion 19 nos @ 0.70  2 Nos @ 5.00  Nalla Rejuvenation 1000 Rml. @ 1.00 per 1000ml	16.56	11.04	27.60	N-20 59 41.2 E-78 37 59.09 N-20 59 37.09 E-78 37 58.9 N- 20 59 32.5 E-78 37 52.1 N- 20 59 28.5 E-78 37 37.5 N-21 00 03.1 E-78 37 35.9 N-21 00 07.1 E-78 37 34.0 N-21 02 27.44 E-78 35 25.73 N-21 02 02.77 E-78 35 09.22 N-21 02 05.37 E-78 35 44.79 N-21 02 08.62 E-78 35 53.98 N-20 56 00.35 E-78 45 20.85 N-20 56 15.54 E-78 45 23.03 N-20 56 13.87 E-78 45 14.9 N-20 56 24.46 E-78 45 11.07 N-20 55 55.67 E-78 45 10.16 N-21 00 03.56 E-	For ensuring water availability in summers and to avoid man animal conflict. Also to improve ground water table. Some work is spillover work.	
Construction of earthen bunds / water retention structure / deeping of nallah etc. to increase water availability in waterholes	16.2.7				0.00	0.00	Old Bor Range West Garamsur CN 235 Bor Tiger Reserve New Bor Range Umarvihiri Cn. 49 Bor Tiger Reserve	Cement Check Dam 2 nos. @ 9.00	10.80	7.20	18.00	N- 20 59 21.9 E-78 37 44.09 N-21 02 45.58 E-78 35 46.50	For retention of water in the nala.	
3 Staff Welfare Activities														
Drinking water facilities at protection camps/check naka by digging borewells /WATER purifier		Bor Tiger Reserve. 2 water coolers at Adegaon Campus & Gate @ 0.30 lakhs each. 20 nos. of Low cost water filter at Protection camp & Check Naka @ 0.03 lakhs each. Bordharan Range- 1 Borewell at Bhondai kuli @ 0.70 lakhs. Navargaon gate source well with Pipeline with 3 HP Solar Pump @ 15.00 lakhs.	2 nos. @ 0.30 lakhs. 20 nos. @ 0.03 lakhs. Source well 1 nos @ 15.00 lakhs. 01 bore well @ 0.70 lakh 3HP Solar Pump	2 nos. @ 0.30 lakhs. 20 nos. @ 0.03 lakhs. 01 bore well @ 0.70 lakh Navegaon gate source well with Pipeline with 3 HP Solar Pump @ 15.00 lakhs.	16.90	8.06	Old Bor Range Sukali Protection camp	Installation of 3HP solar pump on existing borewell 1 Nos @ 3.00	1.80	1.20	3.00	N21 .00 ' 18.61' E 078 44' 08.64'	For providing drinking water facility to the staff staying at protection camp. Also Spillover work	

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Toilets (precasted or ready) / Toilet Blocks		5 Nos in New Bor Range at Dubble Barrier, Amgaon RCC Tower, Malegaon Theka RCC Tower, Burad Vihira, Pandhari. 4 Nos. in Bor Range at Adegaon Check Post, Dhanoli Watch Tower, Ambhora Watch Tower, Bherachamatha Watch Tower	9 nos. @ 1.00 lakhs	0	9.00	0.00	5 Nos in New Bor Range at Dubble Barrier, Amgaon RCC Tower, Malegaon Theka RCC Tower, Burad Vihira, Pandhari. 4 Nos. in Bor Range at Adegaon Check Post, Dhanoli Watch Tower, Ambhora Watch Tower, Bherachamatha Watch Tower	50 nos. @ 0.20	6.00	4.00	10.00	Buradviha-N-210 01' 57.1" E-780 38' 26.6" (Comp No.-46) Dubble Barrier-N-200 58' 49.53" E-780 36' 40.98" (Comp No.-245) Khorikha-N-200 58' 13.2" E-780 47.0 00.2" (Comp No.-788) Marsur-N-200 58' 54.5" E-780 34' 08.3" (Comp No.-240) Amgaon-N-200 57' 02.4" E-780 35' 23.2" (Comp No.-256) N21.00' 14.70" E 078 43' 20.10", N20.57' 23.4" E 078 42' 28.1", N-21.00' 34.5" E-078 41' 47.2" N-20.57' 58.00" E-078 41' 10.00" N21.00' 18.61" E 078 44' 08.64"	Spill over work of 9 toilet blocks and 1 new toilet block for Protection camp. essential for field staff performing their duty efficiently.
Field staff dress and equipments (sweaters, shoes, binoculars, GPS, torches, mattresses, Uniform)	-	Bor Tiger Reserve	32 nos. @ 0.25	32 nos. @ 0.25	8.00	8.00	Bor Tiger Reserve	50 nos. @ 0.15	4.50	3.00	7.50	-	essential for field staff performing their duty efficiently.
Health care medicines	16.16	Bor Tiger Reserve	50 nos. x 0.01	50 nos. x 0.01	0.50	0.50	Bor tiger reserve	50 nos. x 0.01	0.30	0.20	0.50	-	essential for field staff performing their duty efficiently.
Covid-19 health monitoring and sensitization	16.16	-	-	-	-	-	Bor tiger reserve	L.S.	2.50	1.70	4.20	-	To effectively monitor and control spread of Covid-19 in staff as well as in wild animals
Field Visit / Tour	-	Bor Tiger Reserve	4 nos. field Visit / Tour @ 0.50	4 nos. field Visit / Tour @ 0.50	1.20	1.20	Bor Tiger Reserve	4 nos. field Visit / Tour @ 0.30	0.72	0.48	1.20	-	For better appreciation of wildlife management practices and exposure through tours.
Training and Sensitization	16.6.6	Bor tiger reserve	2 Workshop @ 0.50 per	2 Workshop @ 0.50 per	0.80	0.80	Bor Tiger Reserve	2 Workshop @ 0.50 per	0.60	0.40	1.00	-	essential to upgrad knowledge about core area and scientific wildlife management
Specialized training in jurisprudence and wildlife forensics for field staff		Bor Tiger Reserve	2 Workshop @ 0.50 per	2 Workshop @ 0.50 per	0.80	0.80	Bor Tiger Reserve	2 Workshop @ 0.50 per	0.60	0.40	1.00	-	essential to upgrad knowledge about core area scientific wildlife management
<b>4 Development Activities for Co-existence in Buffer Zone</b>													
Hand holding of relocated Navargaon village at Khadaki.	16.6	Bor tiger reserve	1 unit of Small Scale Business @ 4.00 lakh 2 nos. Training @ 0.50	1 unit of Small Scale Business @ 4.00 lakh 2 nos. Training @ 0.50	3.80	3.80	Bor tiger reserve		4.50	3.00	7.50	N20 50' 45" E 078 49' 39.8"	Essential after rehabilitation of the village for post relocation
Providing livelihood training to youths in EDC / JFM villages	16.16	Bor Tiger Reserve	200 youths @ 0.20	200 youths @ 0.20	30.00	0.00	Bor Tiger Reserve	200 youths @ 0.15	18.00	12.00	30.00	-	Spill over work due to lapse of grant. Proposed to reduce dependency on Bor Tiger Reserve and avoid man animal conflict.

