

No. 4-1(26)/2019-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 28th June, 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 Bhadra Tiger Reserve, Karnataka 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 Bhadra Tiger Reserve, Karnataka at the cost of **Rs. 1149.54 Lakhs (Rupees One thousand One hundred Forty Nine lakhs Fifty Four thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 1046.10 Lakhs (Rupees One thousand Forty Six lakhs Ten thousand only)** being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India and Government of Karnataka**. 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 Karnataka.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 340.23 lakhs (Rupees Three hundred Forty lakhs Twenty Three thousand only)** as the 1st installment of Central Share towards the Grants-in-aid to Government of Karnataka 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 **Bhadra 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 Karnataka** 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 **Bhadra 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 Karnataka in respect of **Bhadra Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2020.
- (x) **Bhadra 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 Karnataka** 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 Karnataka** to the **Govt. of India**.
- (xiii) Government of Karnataka in respect of **Bhadra 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 **Bhadra 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 (**Bhadra Tiger Reserve**) and **Government of Karnataka**.
- (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 Karnataka 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 Karnataka 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)	314.72
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	25.51
Total		340.23

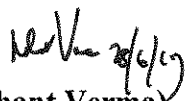
9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 123859/AS&FA (PG) dated 26.06.2019.

Yours faithfully,


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

Copy to:-

1. The Secretary (Forests), Govt. of Karnataka. 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 Karnataka.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Karnataka.
4. The Field Director, Bhadra Tiger Reserve, Karnataka.
5. The Accountant General, Karnataka.
6. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
7. IG/AIG, NTCA Regional Office, Bengaluru.
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)

**BHADRA TIGER RESERVE, KARNATAKA
ANNUAL PLAN OF OPERATION 2019-20**

Annexure

Item of works	Para No	CSS PT Guidelines	TCP	Previous financial year				Current financial year				Justification	
				Physical Target	Physical Achievement	Financial Target	Financial Achievement	Physical Target	Physical Target	Unit cost (in Lakhs)	Financial Target (in Lakhs)		
A. NON-RECURRING(Core)													
Construction of culverts													
Construction of Culverts	16.2.1		7.3.2	1 No	1 No	1,000	1,000	N 13° 37' 23.1" E 075° 42' 03.2"	1 No	1.50	1.50	Bhadra Tiger Reserve is drained by many streams which are cut across by 178 kms protection road network. In hallas and nala position of these roads construction of culverts needs for protection, perambulation and patrolling works through out the year to make use of these roads hence construction of culverts are essential and also it is essential for Strengthening the physical assets like the road network for effective and timely response to the emergency situations and the overall protection of the tiger reserve.	
				1 No	1 No	1,000	1,000	N 13° 39' 46.7" E 075° 42' 25.1"	1 No	1.50	1.50		
				1 No	1 No	1,000	1,000						
				1 No	1 No	1,000	1,000						
				1 No	1 No	1,000	1,000	N 13° 35' 17.8" E 075° 36' 32.9"	1 No	1.50	1.50		
				1 No	1 No	1,000	1,000	N 13° 35' 53.2" E 075° 37' 18.4"	1 No	1.50	1.50		
				1 No	1 No	1,000	1,000						
				1 No	1 No	1,000	1,000						
				1 No	1 No	1,000	1,000	N 13° 27' 05.93" E 075° 38' 57.14"	1 No	1.50	1.50		
				1 No	1 No	1,000	1,000	N 13° 27' 17.32" E 075° 39' 20.15"	1 No	1.50	1.50		
				1 No	1 No	1,000	1,000	N 13° 30' 53.01" E 75° 34' 45.73"	1 No	1.50	1.50		
				1 No	1 No	1,000	1,000	N 13° 51' 72.05" E 75° 57' 72.52"	1 No	1.50	1.50		
Construction of Causeway													
Construction of causeway	16.2.1		7.3.2	-	-	-	-	N 13° 35' 45.4" E 075° 44' 23.9"	1 No	2.00	2.00	Bhadra Tiger Reserve having 178 kms protection road network. In hallas and nala position of these roads construction of causeway needs for protection, perambulation and patrolling works through out the year to make use of these roads hence construction of causeway are essential and also it is essential for Strengthening the physical assets like the road network for effective and timely response to the emergency situations and the overall protection of the tiger reserve.	