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Establishing livelihood training facilities for women of EDC / JFM villages	16.16	Bor tiger reserve	100 Nos. @ 0.50	100 Nos. @ 0.50	1.00	1.00	Bor tiger reserve	100 Nos. @ 0.50	0.60	0.40	1.00	-	To reduce dependency on Bor Tiger Reserve and avoid man animal conflict. Training for livelihood activities like tailoring etc.
Organising workshops for sensitizing local villages around Core area	16.8.6	Bor tiger reserve,	10 Workshops @ 0.50	10 Workshops @ 0.50	1.00	1.00	Bor tiger reserve	5 workshops @ 0.50	1.50	1.00	2.50	-	For creating social fencing, sensitisation of local villagers in buffer areas of Bor Tiger Reserve is needed.
Livelihood activities and training, Activities to reduce human - tiger interface conflict	16.17	Bor Tiger Reserve	5 Training @ 0.50 lakhs	5 Training @ 0.50 lakhs	1.25	1.25	Bor tiger reserve	5 Training @ 0.50 lakhs	1.50	1.00	2.50	-	Awareness programme workshop & livelihood training for reduce human - tiger interface conflict and reducing the dependency on forest.
<b>5 Eco-Development</b>													
Prophylactic immunization of cattle including AI and Castration, diseases surveillance	16.1	Bor tiger reserve	3 camps @ 1.00	3 camps @ 1.00	1.50	1.50	Bor tiger reserve	3 camps @ 0.5	0.90	0.60	1.50	-	To control the dissemination of cattle borne diseases in wildlife.
<b>6 Anti Poaching/Monitoring activities</b>													
Conflict Mitigation Squad lead by Forester, (ONE units each of 5 with local labourers and hired vehicles) (Wages For Labourers, Hiring of Vehicles, Purchase of Material)	16.1.4	Bor tiger reserve,	02 Units (05 labours x 12 m x 0.00374 x 26 day = 11.66)	02 Units (05 labours x 12 m x 0.00374 x 26 day = 11.66)	11.66	11.66	Bor tiger reserve,	02 Units (05 labours x 12 m x 0.00371 x 26 day = 11.66)	6.94	4.63	11.57	-	This is required for executing ground work in tiger reserve. There is no STPF in Bor Tiger Reserve and the area is very sensitive. 01 Units
Clearing for Patrolling Path under electric line including circuit breakers, air bunch cabling etc.	16.1.4	Bor tiger reserve	2 Km @ 0.10	2 Km @ 0.10	0.20	0.20	Bor tiger reserve	2 Km @ 0.10	0.12	0.08	0.20	N21 00' 51.76" E 078 34' 41.97" N21 00' 33.70" E078 35' 45.63"	The entire landscape is prone to serious threat of deaths due to electrocution. Needs concentrated efforts to tackle the problem. (For core and nearby areas)
Purchase of batteries	16.1.15				0.00	0.00	Bor tiger reserve	1 @ 4.50	1.17	0.78	1.95	-	For wildlife surveillance and tackling human wildlife conflict
<b>7 POL and Maintenance / repair of vehicles</b>													
Vehicles Supports (Hired) / POL	16.1.4	Bor tiger reserve	3 Nos. patrolling Jeeps, 4 Nos. Motor Cycles, 2 Nos. Tractors	3 Nos. patrolling Jeeps, 4 Nos. Motor Cycles, 2 Nos. Tractors	7.00	7.00	Bor tiger reserve	3 Nos. patrolling Jeeps, 4 Nos. Motor Cycles, 2 Nos. Tractors	4.80	3.20	8.00	-	POL required for existing Vehicle
<b>8 Implementation of M-STRIPES</b>													
i) Field expenses-material cost for PIP, Transects etc	16.2.14	Bor tiger reserve	LS	LS	0.50	0.50	Bor tiger reserve	30.50 km	0.30	0.20	0.50	-	Effective foot patrolling for identifying & preventing any illegal activity inside Bor tiger
ii) Remuneration to Computer Operator		Bor tiger reserve	3 Person @ 0.12 p.m.	3 Person @ 0.12 p.m.	4.32	4.32	Bor tiger reserve	3 Person @ 0.13p.m.	2.61	1.87	4.68	-	Needed for Phase - IV, Research projects etc.
Researcher (JRF / SRF)	16.7	Bor tiger reserve,	1 person x 12 month @ 0.30 p.m.	1 person x 12 month @ 0.30 p.m.	3.60	3.60	Bor tiger reserve	1 person x 12 month @ 0.30 p.m.	2.16	1.44	3.60	-	Needed for Phase - IV, Research projects etc.
<b>9 Addressing man animal conflict</b>													
Low cost Solar Fencing		Bor Tiger Reserve	50 Beneficiary @ 0.15 lakhs	50 Beneficiary @ 0.15 lakhs	5.00	5.00	Bor tiger reserve	75 beneficiaries @ 0.15	6.75	4.50	11.25	-	For reducing man - animal conflict incidences
a) cages and rescue material	16.4.1.3	Bor Tiger Reserve	1 no. Rescue Kit @ 1.00	1 no. Rescue Kit @ 1.00	1.00	1.00		5 cages x 1.00	3.00	2.00	5.00	-	Procuring advanc cages

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10	Project Allowance																
	DFO - 01	16.15	Bor tiger reserve	0.01500x1x12	0.01500x1x12	0.18	0.18	Bor tiger reserve	0.01500x1x12	0.11	0.07	0.18	-				Since they are working in tiger reserve the project allowance is as per norms by NTCA.
	ACF - 01			0.01300x1x12	0.01300x1x12	0.16	0.16		0.01300x1x12	0.10	0.06	0.16	-				
	RFO - 02			0.01000x2x12	0.01000x2x12	0.24	0.24		0.01000x2x12	0.14	0.10	0.24	-				
	Forester - 04			0.00900x4x12	0.00900x4x12	0.43	0.43		0.00900x4x12	0.26	0.17	0.43	-				
	Forest Guard - 36			0.00700x36x12	0.00700x36x12	3.02	3.02		0.00700x36x12	1.81	1.21	3.02	-				
	Van Major - 20			0.00400x20x12	0.00400x20x12	0.90	0.90		0.00400x13x12	0.37	0.25	0.62	-				
	Ministerial Staff Class - III - 09 (1-A/C, S- Clerk, Driver - 2)			0.00700x9x12	0.00700x9x12	0.76	0.76		0.00700x9x12	0.46	0.30	0.76	-				
	Ministerial Staff Class - IV - 01 (1-Paon)			0.00400x1x12	0.00400x1x12	0.05	0.05		0.00400x1x12	0.03	0.02	0.05	-				
11	Ration Allowance		16.16														
	a) Forester - 04		Bor tiger reserve	0.00860 x 4 x 12	0.00860 x 4 x 12	0.41	0.41	Bor tiger reserve	860 x 4 x 12	0.25	0.16	0.41	-				As per tiger reserve norms, current year amount needs to be disbursed.
	b) Forest Guard - 36			0.00860 x 36 x 12	0.00860 x 36 x 12	3.72	3.72		860 x 36 x 12	2.23	1.49	3.72	-				
	c) Van Major - 20			0.00860 x 20 x 12	0.00860 x 20 x 12	2.06	2.06		860 x 20 x 12	1.24	0.82	2.06	-				
12	Awareness		16.21														
	Preparation of posters, banners		Bor tiger reserve	18' x 23' Poster with multicolour 170 GSM @0.00010 (7000 nos.) 6' x 3' Banner @ 0.003 (100 nos.)	18' x 23' Poster with multicolour 170 GSM @0.00010 (7000 nos.) 6' x 3' Banner @ 0.003 (100 nos.)	1.00	1.00	Bor Tiger Reserve	18' x 23' Poster with multicolour 170 GSM @0.00005 (3000 nos.) 6' x 3' Banner @ 0.003 (100 nos.)	0.27	0.18	0.45	-				for wildlife awareness, mark entrance of Protected Area with proper board (Sign Board)
<b>Total Core Area</b>						<b>154.26</b>	<b>90.27</b>			<b>121.49</b>	<b>84.86</b>	<b>206.35</b>					
<b>B Buffer Area (Nagpur and Wardha Division)</b>																	
1	<b>Strengthening</b>																
	Maintenance of Camera Traps(batteries, SD card etc)	16.7	Wardha Division	1500 nos.	1000 nos.	2.50	2.00	wardha Division	64 nos. @ 0.20	7.68	5.12	12.80	N20.745397, E78.810916				To implement Phase IV monitoring as per NTCA norms.
2	<b>Habitat Improvement and Water Augmentation</b>																
	Rejuvenation of Nallas (like under ground barrier, deeping, Desiltation,nala deepening,dry rubble bund, gabion dam, Brushwood dam etc.)	16.3	Wardha Division. Hingani-Junewani c.no 245 (nala deepening), salal kala -225/6 (gabian, nala deepening), ridhara-260, (gabian, nala deepening, vantilav), vanarvihira-245-(vantilav).	Nala deeping.=4 vantilao=4 Gabian=2	Nala deeping.=4 vantilao=4 Gabian=2	7.00	7.00	Nala Deepening: Khadki 272RF, Tamaswada-1,262RF, Bor (KO)-236PF, Sondi (S) 237, Ajindoha 194,195, Bargaon (Go)-209PF, Susund (N)-227RF. Water Tank : Marakur 175RF, Sondi (S) 237PF. Deep CCT : Rajani 118PF-15ha., Nagazari 180 PF- 15 ha.	Nala Deepening - 7 nos. Water Tank- 2 nos. Deep CCT- 2 nos.	6.60	4.40	11.00	N20.51'48" E 078 49' 33", N20.55'26.7", E 078 84' 51.5" N20.56' 8", E 078 43' 36.4" N20.57' 8.09", E 078 40' 25.5" N20.57' 16.30", E 078 41' 06.7" N 21 03 47, E 78 34 58, N 21 03 39, E 78 35 10, N 21 03 290, E 78 35 584 N 21 1 39, E 78 39 1, N20 59 56 E 78 34 30 N21 1 50 E 78 31 8				For ensuring water availability in summers and to avoid man animal conflict. Also to improve water table.

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New bore well, installation of solar pump	16.3	Wardha Division, Arvi - (bore well) 1. Bramhanwada (n) 205, bramhanwada (S) 206, panjara gondi (W) 175, Garpit (w) 185 kharangana-masod (w)- 210 RF, masod(n)-208 RF, sonagaong (n)-185 RF, sonagaon(s)-196 RF, ladgad (N)- 215, Susund(s) 211 PF and 199 PF, bramhanwada rihri -269 RF, dhaga (n)- 201RF, elandoh(s)-195 RF.	Boare well=5. solar pump= 15.	Boare well=5. solar pump= 15.	15.00	15.00	Borewell : Dhanoli 50RF, Meth Hirji (E) 43RF, Meth Hirji (W) 41RF, Kurha 39RF, Rahali Get, Khadki 272RF, Wadgaon (J) 271RF, Bramanwada (N) 189RF, Bori (KO) 235PF, Sondi (S) 237PF, Sondi (S) 226PF, Solar Pump: Sethoha 274RF, Khadki 272RF, Wadgaon (J) 271RF, Bori 236PF, Dhanoli	Wardha Division Borewell-03 nos. Solar Pump- 03 nos.	3.60	2.40	6.00	N 20.0159° E 78 2555.38", N 20.8753.01", E 078 8405.99" N 20.5148", E 078.4933" N 21.086140, E 78.5667484, N20.5040 E078.4819 N20.5652.0 E-078.4333 N 21.086140, E 78.5667484 N 21 3 47, E 78, 34 58, N 21 03 290, E 78 35 564 N 21 1 39, E 78 39 1 N 21 3 47, E 78, 34 58, N 21.086140, E 78.5667484, N 21 3 47, E 78, 34 58 N 21 03 290, E 78 35 564 N 21 1 39, E 78 39 1	For ensuring water availability in summers and to avoid man animal conflict. Also to improve water table.	
Habitat improvement measures (Solarpowered borewell with low cost water tank)	16.10.5	Nagpur Division (Ranga bulibori, Kondhali, Hingna)	10 water holes @1.20 lakh	10 water holes @1.20 lakh	10.00	10.00	Nagpur Division. 10 nos. solarpowered borewell with low cost circular Water Tank.	Nagpur Division. 04 nos. solarpowered borewell. @2.50	6.00	4.00	10.00	(Kondhali- complt.No.32- N21°03'28.98", E 78°41'71.22", complt.No.303- 21°00'52", E078° 51'30", complt.No. 304- N21°00'43", E07 8°51'22", complt.No.306- N21°00'19", E07 8°51'28", complt.No.156- N21°01'56.6", E0 78°42'21.6", complt.No.780B- N21°01'08.5", E0 78°42'51.2", com plit.No.281- N20°55'48.1", E0 78°46'29.0", complt.No.277- N20°54'16.1", E0 78°47'25", complt.No.280- N20°54'18.4", E0	for ensuring water availability to wild life during water scarcity period and to avoid man and animal conflict. Increasing water availability for wild animals.	
3 Staff Welfare Activities														
Medical kit/first aid box	16.16	Wardha Division - 50 nos.,	50 nos. @ 0.01	77 nos. @ 0.01	0.50	0.50	Wardha Division - 50 nos.,	50 nos. @ 0.01	0.30	0.20	0.50	N20.745397, E78.610917	essential for field staff performing their duty efficiently.	
Field staff dress and equipments (sweaters, shoes, binoculars, GPS, torches, mattresses, Uniform)	16.16	Wardha Division	16 nos. @ 0.20	16 nos. @ 0.20	3.20	3.20	Wardha Division Raincoat, Shoes & Torch for Buffer Vamshibor.	10 @0.20	1.20	0.80	2.00	N20.745397, E78.610917	essential for field staff performing their duty efficiently.	
Toilets (precasted or ready) / Toilet Blocks	16.21				0.00	0.00	Wardha Division Borkhedi Naka, Bangadapur Depo., Dhanoli Type2 Toilet repair.	3 nos.	1.50	1.00	2.50	N 21.3.33 E 78 30.55 N 21.050994, E 78.605096 N21 1.0' 2.00", E 078 30.' 33"	essential for field staff performing their duty efficiently.	
Solar lights	16.16	Wardha Division	20 nos. x 0.17	30 nos.	3.40	3.01	Dhanoli, Bangadapur, Karanja Campus, Girad, Shivanfal Naka, Madani, Rahali, Hetikundi, Meth hirji.	10 nos. @ 0.20	1.20	0.80	2.00	N 21.3.33 E 78.30.55 N 21.0159.00 E 78 2555.38 N 21.086140, E 78.5667484 N 21.138951, E 78.498377 N 21 3 52, E 78 33 10, N 21 16 190 E78 410 763 N21 13 89 34 E78 49 83 72 N21 086 189 E78 566 774 N21 0591 034 E 78 605 155	Required for anti poaching camps in the forest	
Field Visit / Tour	-	Wardha Division	2 nos. @ 0.30	2 nos. @ 0.30	0.60	0.60	Wardha Division	2 nos. @ 0.20	0.24	0.16	0.40	-	It will be helpful for field exposure through tours.	