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										1 No	2.00	2.00	
										1 No	2.00	2.00	
										1 No	3.00	3.00	
										1 No	3.00	3.00	
Construction of Check dam													
Construction of Check dam	16.2.5	7.3.2	-	-	-	-	-	-	-				
										1 No	3.00	3.00	
										1 No	4.00	4.00	
										1 No	4.00	4.00	
Drilling of Bore well													
Drilling of Bore well & installing solar pumpset & pipe line	16.22	7.3.2	-	-	-	-	-	-	-	1 No	LS	8.00	
										1 No	LS	4.00	
										1 No	LS	4.00	
Drilling of Bore well & installing pumpset & pipe line										1 No	LS	4.00	
HUMAN RESOURCE DEVELOPMENT													
BTR Director Office Staff:													
Project Allowance to different category of staff from 1-4-2019 to 31-3-2020=12 Months													
i. Director @ Rs.2000/month	16.15.1	8.4.1	1	1	1	1	1	0.240	0.240	1	2000/Month	0.24	
As per the NTCA guideline, Annexure-IX (19), (vide Article-9.01 (XXIV)- F. No. 3-1/2003 P.T. - February 2008 of the Govt of India, Ministry of Environment & Forests NTCA, officials & Staffs working in the project Tiger eligible for the Project allowance. 22 daily wage employees were engaged in protection activities in Bhadra Tiger Reserve since about 20 years are regularized recently by the Government of Karnataka. Hence request you to provide Project allowance from 01-04-2019 to 31-03-2020. Further in this Tiger Reserve presently 94 staffs of different categories are working, out of sanctioned 155 posts. Coming days/middle of the financial year vacant posts may be filled by the government. Hence we are proposed over all sanctioned posts of 155 numbers.													
ii. Assistant Director 2 Nos. @ Rs.1300/month			2	2	2	2	0.312	0.312	0.312	2	1300/month	0.31	
iii. Range Forest Officers 4 Nos. @ Rs. 1000/month			4	4	4	4	0.480	0.480	0.480	4	1000/month	0.48	

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iv. Forester 18 Nos. @ Rs.900/month			17	17	1.836	1.836	-	18	900/month	1.94	
v. Forest Guards 38 Nos. @ Rs. 700/month			38	38	3.192	3.192	-	38	700/Month	3.19	
vi. Forest watchers 52 Nos. @ Rs. 700/month			52	52	4.368	4.368	-	52	700/Month	4.37	
vii. Drivers 3 No. @ Rs. 700/month			3	3	0.252	0.252	-	3	700/Month	0.25	
viii. Care Taker 2 No. @ Rs. 700/- month			2	2	0.168	0.168	-	2	700/Month	0.17	
ix. Ane Mavutha 1 No. @ Rs. 700/- month			1	1	0.084	0.084	-	1	700/Month	0.08	
i. Superintendent 2 No. @ Rs. 700/month			1	1	0.084	0.084	-	2	700/Month	0.17	
ii. FDA 5 No. @ 700/- month			3	3	0.252	0.252	-	5	700/Month	0.42	
iii. SDA 2 No. @ 700/- month			2	2	0.168	0.168	-	2	700/Month	0.17	
iv. Typist 1 No. @ 700/- month			1	1	0.084	0.084	-	1	700/Month	0.08	
v. Peon 2 No. @ Rs. 400/- PM			1	1	0.048	0.048	-	2	400/Month	0.10	
vi. Regularised Daily wage employees of BTR unit 22 Nos @ Rs. 400/- month			24	24	1.056	1.056	-	22	400/Month	1.06	
Ration allowance @860/- PM to filed staff working on regular pay rolls from 1-4-2019 to 31- 3-2020=12 Months											As per the Notification of Government of India (NTCA), New Delhi. No. 15-31/2012, dttd 08-06-2014. Ration allowance is to be provided to the front line staff from 01-04- 2019 to 31-03-2020 (114 Nos x 860/person/month x 12 Months=11.77 lakhs). Further in this Tiger Reserve presently 57 staffs of different categories are working, out of sanctioned 114 posts. Coming days/middle of the financial year vacant posts may be filled by the government. Hence we are proposed over all sanctioned posts of 114 numbers.
i). DRFOs - 18	16,16.1	8.4.1	17	17	1.754	1.754	-	18	860/pm	1.86	
ii). Forest Guards - 38			38	38	3.922	3.922	-	38	860/pm	3.92	
iii). Forest watchers - 52			52	52	5.366	5.366	-	52	860/pm	5.37	
iv). Drivers - 3			3	3	0.310	0.310	-	3	860/pm	0.31	