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	Training and Sensitization	16.8.6	Wardha Division	1 Workshop@ 0.40 per	1 Workshop@ 0.50 per	0.40	0.40	Wardha Division	1 Workshop@ 0.50 per	0.30	0.20	0.50	N20.745397, E78.610917	essential to upgrad knowledge about core area scientific wildlife management
4	Development Activities for Co-existence in Buffer Zone													
	Providing livelihood training to youths in EDC / JFM villages	-	Wardha Division	15 youths @ 0.10	15 youths @ 0.10	1.50	1.50	Wardha Division	40 youths @ 0.010	0.24	0.16	0.40	-	To reduce dependency on Bor Tiger Reserve and avoid man animal conflict.
	Establishing livelihood training facilities for women of EDC / JFM villages	-	Wardha Division	2 nos. @ 0.50	2 nos. @ 0.50	1.00	1.00	Wardha Division	2 nos. @ 0.20	0.24	0.16	0.40	-	To reduce dependency on Bor Tiger Reserve and avoid man animal conflict.
	Prophylactic immunization of cattle including AI and Castration, diseases surveillance	-	Wardha Division	1 camp @ 0.75	1 camp @ 0.75	0.75	0.75	Wardha Division	2 Camps @ 0.50	0.60	0.40	1.00	N20.745397, E78.610917	To control the dissemination of cattle borne diseases in wildlife.
	Organising workshops for sensitizing local villagers, students and stakeholders in buffer area	16.8.6	Nagpur Division	5 Workshops @ 0.40	5 Workshops @ 0.40	2.00	2.00	Nagpur Division 6 nos. Wardha Division 1 nos.	7 workshops @ 0.40	1.68	1.12	2.80	N20.745397, E78.610917	Organized general anak special workshops for creating social fencing, sensitisation of local villagers for livelihood aspects and ecodevelopment in buffer areas of Bor Tiger Reserve is needed on Man-Animal Conflict.
5	Anti Poaching/Monitoring activities													
	Patrolling for wild life crime investigation	16.1.4	Wardha Division	5 nos. @ 0.2	-	1.00	1.00	Wardha Division	5 nos. @ 0.2	0.60	0.40	1.00	N20.745397, E78.610917	The entire landscape is prone to serious threat of deaths due to electrocution. Needs concentrated efforts to tackle the problem. (For core and nearby areas)
6	Implementation of M-STIPES	16.2.14												
	i) Equipments - PDA to Field Staff, GPS, Compass etc.		Wardha, Nagpur Division	50 nos. @ 0.10 lakh		5.00	5.00	Wardha Division	30 nos. @ 0.9	1.62	1.08	2.70	-	Effective foot patrolling for identifying & preventing any illegal activity inside Bor tiger reserve
	ii) Field expenses-material cost for PIP, Transects etc		Wardha Division	LS		0.60	0.00	Wardha Division	20 ha.	0.06	0.04	0.10	-	MSTIPES is planned to be implemented from 2020-21.
	iii) Computer / Laptop		Wardha Division	2 Nos. @ 0.60		1.20	1.20	Wardha Division	2 Nos. @ 0.60	0.72	0.48	1.20	-	
	iv) M-STIPES Booklet Printing		Wardha Division	1000 nos. @ 0.001		1.00	1.00	Wardha Division	100 nos. @ 0.001	0.06	0.04	0.10	-	
	v) software, hardware maintenance		Wardha Division	LS		2.00	2.00	Wardha Division	5 Nos.	1.20	0.80	2.00	-	
	Establishing Monitoring system for Tigers intensive protection and Ecological Status (M-Stripes) monitoring, (Monitoring of Underpasses)	16.2.27	Nagpur Division	Camera Traps and accessories 20 nos. @ 0.25	Camera Traps and accessories 20 nos. @ 0.25	5.00	5.00	-	-	0.00	0.00	0.00	-	-
7	Addressing man animal conflict													
8	Project Allowance	16.8.2	Wardha Division					Wardha Division						
	DCF - 1			0.015x1x12	0.015x1x12	0.18	0.18		0.015x1x12	0.11	0.07	0.18	-	Since they are working in tiger reserve the project allowance is as per norms by NTCA.
	ACF - 2			0.013x2x12	0.013x2x12	0.31	0.31		0.013x2x12	0.19	0.12	0.31	-	
	RFO - 4			0.01x4x12	0.01x4x12	0.48	0.48		0.01x4x12	0.29	0.19	0.48	-	
	Forester - 14			0.009x14x12	0.009x14x12	1.51	1.51		0.009x14x12	0.91	0.60	1.51	-	
	Forest Guard - 55			0.007x55x12	0.007x55x12	4.62	4.62		0.007x55x12	2.87	1.91	4.78	-	