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v). Care Taker - 2		2	2	0.206	0.206	0.206	2	860/pm	0.21
vi). Ane Mavuth - 1		1	1	0.104	0.104	0.104	1	860/pm	0.10
Procurement of Hardware/software/manpower, training, GPS, etc.,									
Phase-IV monitoring of tiger source population (4.2)									
Field work cost on laying out of transect, 8 days protocol, logistics and reporting	16.7.1	7.3.11	LS	2.000	2.000	2.000	LS	LS	1.00
Implementation of M-STRIPES in Bhadra Tiger Reserve including providing the new version laptops & android mobile phones.	16.7.1	7.3.9	LS	2.000	2.000	2.000	60 LS	Rs. 9000 LS	5.40
Award and incentive to the field staff & director office staffs, who are operating the M-STRIPES data of the Tiger reserve through the mobile phones every day.	16.7.1	7.3.9	-	-	-	-	33 Nos	12000/each	2.00
Construction of New Fire Watch towers.									
Construction of New Fire Watch towers.	16.2.15	7.3.1	1 No	7.000	7.000	7.000	1 No	10.00	10.00
			1 No	7.000	7.000	7.000	-	-	-
Total of Non-Recurring (Core)				49.286					94.20
NON-RECURRING(Buffer)									
Conducting capacity building training programmes to field staff and officials.	16.8.1	8.4	-	-	-	-	LS	LS	2.00
Conducting Tiger censuses and camera trap training programmes to field staff and officials.	16.7.1	7.3.11	-	-	-	-	LS	LS	1.44
Procurement of Mobile Phones for implementation of M-STRIPES Technology	16.7.1	7.3.9	-	-	-	-	20 Nos	9000/each	1.80

These APCs are very old and lack certain basic facilities like the drinking water supply, toilet, solar lighting system etc., hence it is proposed to renovate / upgrade / undertake special repairs / additional basic facilities.

16.1	7.1.1	39 Nos	9,750	9,750	39 Nos	LS	5.85
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Maintenance of AP camps by providing the essential materials & articles like utensils, chair, blankets, water filter, water drums, cookers, sintex, torches, coils, ketties, gas stove, tiffin box, field bags, storewell etc.							
Muthodi Range: 07 Nos	1. Kesave-N:13'28'59.3"	E:75'37'35.9"	2. Uddinakatte-N:13'27'57.3"	E:75'36'01.6"	3. Hiple-N:13'27'57.3"	E:75'36'58.0"	4. Kaske-N:13'27'57.3"
	E:75'12'35.1"	5. Karanji-N:13'27'57.3"	E:75'41'30.6"	6. Madalodu-N:13'27'57.3"	E:75'41'59.4"	7. K.K.Mata-N:13'27'57.3"	E:75'35'51.8"
Hebbe Range: 09 Nos	8. Kodi-N:13'27'56.0"	E:75'32'10.8"	9. Thegarajudda-N:13'20'0.72"	E:75'32'28.0"	10. Somavahini-N:13'29'42.6"	E:75'35'05.5"	11. Konikalmane-N:13'28'51.3"
	E:75'35'38.2"	12. Hebbe-N:13'32'01.1"	13. Kalkove-N:13'33'13.7"	E:75'34'54.8"	14. Meduguni-N:13'23'33.5"	E:75'29'10.8"	15. Bogase-N:13'24'04.1"
	E:75'34'32.0"	16. Khandya checking gate N: 13'23'15.4"	E: 075'31'22.3"	Lakkavalli Range: 14 Nos	17. Aldara-N:13'39'58.3"	E:75'40'27.2"	18. Siddiri-N:13'39'66.0"
	E:75'42'19.9"	19. Chowdikatte-N:13'36'52.8"	E:75'39'04.3"	20. Kundur-N:13'34'37.7"	E:75'35'47.1"	21. N.H-N:13'33'40.0"	E:75'38'38.7"
	E:75'39'69.0"	22. U.B.halli-N:13'40'89.8"	E:75'39'69.0"	23. Tadasa-N:13'37'51.9"	E:75'34'28.2"	24. Saave-N:13'36'13.3"	E:75'34'58.0"
	E:75'37'42.0"	25. Sukalahatti-N:13'40'12.8"	E:75'35'34.3"	26. Jenuhalla-N:13'45'35.3"	E:75'36'09.0"	27. Tammadihalla-N:13'43'15.1"	E:75'37'42.0"
	E:75'33'58.6"	28. Hosalli-N:13'44'29.6"	E:75'33'58.6"	29. Byrekhatti-N:13'45'21.3"	E:75'37'42.0"	30. Lingapura-N:13'44'21.5"	E:75'32'25.8"