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	Van Major -35			0.004x35x12	0.004x35x12	1.68	1.68		0.004x35x12	1.01	0.67	1.68	-	
	Ministerial Staff Class - III - 04 (3-A/C, Tractor Driver - 1)			0.007x4x12	0.007x4x12	0.37	0.37		0.007x4x12	0.20	0.13	0.34	-	
9	Awareness													
	Preparation of posters, banners for wildlife awareness, mark entrance of Protected Area with proper board (Sign Board).	16.21	Wardha, Nagpur Division	LS	LS	1.00	1.00	Wardha Division 0.20 lacs Nagpur Division 1.00 lacs	LS	0.72	0.48	1.20	-	Mass awareness programme in society to support tiger conservation.
10	Man - animal conflict mitigation													
	ajcages and rescue material	16.4.1.3	Wardha Division	3 Nos	2 nos.	2.50	2.50	Wardha Division	5 nos. @ 1.00	3.00	2.00	5.00	-	Purchase of materials for rescue /trap cages/transporting cages
	Total of Buffer Area (Nagpur and Wardha Division)					76.30	74.81			48.53	32.35	80.88		
	NON-RECURRING (Core + Buffer)					230.56	165.08			170.02	117.21	287.23		
	RECURRING													
A	GDRE													
1	Strengthening													
	Construction of 2 nos.Type - 1 Quarter	16.2.1	Bor Tiger Reserve (Bordharan Forest Colony)	02 Nos. @ 10.00 lakh	01 Nos. @ 20.00 lakh	20.00	0.00	Bor Tiger Reserve (Bordharan Forest Colony)	02 Nos. @ 18.00 lakh	18.00	18.00	36.00	N-20 57' 25.6" E-078 42' 28.15"	Essential for field staff performing their duty efficiently also spillover work
	Special repairs to Protection hut	16.2.1				0.00	0.00	Bor tiger reserve Mandli Protection hut including Chainlink fencing	1 Nos @ 5.00	2.50	2.50	5.00	N-20 58' 45.1" E-078 40' 05.9"	To make the protection hut livable special repair is needed.
	Waterproofing of slabs with parapet wall giving slope and providing MS stair case to the existing protection camps.	16.2.1				0.00	0.00	Bor tiger reserve Naw Bor Range Champamat a, Nawargaon, sondi, babhulban Protection Camps, Marikur Check Post Old Bor Range Bhandal, Dhanoli, Sukali Protection Camps Bor, Navegoan Check post	9 Nos @ 1.00	4.50	4.50	9.00	N- 20 55 49.17 E-78 45 16.35 N-20 58 49.3 E-78 36 27.91 N- 20 57 54.4 E-78 38 52.5 N-21 01 41.0 E-078 38 21.0 N- 20 57 36.7 E-78 43 16.7 N-20 57 23.00 E-78 41 15.00 N- 21 00 2.00 E-78 46 19.8 N-21 0 18.5 E-78 44 8.1 N- 20 58 26.7 E-78 47 4.10	To make the Protection camp livable during rains and to avoid leakage of slab.
	Providing Solar off grid power system of 1 KVA to Existing Protection Camps and Check Posts.	16.2.1				0.00	0.00	Bor tiger reserve Bor Wireless Room Karai, Khapri, Sukali, Dhanoli, Bhandal, Mallekdi Protection Camps, Bor Check Post	8 Nos @ 1.00	4.00	4.00	8.00	N-20 57' 23.00" E-78 41' 15.00" N-20 59' 53.4" E-78 38' 24.3" N- 21 00' 18.5" E-78 44' 8.1" N- 21 00' 20.00" E-78 46' 19.8" N- 20 57' 36.7" E-78 43' 16.7" N- 21 00' 27.2" E-78 40' 30.8" N- 20 57' 23.00" E-78 41' 15.00"	To ensure the power supply to the protection camps using solar energy for basic requirements.

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Maintenance of Range offices (including Electric bill, water bill, telephone bill, stationery etc.)	16.2.1	Bor tiger reserve	2 R.F.O. @ 0.500	2 R.F.O. @ 0.500	1.00	1.00	Bor tiger reserve	2 R.F.O. @ 0.500	0.50	0.50	1.00	-	Required for routine office maintenance
Purchase of camera traps, AA size batteries and memory card for monitoring of the tigers	16.10.1.3	Bor tiger reserve	Camera Trap 25 nos @0.22 lakhs= 5.50 lakhs AA size Batteries 25000 nos @ 0.00020 lakhs= 5.0 lakhs	Camera Trap 25 nos @0.22 lakhs= 5.50 lakhs AA size Batteries 25000 nos @ 0.00020 lakhs= 5.0 lakhs	10.50	5.62	Bor tiger reserve	AA size Batteries 25000 nos @ 0.00020 lakhs	2.50	2.50	5.00	-	To implement Phase IV monitoring as per NTCA norms.
<b>2 Research and equipment</b>													
Purchase of Range finder	16.7	Bor Tiger Reserve	20 nos @ 0.16 lakhs	20 nos @ 0.16 lakhs	3.20	3.20	Bor tiger Reserve	Carrying out basic research on diversity & checklist	2.00	2.00	4.00	-	Needed for scientific documentation
<b>3 Anti Poaching/Monitoring activities</b>													
Anti-grazing squad	16.1.2	-	-	-	0.00	0.00	-	-	0.00	0.00	0.00	-	
Wages of Anti-poaching camp labour	16.1.3	Bor tiger reserve	13 APCs X 3 Persons X 12 X 0.00374 x 26 days	13 APCs X 3 Persons X 12 X 0.00374 x 26 days	17.50	17.50	Bor tiger reserve	14 APCs X 3 Persons X 12 X 0.00371 x 26 days	24.31	24.31	48.61	-	Basic requirement for protection and communication inside tiger reserve.
Wages for wireless operator	16.1.13	Bor tiger reserve	2 control room X 3 person X 12X 0.00374 x 26 days	2 control room X 3 person X 12X 0.00374 x 26 days	7.00	7.00	Bor tiger reserve	2 control room X 3 person X 12X 0.00371 x 26 days	3.48	3.48	6.95	-	Basic requirement for protection and communication inside tiger reserve.
<b>4 Wages for driver of vehicle</b>													
4 drivers	16.1.3	Bor tiger reserve	4 drivers X12X 0.00374 x 26 days for 02 nos. Jeep /02 nos. tractor	4 drivers X12X 0.00374 x 26 days for 02 nos. Jeep /02 nos. tractor	4.67	4.67	Bor tiger reserve	4 drivers X12X 0.00371 x 26 days for 02 nos. Jeep /02 nos. tractor	2.32	2.32	4.64	-	These vehicles are used in protection and monitoring very few regular staff available
Payment of fee to pleader in offence cases	16.1.13	Bor tiger reserve	Approximate 5 cases @ 0.20	Approximate 5 cases @ 0.20	1.00	1.00	Bor tiger reserve	Approximate 5 cases @ 0.20	0.50	0.50	1.00	-	Legal support for defending court cases.
<b>5 Maintenance / repair / vehicles /Fuel</b>													
i) Diesel Vehicles - 4	16.1.14	Bor tiger reserve	Diesel - 4 @ 1.50	Diesel - 4 @ 1.50	3.50	3.00	Bor tiger reserve	Diesel - 4 @ 0.75	3.00	3.00	6.00	-	Basic requirement for protection and communication inside tiger reserve.
ii) Motorcycles - 4	16.1.14	Bor tiger reserve	Motorcycle - 4 @ 50.00	Motorcycle - 4 @ 50.00	0.70	0.70	Bor tiger reserve	Motorcycle - 4 @ 0.20	0.40	0.40	0.80	-	Required to gather intelligence from local informers.
Wages for check Naka labours	16.1.3	Bor tiger reserve	7 check naka x 3 person x 12 month X 0.00374 x 26 days	7 check naka x 3 person x 12 month X 0.00374 x 26 days	14.00	14.00	Bor tiger reserve	7 check naka x 3 person x 12 month X 0.00371 x 26 days	12.15	12.15	24.30	-	
Rewards to informers.	16.1.12	Bor tiger reserve	LS	LS	0.50	0.50	Bor tiger reserve	5 cases	0.25	0.25	0.50	-	
<b>6 Firelines cutting and burning</b>													