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Tantigebyle Range: 09 Nos										
									31. Lalbhag - N:133547.3° E:754428.1° 32. Kemmanungundi- N:133640.5° E:754440.3° 33. G.B. Halli- N:133444.5° E:754152.8° 34. Chaninkere- N:133456.1° E:754022.6° 35. Kesaratihalli- N:133745.0° E:754405.6° 36. Godkalmath- N:133948.0° E:754225.0° 37. Shantaveni - N:133331.7° E:754458.0° 38. Saldana - N:133154.2° E:754654.4° 39. Virupaksha Khan- N:13° 30' 09.9" E-75° 44' 11.4"	
Maintenance of patrolling vehicles	-	-	-	-	-	-	-	-	-	Totally 35 Protection vehicles in this reserve. It is necessary for day to day and night patrolling by the Director and below rank field staffs. For this reason requirement of fuel and vehicle repairs is quite natural. Hence, this is proposed for the interest of this Tiger reserve.
i) Fuel Charges	16.2	10.2.4	LS	LS	10,000	10,000	LS	LS	10,000	
ii) Repairs	16.2		LS	LS	5,000	5,000	LS	LS	8,000	
Boats maintenance										Totally 2 Protection duty boats in this reserve. It is necessary for day to day and night patrolling by the Director and below rank field staffs. For this reason requirement of fuel and boat repairs is quite natural. Hence, this is proposed for the interest of this Tiger reserve.
Fuel and Repairs	16.2	10.2.3	LS	LS	3,000	3,000	LS	LS	4,000	
Maintenance of wireless network										Regular maintenance and Repair works required to up keep the wireless network round the clock for day to day protection works and also for procurement of new walkie talkies is very much essential.
Maintenance of wireless network	16.2	10.2.5	LS	LS	2,538	2,538	LS	LS	5,50	
Strengthening of existing Solar Power lighting systems.	-	-	-	-	-	-	-	-	-	The existing Solar Power lighting system in APC is very old and not repairable, hence it is need of replacement.
Provision of Solar Panels to Strengthening of existing Solar Power lighting systems.	16.2	7.1.1	LS	LS	2,000	2,000	LS	LS	4,00	

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Habitat improvement	16.3	7.3.2	1 No	1 No	1 No	2,000	2,000	N-130 35' 31.3" E-0750 42' 46.7"	1 No	1.50	To increase the water holding capacity of the existing tanks / water bottles in the reserve.
			1 No	1 No	1 No	2,000	2,000	N-130 37' 23.9" E-0750 41' 05.5"	1 No	1.50	
			1 No	1 No	1 No	2,000	2,000	N-130 37' 16.1" E-0750 42' 26.5"	1 No	1.00	
			1 No	1 No	1 No	2,000	2,000	N-130 39' 01.7" E-0750 42' 27.5"	1 No	1.00	
			1 No	1 No	1 No	2,000	2,000	N-130 35' 46.0" E-0750 43' 00.4"	1 No	1.00	
			1 No	1 No	1 No	1,707	1,707	N-130 36' 03.8" E-0750 42' 35.8"	1 No	2.00	
			1 No	1 No	1 No	1,500	1,500	N-130 36' 36.1" E-0750 40' 35.5"	1 No	2.00	
			1 No	1 No	1 No	1,500	1,500	N-130 35' 40.9" E-0750 41' 10.9"	1 No	2.00	
			1 No	1 No	1 No	0,750	0,750	N-130 36' 11.1" E-0750 40' 25.9"	1 No	2.00	
			-	-	-	-	-	N-130 36' 21.2" E-0750 40' 25.9"	1 No	2.00	
			1 No	1 No	1 No	2,000	2,000	N-13' 27' 11.48" E-075 39' 18.05"	1 No	4.00	To increase the water holding capacity of the existing tanks in the reserve.
			1 No	1 No	1 No	3,500	3,500	N-13' 28' 14.38" E-075 38' 28.86"	1 No	4.00	
			1 No	1 No	1 No	3,500	3,500	N-13' 29' 28.89" E-075 37' 52.61"	1 No	4.00	
			1 No	1 No	1 No	3,500	3,500	N-13' 26' 13.38" E-075 38' 49.22"	1 No	4.00	
			1 No	1 No	1 No	3,000	3,000	N-13' 28' 09.47" E-075 36' 02.35"	1 No	4.00	
			1 No	1 No	1 No	2,500	2,500	-	-	-	
			1 No	1 No	1 No	5,000	5,000	-	-	-	
Habitat improvement - Maintenance of swamps (Hadlus) (Fodder plots)											
Eradication of weeds such as eupatorium & lantana.	16.3	7.3.3									This area is available after relocation of the families residing earlier in the core critical tiger habitat. On yearly basis, the area is to be kept free from the weeds. Presently the area is covered with tight growth of lantana/eupatorium. This area is to be de-weeded on yearly basis to check further spread & increase in density of lantana/eupatorium.
Maintenance of roads											