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A' Class - 12 meters	16.2.6	Bor liger reserve	87.20 Km @18 m.days/km, total: 1570 m.day x 0.00374 per day	87.20 Km @18 m.days/km, total: 1570 m.day x 0.00374 per day	5.87	5.87	Bor liger reserve	87.20 Km @18 m.days/km, total: 1570 m.day x 0.00371 per day	2.91	2.91	5.82	N20 57 10.13 E78 41 40.02 N20 57 27.12 E78 40 14.22 N21 0 36.8 E78 38 40.09 N20 59 57.01E 78 39 40.7 N20 59 57.01 E78 39 40.77 N21 1 13.74 E78 41 19.3 N20 57 48.06 E78 42 12.6 N20 57 48.06 E78 43 50.9 N20 0 47.5 E78 42 43.5 N20 59 56.1 E78 46 20.06 N21 1 13.7 E78 41 19.3 N21 0 47.62 E78 42 43.15 Start- N205710.99 E783648.09 End- N205716.37 E78 40 10.1. Start N20580.33 E783439.17,End-	Essential for protection of forest against forest fire.
B' Class - 6 meters	16.2.6	Bor liger reserve	235.60 Km @10 m.days/km, total = 2356 m.day x 0.00374 per day	235.60 Km @10 m.days/km, total = 2356 m.day x 0.00374 per day	8.81	8.81	Bor liger reserve	235.60 Km @10 m.days/km, total = 2356 m.day x 0.00371 per day	4.37	4.37	8.74	N20 58 56.2 E78 45 47.8 N 20 59 8.2 E78 44 10.6 N20 58 26.7 E78 47 3.8 N20 58 21 E78 45 32.1 N20 59 54.88 E78 46 51.67 N21 0 0.2 E78 46 19.8 N21 0 0.2 E78 46 19.8 N21 0 7.81 E78 46 23.15 N20 59 53.63 E78 38 40.95 N21 0 32.22 E78 39 16.39 N20 58 56.3 E78 40 30.3 N21 59 22.5 E78 39 58.9 N20 59 54.88 E78 46 51.67 N21 0 0.2 E78 46 19.8 N20 58 18.68 E78 37 14.32 N20 58 0.48 E78	Essential for protection of forest against forest fire.
Engagement of firewatchers for 2.5 month (01/04/2020 to 15/09/2020)	16.2.6	-	-	-	0.00	0.00	Bor liger reserve	2.5 months x 25 person x 0.00371 per day	3.48	3.48	6.95	-	Essential for protection of forest against forest fire.
Engagement of firewatchers for 1.5 month (15/02/2021 to 31/03/2021)	16.2.6	Bor liger reserve	1.5 months x 25 person x 0.00374 per day	1.5 months x 25 person x 0.00374 per day	3.65	3.65	Bor liger reserve	1.5 months x 25 person x 0.00371 per day	2.09	2.09	4.17	-	Essential for protection of forest against forest fire.involving villages will also be attempted
7 Maintenance of Forest Roads	16.2.2												

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	i) Murrum Road - 180.00 km	16.2.2	Bor tiger reserve total - 180 Km	180 km @ 0.10	180 km @ 0.10	18.00	18.00	Bor tiger reserve	180Km @ 0.10	9.00	9.00	18.00	N20 58 55.2 E78 45 47.8 N 20 59 6.2 E78 44 10.6 N20 58 26.7 E78 47 3.8 N20 58 21 E78 45 32.1 N20 59 54.88 E78 46 51.67 N21 0 0.2 E78 46 19.8 N21 0 0.2 E78 46 19.8 N21 0 7.81 E78 46 23.15 N20 59 53.63 E78 38 40.95 N21 0 32.22 E78 39 16.39 N20 58 56.3 E78 40 30.3 N21 59 22.5 E78 39 59.9 N20 59 54.88 E78 46 51.67 N21 0 0.2 E78 46 19.8 N20 58 58.68 E78 37 14.32 N20 58 0.48 E78	For regular and seamless patrolling for prevention of any illegal activities.
8	Staff Development													
	Weapon training of all field staff of Cora area of Bor tiger reserve		Bor tiger reserve	2 nos. @ 0.50	2 nos. @ 0.50	1.00	1.00	Bor tiger reserve	1 Nos @ 0.50 lakh	0.25	0.25	0.50	-	Staff capacity building activities. (For Phase - IV, M-STIPES, Eco-development)
	Training of all Beat Guards of Bor Tiger Reserve in: a) Protection monitoring and legal aspect b) GPS/PDA/ Camera trap	16.8.1	Bor tiger reserve	4 training @ 0.50 lakhs	4 training @ 0.50 lakhs	2.00	2.00	Bor tiger reserve	4 training @ 0.50 lakhs	1.00	1.00	2.00	-	
9	Habitat Improvement / Water Augmentation work													
	Planting of Khus Grass	16.3	-	-	-	0.00	0.00	Bor tiger reserve Bor Dam area	60x10 M. D. x 371.00	1.12	1.12	2.23	N-20 58' 43.4" E-78 38' 2.5"	To provide cover for the carnivores.
	Providing water by tanker in existing 50 artificial waterhole on summer	16.3	Bor tiger reserve	700 nos. tanker trips x 0.012	700 nos. tanker trips x 0.012	8.40	0.00	Bor tiger reserve	700 nos. tanker trips x 0.012 x 2 years (Last years lapsed grant +current years requirement)	8.40	8.40	16.80	16.80	To assured water supply to wild animals in summer.. Spillover work
	Maintenance of existing water holes	16.3	Bor tiger reserve	20 Water holes at rate 0.05 each	20 Water holes at rate 0.05 each	1.00	1.00	Bor tiger reserve	20 Water holes at rate 0.10 each	1.00	1.00	2.00	2.00	To assure water supply to wild animals in summer
10	Habitat Management													
	Removal of lantana, Parthenium and other invasive weeds from the infested area of cora area for 2nd year. (With SMC works and Grass Seeding work)		Bor tiger reserve	250 ha. X 10 m.d. x 0.00374 p.day	250 ha. X 10 m.d. x 0.00374 p.day	9.35	5.35	Bor tiger reserve	400 ha. X 10 m.d. x 0.00371 p.day	7.42	7.42	14.84	N20 57 37.3 E78 44 16.1 N20 58 20.36 E78 45 36.56 N20 0 10.19 E78 44 39.32 Amgaon-N 20 57 0.0° E 078 35 27.6 Com no.256 75% Hecter Met- Com no. 45 50% Hecter Uamvihiri-N-21 04' 37.15" E 078 59' 39.8 Com no.49 50% Hecter	2nd Year operation on areas worked in 2018-19 for the first time.

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	Removal of Iantana, Parthenium and other invasive weeds from the infested area of core area for 3rd year. (With SMC works and Grass Seeding work)		Bor tiger reserve	180 ha. X 05 m.d. x 0.00374 p.day	180 ha. X 05 m.d. x 0.00374 p.day	3.37	1.37	Bor tiger reserve	250 ha. X 5m.d. x 0.00371 p.day	2.34	2.34	4.68	N20 58 31.72 E78 43 12.44 N20 58 27.29 E78 38 18 N20 58 37.1 E78 40 33.4 N20 58 45.3 E78 45 45.47 N21 0 25.89 E78 45 26.15 Amgaon-N-20 57' 39.0" E 078 36'03.2 Com no. 245 65% Hectar Mel- N-21 01' 44.0" E- 78 38' 13.5 Com no. 45 62% Hectar Uamvhirli-N-21 00' 56.4" E 078 36' 43.2 Com no. 49 25%	3rd Year operation on areas worked in 2017-18 for the second time.
	<b>Total Core Area</b>					145.02	105.24			123.77	123.77	247.53		
B	<b>Buffer Area (Nagpur and Wardha Division)</b>													
1	<b>Establishment of Wireless Infrastructure</b>													
	(i) Maintenance of wireless infrastructure		Wardha Division	LS	-	2.00	0.00	Wardha Division	LS	1.00	1.00	2.00		For effective communication
2	<b>Anti Poaching/Monitoring activities</b>													
	Deployment of camp labourers for patrolling		Nagpur Division (Kondhali & Hingna)	2 camps x 3 person x 12 month x 0.00374 x 26 days	2 camps x 3 person x 12 month x 0.00374 x 26 days	7.00	7.00	Nagpur Division (Kondhali & Hingna)	4 camps x 3 person x 12 month x 0.00371 x 26 days	6.95	6.95	13.89		Basic requirement for protection
	Squad for Antipoaching activities		Wardha Division	LS	-	1.00	1.00							
	Wages for Check Naka Labours	16.1.13	-	-	-	0.00	0.00	Wardha Division (Bangadapur, Helikundi, Borkhedi and new propose protection camp in Melhirzi) Nagpur Division (Kondhali & Hingana)	6 check naka x 3 persons x 12 month x 0.00371 x 26 days	10.42	10.42	20.83	N-21003.26.84, E78030.57.84 N 21 3.33 E 78 30.55 N 21.058984, E 78.605068 N21 1.0' 2.00', E 078 30' 33"	Basic requirement for protection
3	<b>Wages for driver of vehicle</b>													
	6 drivers	16.2.8	Wardha Division	6 drivers = 6 X12 x 0.00374 x 26 days	6 drivers = 6 X12 x 0.00374 x 26 days	7.00	7.00	Wardha Division 4 nos. Nagpur Division 2 nos.	6 drivers x 12 month x 0.00404 x 26 days	3.78	3.78	7.56		Required for protection and monitoring.
	Maintenance of existing patrolling camp/chock (Chowki in Hingna and Kondhali Range (Hingna-Sawali, Kondhali-Khapa)		Chowki in Hingna and Kondhali Range (Hingna-Sawali, Kondhali-Khapa) of Nagpur Division	2 nos. @ 1.00 lakhs	2 nos. @ 1.00 lakhs	2.00	2.00	Nagpur Division	2 nos @ 0.50	0.50	0.50	1.00	(Kondhali-Khapa-N 21.04953, E78.684425) (Hingna-Sawali-N20°55'23.3", E78°51'0.8")	Basic requirement for protection
	Rewards to Informers.	16.1.12	Wardha Division	LS		0.20	0.00	Wardha Division	LS	0.05	0.05	0.10		Required to gather intelligence from local informers
	Payment of fee to pleader in offence cases	16.1.13	Wardha Division	Approximate 2 cases @ 0.20	2 cases @ 0.20	0.40	0.40	Wardha Division	Approximate 2 cases @ 0.25	0.25	0.25	0.50		Required for handling Forest Offence cases.
4	<b>Strengthening</b>													
	Repairs to quarter		Wardha Division	2 nos. @ 3.5	0.00	7.00	0.00			0.00	0.00	0.00		

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	16.2.1	Wardha Division (new quarter-hingni-seldoh and DCF office)	1 nos. @ 5.0	1 nos. @ 5.0	5.00	5.00	Karanja - Wardha Division 1) RFO Type III Qtr. 2) Dhanoli Type-1 Qtr. 3) Meth (E)-1, 4) Dhanoli Labour Shed 1, Rahali Type-1, Nagazari Type-1, Meth (W) Type-1, Bramanwada (N), Bramanwada (S)	7 nos. @ 1.00	3.50	3.50	7.00	N 21.160295, E 78.410050 N 21.058984, E 78.605098 N 21.042698, E 78.633459 N 21.059152, E 78.605162 N 21.059079, E 78.605138 N21 0135.22 E78 4342.87, N- 21008.19.52', E78029.54.16	to avoid encroachment and providing protection
	16.2.1	TYPE-II Qtr. Repair (DCF & RFO)			0.00	0.00	Karanja Dhanoli Type-II	1 nos. @ 1.00 lacs.	1.00	1.00	2.00	N 21.058984, E 78.605098	
5	Maintenance / repair / vehicles /Fuel												
	16.2.1	Wardha Division	Diesel Vehicles - 4 @ 1.00	Diesel Vehicles - 4 @ 1.00	4.00	4.00	Wardha Division	Diesel Vehicles - 4 @ 1.00	2.00	2.00	4.00	-	Vehicle maintenance need for all vehicle
	16.2.1	Wardha Division	Motorcycle - 2 @ 0.20	Motorcycle - 2 @ 0.20	0.40	0.40	Wardha Division	Motorcycle - 2 @ 0.20	0.20	0.20	0.40	-	
	16.2.1	Wardha, Nagpur Division	Diesel Vehicles 12 nos. @ 2.00	Diesel Vehicles 12 nos. @ 2.00	10.00	10.00	Wardha Division 5 nos. Nagpur Division 4 nos.	Diesel Vehicles 9nos. @ 1.00	4.50	4.50	9.00	-	
6	Mainstreaming wildlife concern In Tiger bearing forests (buffer) and corridor												
	16.10.1.3	Wardha Division 15 nos. and Nagpur Division 50 nos	65 @0.22	65 @0.22	14.30	14.30	Wardha Division-15 nos. Nagpur Division-40 nos.	55 nos @ 0.22 lacs	6.05	6.05	12.10	-	To implement Phase IV monitoring as per NTCA norms.
7	Habitat Management												
	16.3	Wardha (masod (w)- 211 RF, ladgad(s) - 186,187 RF, ladgad(n)-215, 217, susund(s)- 212 RF, bori-236, 238, sondi(s)- 237, khadki-270, wadgaon-271) total - 300 Ha. Nagpur Division (Bulbori, Kondhali, Hingna Range) Total - 200 ha.	Eradication of Lanlana & weeds in 500 ha. @ X 10 m.d. x 0.00374 p.day	Eradication of Lanlana & weeds in 500 ha. @ X 10 m.d. x 0.00374 p.day	18.70	18.70	Wardha Division (2nd year) 1) Kachnur 192RF-15Ha, 2) Chandani 166RF - 15Ha, 3) Ladgad - 215,217RF-20Ha, 4) Songaon(N) 184,185RF 10 Ha, 5)Ajandoha (S) 186,197-20Ha, Meth (E) 41RF, Rahali 52-53RF, Nagazari 180RF, Dhanoli 50-51RF, Kurha 39-40RF, Aagar gaon 160PF, Yenidorka 47RF, Panjara (E)	170 ha @ 10 m.d. x 0.00371	3.15	3.15	6.30	N21.00' 172" E 078 362' 996", N20 59' 19.1", E 078 28' 11.2", N21 00' 32.4", E 078 28' 54.7", N20 58' 10.6", E 078 32' 43.6", N20 57' 29.07", E 078 40' 59.83" N20 57' 10.90", E 078 40' 45.04" N20 51' 26.06", E 078 48' 59.46", N20 51' 37.96", E 078 48' 30.82", N 21 05 33, E 78 32 23 N 21 3 47, E 78 34 26 N 21 0211.85 E 78 2418.00 N 21 3 16, E 78 35 48 N 21 2 34, E 78 37 24 N 21 03.176, E 78 31.941 N 21 1 42, E 78 38 30	
8	Firelines cutting and burning												