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Maintenance of roads	16.22	7.1.1								N 13° 36' 05.8" E 075° 44' 29.0" N 13° 37' 26.3" E 075° 44' 18.9"	4 kms	0.500/ Kms	2.00	The Bhadra Tiger Reserve having an area of 500 Sq. Kms including buffer area. Regular vehicular perambulation is being done. Hence, Maintenance and improvement works to existing protection roads is essential for day and night vehicle perambulation works and it will be helpful to easy movement of protection vehicles. The rates sanctioned by the PWD for the year 2018-19 has been adopted and also the unit cost claimed is as per the previous year sanction.
										N 13° 35' 42.4" E 075° 40' 07.8" N 13° 34' 30.4" E 075° 40' 09.5" N 13° 35' 37.5" E 075° 43' 09.8" N 13° 37' 14.5" E 075° 44' 21.1" N 13° 37' 14.5" E 075° 44' 21.1" N 13° 35' 38.64" E 075° 43' 09.8" N 13° 37' 14.5" E 075° 44' 21.1" N 13° 39' 46.7" E 075° 42' 25.1" N 13° 36' 53.5" E 075° 43' 19.1" N 13° 36' 45.4" E 075° 44' 23.9" N 13° 36' 53.2" E 075° 44' 31.8" N 13° 44' 42.8" E 075° 32' 56.9" N 13° 44' 23.0" E 075° 32' 35.1" N 13° 36' 48.00" E 075° 39' 02.94" N 13° 36' 22.80" E 075° 39' 14.58" N 13° 38' 57.80" E 075° 40' 44.24" N 13° 38' 21.32" E 075° 40' 53.43" N 13° 38' 21.32" E 075° 40' 53.43" N 13° 36' 51.48" E 075° 40' 36.21" N 13° 39' 33.39" E 075° 42' 11.10" N 13° 34' 808" E 075° 36' 281" N 13° 33' 698" E 075° 36' 999"	5 kms 2 kms 3 kms 3 kms 5 kms 4 kms 2 kms 3.5 kms 3.5 kms 7 kms 4 kms 10 kms	0.500/ Kms 0.500/ Kms 0.500/ Kms 0.500/ Kms 0.500/ Kms 0.500/ Kms 0.500/ Kms 0.500/ Kms 0.500/ Kms 0.500/ Kms 0.500/ Kms 0.500/ Kms	2.50 1.00 1.50 1.50 2.50 3.95 1.00 1.75 1.75 3.50 2.00 5.00	
Maintenance of roads	16.22	7.1.1								N 13° 38' 47.46" E 075° 35' 34.81" N 13° 38' 05.53" E 075° 38' 11.70"	7 kms	0.500/ Kms	3.50	The Bhadra Tiger Reserve having an area of 500 Sq. Kms including buffer area. Regular vehicular perambulation is being done. Hence, Maintenance and improvement works to existing protection roads is essential for day and night vehicle perambulation works and it will be helpful to easy movement of protection vehicles. The rates sanctioned by the PWD for the year 2018-19 has been adopted and also the unit cost claimed is as per the previous year sanction.
										N 13° 39' 50.20" E 075° 41' 10.06" N 13° 38' 57.80" E 075° 40' 44.24" N 13° 40' 13.41" E 075° 39' 47.44" N 13° 40' 21.03" E 075° 38' 48.98" N 13° 39' 18.20" E 075° 36' 09.27" N 13° 40' 10.56" E 075° 35' 34.76" N 13° 39' 10.84" E 075° 38' 03.66"	2 kms 2 kms 2 kms 2 kms 2 kms 2 kms	0.500/ Kms 0.500/ Kms 0.500/ Kms 0.500/ Kms 0.500/ Kms 0.500/ Kms	1.00 1.00 1.00 1.00 1.00 1.00	