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A' Class - 12 mtr.	16.26	Wardha Division	180 Km @18 m.days/km, total: 3240 m.day x 0.00374 per day	180 Km @18 m.days/km, total: 3240 m.day x 0.00374 per day	12.12	12.12	Wardha Division- 180 KM Nagpur Division-151 KM	331 Km @18 m.days/km, total: 5958 m.day x 0.00371 per day	11.05	11.05	22.10	N- 20°51.329', E078°48.064 N- 20°53.094', E078°51.116 N- 20°54.364', E078°35.012 N- 20°56.181', E078°35.167 N- 20°56.154', E078°38.487 N- 20°55.480', E078°37.069 N- 21°00.28', E78°28.19 N- 21°00.30', E78°28.36 N- 20°58.587', E78°30.367 N- 20°58.280', E78°	Essential for protection of forest against forest fire.
B' Class - 6 mtr.	16.26	Wardha Division	95 Km @10 m.days/km, total: 9500 m.day x 0.00374 per day	95 Km @10 m.days/km, total: 9500 m.day x 0.00374 per day	3.55	3.55	Wardha Division - 95 KM Nagpur Division- 53 KM	148 Km @10 m.days/km, total: 1480 m.day x 0.00371 per day	2.75	2.75	5.49	N- 21°01.084', E078°39.225 N- 20°00.537', E078°39.333 N- 21°01.588', E078°39.124 N- 21°01.479', E078°40.033 N- 20°56.277', E078°38.362 N- 20°57.429', E078°41.014 N- 20°57.129', E078°36.286 N- 20°56.142', E078°39.073 N- 20°58.014', E078°42.249 N-	Essential for protection of forest against forest fire.
Engagement of firewatchers for 2.5 month (01/04/2020 to 15/06/2020)	16.26	Wardha Division	2.5 months x 32 person x 0.00374 per day	2.5 months x 32 person x 0.00374 per day	8.98	8.98	Nagpur Division	2.5 months x 10 persons x 0.00371 per day	1.39	1.39	2.78	-	Essential for protection of forest against forest fire.
Engagement of firewatchers for 1.5 month (15/02/2021 to 31/03/2021)	16.26	Wardha Division	1.5 months x 32 person x 0.00374 per day	1.5 months x 32 person x 0.00374 per day	5.38	5.38	Nagpur Division	1.5 months x 10 persons x 0.00371 per day	0.84	0.84	1.67	-	Essential for protection of forest against forest fire.
9	Maintenance of Forest Roads												
i) Murrum Road - 104.00 km	16.22	Wardha Division	65 km @ 0.10	44 KM	6.50	3.50	Melh (w), Dhanoli, Rahali, Melh (E) 20km, Bangadapur (W) - 220RF 1.50 Km, Panjara 8 K.M, 174-205, Bramanwada (N) 188RF- 3 KM	32.5 km @ 0.10 lacs	1.63	1.63	3.25	N 21 03 54, E 78 34 05, N 21 02 48, E 78 36 26, N21 0255.49 E78 2806.58 N 21 3 33 E 78 30 55, N21 0255.49 E78 2806.58, N21 0120.50 E78 2419.10	For regular and seamless patrolling for prevention of any illegal activities.
10	Staff Development												
Workshop on legal aspects and NTCA SOP		Wardha Division	1 nos. @ 0.50	-	0.50	0.00	Wardha Division	1 nos. @ 0.40	0.20	0.20	0.40	-	Staff capacity building activities.

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Specialized training in Jurisprudence wildlife forensics	16.8.4	Nagpur Division - 2 nos.	2 training x 0.50	2 training x 0.50	0.80	0.80	Nagpur Division	1 training @ 1.00	0.50	0.50	1.00	-	Staff capacity building activities.
Purchase of Torch for night patrolling and nakes		Nagpur Division	5 nos. @ 0.01	5 nos. @ 0.01	0.05	0.05	Nagpur Division	5 nos. @ 0.01	0.03	0.03	0.05	-	for night patrolling and nakes
<b>Water Augmentation work</b>													
Maintenance of existing water holes	16.3	Wardha Division	20 nos. @ 0.10	20 nos. @ 0.10	2.00	2.00	1) Bramanwada - 189RF, 2) Panjara (E) - 174RF, 3) Panjara (E) - 176 RF	3 nos @ 0.20	0.30	0.30	0.60	N21 0159.00 E78 2555.38, N21 0120.50 E78 2419.10, N21 0434.62 E78 3925.44	to ensure water supply to wild animals in summer
creation of new water holes with solar pump	16.3	Wardha Division (1) Arvi-Bramhanwada(n)-205, bramhanwada(s)-206, panjara gondi(e)-175f, garpi(w)-185f, Zikharangana-Masod(n)-210f, masod(n)-208f, sonegaon(n)-185f, sonegaon(s)-214f, susund(s)-211f, sahel-199f, bramhanwada ritthi-269f, dhaga(n)-201f, ajandoh(e)-195f, Hingri 3 sites)	15 Water holes with solar pump	15 Water holes with solar pump	9.00	9.00	Wardha Division Karanja 1) Khadaki 272 RF, 2) Sondli (S) 237PF, 3) Sondli (S) 226 PF, 4) Borgaon (Go) 209, 5)Bramanwada (N) 205RF,	5 water holes @ 0.30	0.75	0.75	1.50	N 20.5717.6 E 078.4103.1, N 20.5705.2 E078.3915.0 N20 57 42 E78 34 26 N20 5148 E078.4833 N20.5717.6 E078.4103.1,	to ensure water supply to wild animals in summer
Providing water by tanker in existing 10 artificial waterhole on summer	16.3	Wardha Division	360 nos. tanker trips x 0.012	100 nos. tanker trips x 0.012	3.60	1.30	Wardha Division. Hiring of vehicle for water filling	LS	0.25	0.25	0.50	N20.745397, E78.610917	to ensure water supply to wild animals in summer
<b>Total of Buffer Area (Nagpur and Wardha Division)</b>					<b>131.48</b>	<b>116.48</b>			<b>63.01</b>	<b>63.01</b>	<b>126.02</b>		
<b>RECURRING (Core +Buffer + Adjoining Tiger Bearing Area)</b>					<b>276.50</b>	<b>221.72</b>			<b>186.78</b>	<b>186.78</b>	<b>373.55</b>		
<b>Grand Total (Non - Recurring + Recurring )</b>					<b>646.55</b>	<b>569.93</b>			<b>356.79</b>	<b>303.99</b>	<b>660.78</b>		

## ABSTRACT

(Rs. In lakhs)			
S. No.	Items	Sanction	Central Assistance
1	Non-Recurring (60%)	287.23	172.33
2	Recurring (50%)	373.55	186.77
	<b>Total</b>	<b>660.78</b>	<b>359.10</b>

(Rs. In lakhs)		
Cost of APO including State's share	A	660.78
Center's share in APO	B	359.10
1 <sup>st</sup> release @ 50% of Center's share	C=0.5*B	179.55
Less: Unspent balance FY 2019-20	D	152.72
Adjusted 1 <sup>st</sup> release	E=C-D	26.83 ✓
2 <sup>nd</sup> release @50% of Center's share	F=0.2*B	179.55

New 10/6/2020