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<p>Deployment of local work force of 4 members for each APCs from 1-4-2019 to 31-3-2020=12 months x 39 Camps x 4 persons engaged through outsource on contract basis including VDA, PF, ESI, Service charge</p>	<p>16.1</p>	<p>16.1</p>	<p>N:13°29'42.6" E:75°35'05.5" 11. Konkaimane- N:13°28'51.3" E:75°35'38.2" 12. Hebbe- N:13°32'01.1" E:75°33'53.8" 13. Kalkove- N:13°33'13.7" E:75°34'54.8" 14. Maduguni- N:13°23'33.5" E:75°29'10.8" 15. Boqase- N:13°24'04.1" E:75°34'32.0" 16. Khandya checking gate N: 13 23' 15.4" E: 075 31' 22.3"</p> <p>Lakkavalli Range : 14 Nos 17. Aldara- N:13°39'58.3" E:75°40'27.2" 18. Siddir- N:13°39'66.0" E:75°42'19.9" 19. Chowdikatte- N:13°36'52.8" E:75°39'04.3" 20. Kundlur- N:13°34'37.7" E:75°35'47.1" 21. N.H.N-13°33'40.0" E:75°38'38.7" 22. U.B.hall- N:13°40'89.8" E:75°39'69.0" 23. Tadasa- N:13°37'51.9" E:75°34'28.2" 24. Saave- N:13°36'13.3" E:75°34'58.0" 25. Sukalahatti- N:13°40'12.8" E:75°35'34.3" 26. Jemuhalla- N:13°45'35.3" E:75°36'09.0" 27. Tammathihalla- N:13°43'15.1" E:75°37'42.0" 28. Hosalli- N:13°44'29.6" E:75°33'58.6" 29. Byrekhan- N:13°45'21.3" E:75°37'42.0" 30. Lingapura- N:13° 44' 21.5" E:75° 32' 25.8" Tanjavur Range: 09 Nos 31. Laibhag- N:13°35'47.3" E:75°44'28.1" 32. Kemmanugundi- N:13°36'40.5" E:75°44'40.3" 33. G.B.Halli- N:13°34'44.5" E:75°41'52.8" 34. Channikere- N:13°34'56.1" E:75°40'22.6" 35. Kesarahalla- N:13°37'45.0" E:75°44'05.6" 36. Godkalmathi- N:13°39'48.0" E:75°42'25.0" 37. Shantaveri - N:13°33'31.7" E:75°44'58.0" 38. Saldana - N:13°31'54.2" E:75°46'54.4" 39. Virupaksha khan- N:13° 30' 09.9" E:75° 44' 11.4"</p>	<p>4 Watchers for each of the APCs for effective patrolling/Protection. From 1-4-2019 to 31-3-2020=366 Days x 39 Camps x 4 persons engaged through outsource on contract basis including VDA, PF, ESI, Service charge</p>
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River Patrolling in Boats											
Deployment of boat driver & 3 assistances for each river patrolling unit from 01.04.2019 to 31.03.2020= persons engaged through outsource on contract basis including VDA, PF, ESI, GST & Service charges.	16.1	7.3.3	2 Teams	2 Teams	15.437	15.437	1. Hebbe- N:133201.1" E:753353.8" 2. Saave- N:133613.3" E:753458.0"	8 Nos	LS	16.05	Boat driver & 3 assistances for each of the Boat patrolling team is required for effective patrolling of the river & the Back water of the Bhadra Reservoir. From: 01.04.2019 to 31.03.2020= 366 days persons engaged through outsource (KEONICS) on contract basis including VDA, PF, ESI, GST & Service charges.
Deployment of protection vehicle drivers From 01-04-2019 to 31-03-2020 =persons engaged through outsource on contract basis including VDA, PF, ESI, GST & Service charge.	16.1	7.3.3	15 Nos	15 Nos	30.202	30.202		15 Nos	LS	30.95	As there are 15 protection Vehicles, 15 Drivers are required for effective patrolling. From 01-04-2019 to 31-03-2020=366 days persons engaged through outsource (KEONICS) on contract basis including VDA, PF, ESI, GST & Service charges.
Fire Protection points (FPP) Deployment of local fire watchers of 5 members for each fire protection camps From 1-4-2019 to 31-05-2019 and 01-01-2020 to 31-03-2020=152 days* 5 Nos*52 camps * 402.72/day=159.155 lakhs. (including food charges Rs.75/day/ person)	16.2.6	7.3.1	52 Teams	52 Teams	137.226	137.226		52 Teams	LS	159.16	52 Teams consisting of 5 watchers are to be deployed through the length and breadth of the core area for effective fire control. From 1-4-2019 to 31-05-2019 and 01-01-2020 to 31-03-2020=152 days* 5 Nos*52 camps * 402.72/day=159.155 lakhs. (including food charges @ Rs./5/day/person)
Fire Protection points (Buffer Area) Deployment of local fire watchers of 5 members for each fire protection camps From 1-4-2019 to 31-05-2019 and 01-01-2020 to 31-03-2020=152 days* 5 Nos*10 camps * 402.72/day=30.606 lakhs. (including food charges Rs.75/day /person)	16.2.6	7.3.1	10 camps	10 camps	26.389	26.389		10 camps	402.72/day	30.61	10 Teams consisting of 5 watchers are to be deployed through the length and breadth of the buffer area for effective fire control. From 1-4-2019 to 31-05-2019 and 01-01-2020 to 31-03-2020=152 days* 5 Nos*10 camps * 402.72/day=30.606 lakhs. (including food charges @ Rs.75/day/person)

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Hiring of Jeeps for Fire Patrolling and protection	16.2.6	7.3.1	4 Nos	4 Nos	8.220	8.220	-	4 Nos	1500/day	9.12	The hiring of vehicles during the fire season is very much essential to transport the ferry people and other fire controlling materials to combat fire in the vast expanse of the tiger reserve.
Protection from Fire:											
Fireline clearance (in Kms)											
i) Along sanctuary roads	16.2.6	7.3.1	461 kms	461 kms	24.425	24.425	-	461 kms	5933.99/kms	27.36	It is required for effective control of fire incidences in the Tiger Reserve. Maintenance of existing fire lines is a essential to control and prevent the forest fires during summer season. The sanctioned Rate by the PCCF (HoFF), Bangalore vide letter No. B1/BUD/CR-32/2018-19 dated 03-04-2019 has been adopted for maintenance of existing fire lines.
ii) Along patrolling paths			498 kms	498 kms	9.423	9.423	-	498 kms	2119.19/kms	10.55	
iii) Along Sanctuary boundary			307 kms	307 kms	16.266	16.266	-	307 kms	5933.99/kms	18.22	
iv) Maintenance of fire lines in internal roads for two times.			39 kms	39 kms	6.244	6.244	-	78 kms	8190.64/kms	6.39	
			36 kms	36 kms	5.763	5.763	-	72 kms	8190.64/kms	5.90	
Other Protection watchers and daily wages											
Wages of wireless operators, gate operators, watchmen, cooks, Data entry operators, etc., from 01.04.2019 to 31.03.2020=366 Days											
Data entry operator -	16.1	7.3.3	7 Nos	7 Nos	14.681	14.681	-	7 Nos	LS	15.24	This human resource is essential for the effective management of the entire Tiger Reserve. From 1-4-2019 to 31-3-2020=366 Day spersons engaged through outsource (KEONICS) on contract basis including VDA, PF, ESI, GST & Service charges.
Literate Assistant	16.1	7.3.3	4 Nos	4 Nos	8.389	8.389	-	4 Nos	LS	8.71	
Wireless Operator	16.1	7.3.3	9 Nos	9 Nos	18.121	18.121	-	9 Nos	LS	18.83	
Peons	16.1	7.3.3	5 Nos	5 Nos	9.648	9.648	-	5 Nos	LS	10.03	
Day/Night Watchers	16.1	7.3.3	6 Nos	6 Nos	11.578	11.578	-	6 Nos	LS	12.04	
Cooks Assistant	16.1	7.3.3	3 Nos	3 Nos	5.789	5.789	-	3 Nos	LS	6.02	
Gate Watchers	16.1	7.3.3	10 Nos	10 Nos	19.297	19.297	-	10 Nos	LS	20.06	

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Sanctuary Gate Watchers	16.1	7.3.3	2 Nos	2 Nos	3.859	3.859		4 Nos	LS	8.03	
Repair & Maintenance of culverts, causeways, bridges etc.											
Maintenance of Culverts	16.2.1	7.1.1	-	-	-	-	N:130 36' 11.1" E:075 40' 25.9" N:130 44' 12.08" E:075 32'24.52"	1 No 1 No	0.75 0.50	0.75 0.50	Bhadra Tiger Reserve having 178 kms protection road network. In halla's and nala position of these roads maintenance of culverts needs for protection, perambulation and patrolling works through out the year to make use of these roads hence maintenance of culverts are essential and also it is essential for Strengthening the physical assets like the road network for effective and timely response to the emergency situations and the overall protection of the tiger reserve.
Maintenance of causeway	16.2.1	7.1.1	-	-	-	-	N:130 35' 41.2" E:075 43' 04.5"	1 No	1.00	1.00	To improve / maintain the road network for ease of accessibility to ensure effective perambulation.
Maintenance of causeway	16.2.1	7.1.1	-	-	-	-	N:130 30' 53.5" E:075 33' 03.8" N:130 29' 08.3" E:075 31' 45.8"	1 No 1 No	1.00 1.00	1.00 1.00	
Maintenance of causeway	16.2.1	7.1.1	-	-	-	-	N:13' 35' 59.3" E:075 37' 79.4"	1 No	1.00	1.00	
Maintenance of causeway	16.2.5	7.1.1	-	-	-	-	N:13' 34' 49.8" E:075 38' 06.9" N:13' 28' 06.87" E:075 38' 29.68"	1 No 1 No	1.00 2.50	1.00 2.50	Presently this position of the Tiger Reserve is not covered by the presence of the fire watch towers & is surrounded by the villages. To keep a vigil on 24 hours basis it is proposed to maintain the fire watch towers at vantage points is needed.
Maintenance of watch tower	16.2.4	7.3.1	-	-	-	-	N:13' 27' 49.8" E:075 38' 57.5" N:13' 34' 04.03" E:075 38' 27.00" N:13' 34' 56.1" E:75 40' 22.6" N:13' 37' 45.0" E:75 44' 05.6"	1 No 1 No 1 No 1 No	1.00 1.00 0.50 0.50	1.00 1.00 0.50 0.50	To supply hygienic drinking water to the APC's from nearest potable water sources by laying of PVC pipelines and pumps.
Maintenance of watch tower	16.2.1	7.3.2	1 No	1 No	1.000	1.000	N:13 35' 14.71" E:075 45' 06.88"	1 No	1.00	1.00	

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Sacks, Leather belt & Caps etc.																				
Leach sacks (2 sets)																				
Insurance facilities																				
Essential to Front line permanent staffs including permanent/Kshemabrudhi/Outsource employees except AP watchers.																				
Warm cloths	16.16	7.3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rain Coats																				
Uniforms, Shoes, Sacks, Leather belt & Caps etc.																				
Leach sacks (2 sets)																				
Insurance facilities																				
Maintenance of safari road	16.17	7.1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Formation of concrete bed both side of the tadabehalia stream (Tiger road) in Muthodi range.	16.2.2	7.3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction of both side stone wall at main gates of sanctuary in Muthodi range.	16.11	7.2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance of forest guest house & nature camp structures	16.8	7.2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total of Recurring (Core)																				

Not
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Recurring (Buffer)																				
Awareness Generation																				
Celebration of Wildlife week Printing calendars, brochures/ pamphlet etc. during wildlife week	16.8	7.7.1	LS	LS	4,000	4,000														Publicity and propaganda activities to increase the awareness and the importance of conserving the wildlife and the nature in school/college students & Publics.
OFFICE EXPENDITURE																				
Electricity charges, Phone charges, Stationery & other office equipments to the director office & ranges.	16.2.1	9.5	LS	LS	3,000	3,000														Maintenance of Director & RFO Offices.
Weapon training to staff																				
Servicing of arms and ammunition and weapons training to field staff (through Police Department)	16.1.10	4.5	LS	LS	-	-														Training is required for capacity building for the front line staffs.
Staff Development																				
Exposure visits of Officers/officials to visit the other Tiger Reserves in the country.	16.8.5	-	LS	LS	1,000	1,000														Exposure trips for the frontline staff to improve their knowledge & understanding of the conservation / protection efforts in the other tiger reserves of the other states.
Staff welfare																				
Conducting Health checkup camps for the EDCs	16.16	8.2	LS	LS	1,500	1,500														Implementing the Eco-development activities
Award and Incentive to the villagers																				
Award and Incentive to the villagers contribute to protection and information	16.1.12	8.5.1	LS	LS	1,000	1,000														Implementing the Eco-development activities

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Fostering Eco-tourism in Tiger Reserves										Implementing the Eco-development activities	
Engaging one Naturalist for 365 days	16.7	4.4.3	1 No	1 No	4,800	4,800	-	1 No	4,800	4,800	
Engaging one Guide for 365 days			1 No	1 No	2,400	2,400	-	1 No	2,400	2,400	
Total of Recurring (Buffer)					17,70	17,70			22,70		
Total Recurring (Core) & (Buffer)					761.43	761.43			1046.10		
Total Amount					810,7158	810,7158			1149.54		

(Rs. In Lakhs)

S. No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	103.44	62.06
2.	Recurring (50%)	1046.10	523.05
	Total	1149.54	585.11

(Rs. In Lakhs)

Cost of APO including State's share	A	1149.54
Center's share in APO	B	585.11
1 st release @ 80% of Center's share	C=0.8*B	468.08
Less: Unspent balance FY 2018-19	D	127.849
Adjusted 1 st release	E=C-D	340.23
2 nd release @ 20% of Center's share	F=0.2*B	117.02

* 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.

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