

No. 4-1(12)/2018-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 4th July, 2018

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 Nagarhole Tiger Reserve, Karnataka during 2018-19 -reg.**

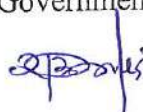
Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Nagarhole Tiger Reserve, Karnataka at the cost of **Rs. 808.72 Lakhs (Rupees Eight hundred Eight lakhs Seventy Two thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 674.86 Lakhs (Rupees Six hundred Seventy Four lakhs Eighty Six 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.

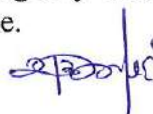
2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 331.486 lakhs (Rupees Three hundred Thirty One lakhs Forty Eight thousand Six hundred only)** as the 1st installment of Central Share towards the Grants-in-aid to Government of Karnataka during the current financial year 2018-19. 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 **Nagarhole Tiger Reserve** under the Project Tiger Scheme are not higher than those applicable to similar categories of employees of Central Government and where it is not in accordance with above,



- the relaxation of Ministry of Finance have been obtained for such discrepancies as required under GFR 230(12)(I).
- (iv) Assets acquired wholly or substantially out of Government Grants shall not be disposed off without obtaining the prior approval of the sanctioning authority of Grants-in-aid.
 - (v) The **Government of 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 **Nagarahole 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, 1972 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, 1972 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 **Nagarahole Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2019.
 - (x) **Nagarahole 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 2018-19 and unspent balance, if any, will be refunded by **Government of Karnataka** to the **Govt. of India**.
 - (xiii) Government of Karnataka in respect of **Nagarahole 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 **Nagarahole 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 (**Nagarahole 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) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.



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

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.

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 involved will be met from within the Sanctioned Budget Grants of Centrally Sponsored Project Tiger Scheme under Demand No. 27, Ministry of Environment, Forest and Climate



Change, Major Head 3601 – Grants-in-aid to the State Governments, 3601.06 – Centrally Sponsored Schemes (Sub Major Head), 3601.06.101- Central Assistance/Share (Minor Head), 3601.06.101.02- Integrated Development of Wildlife Habitats (Sub-Head), 02.01-Project Tiger (Detailed Head), 3601.06.101.02.01.31- Grants-in-aid General for the year 2018-19 (Plan).

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 109260/AS&FA (PG) dated 2.7.2018.

Yours faithfully,



(Raja Ram Singh)

Assistant Inspector General of Forests, NTCA

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 2018-19 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, Nagarahole Tiger Reserve, Karnataka.
5. The Accountant General, Karnataka.
6. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
7. The AIG, NTCA Regional Office, Bangalore.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.



(Raja Ram Singh)

Assistant Inspector General of Forests, NTCA

NAGARAHOLE TIGER RESERVE, KARNATAKAANNUAL PLAN OF OPERATION 2018-19

Non-Recurring (Core + Buffer)

Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY	Current Financial Year			Total (Financial Target) (Rs. in lakhs)	GPS	Justification
					No. of Items (Physical Target)	Sub-item Details	Unit Price (Rs.)			
Strengthening	Buffer Area: Upgradation of road network.	16.2.2	10.3.7	7.6	2.80	2.80 Upgradation of Road Networks for protection works by Track Metalling to the existing roads * 350000.00 = 980000.00	350000.00	9.80	12.25775, 76.08572	Nagarahole TR has very good road network, many Nalas cross roads and during monsoon roads get eroded. It is essential to maintain the roads for effective protection network and it is very much essential for perambulation and patrolling works. 1) Hunsur Range - at Jade Aladamara Road - 1.25 Km 2) Hunsur Range - at Sannagadde to Kootadakada - 0.20 Km 3) Anechowkur Range - Basavanakatte Camp Road - 0.10 Km 4) Anechowkur Range - Boranahadlu starting point - 0.20 Km 5) Anechowkur Range - KML Koli Point No.1 - 0.10 Km 6) Metikuppe Range - near erekatte - 0.25 Km 7) Metikuppe Range - at Ningappana pare - 0.10 Km 8) Metikuppe Range - at Kempadevikatte Jeep road - 0.10 Km 9) D.B.Kuppe Range near Masalebetta APC road - 0.50 Km
Eco-Development	Buffer Area: To carry out prophylactic immunization of cattle in and around Tiger Reserve.	16.10	4.5.1	4.0	1.00	1.00 Creation of immunity belt around Nagarahole Tiger Reserve (Vaccination of cattle or surrounding village) * 400000.00 = 400000.00	400000.00	4.00		Immunization of cattle of surrounding villages are being carried out to prevent disease outbreak.
Anti-Poaching	Core Area: Establishing patrolling camps/chowkis/staff quarters etc.	16.1.3	10.3.3	0.0	1.00	1.00 Establishment of New Anti-Poaching Camps at Hulikatte in Veeranahosahally Range * 1000000.00 = 1000000.00	1000000.00	10.00	12.16067, 76.25486	This Anti-poaching camp are very much essential to be established at the said sensitive locations from the protection point of view of the Reserve.
Strengthening	Core Area: Construction of (patrolling camp, culverts).	16.2.1	10.3.7	0.0	4.00	4.00 Construction of Culverts * 200000.00 = 800000.00	200000.00	8.00	KML file attached	Nagarahole TR has very good road network, many Nalas cross roads and during monsoon roads get eroded. It is essential to have culverts, causeway and small bridges over the nalas on the roads for effective protection network and it is very much essential for perambulation and patrolling works. Rain fall in Nagarahole TR ranges from 900 mm to 1500 mm. Soil moisture conservation works like Check dam/ Causeway cum Check dam will help in reducing the water flow thus act as waterhole for wild animals during lean season and helps in reducing soil erosion. 1) Veeranahosahally

										Range - Haladoddi Hebballa Road-1 No. 2) Kallahalla Range - Nadline near Mathimaradaka - 1 No. 3) Antharasanthe Range - Erethittu -1 No. 4) Antharasanthe Range - Taraka Road - 1 No.
Strengthening	Core Area: Creation of anicuts.	16.2.5	7.2.1.2.4	8.00	2.00	2.00 Construction of Checkdam * 400000.00 = 800000.00	400000.00	8.00	12.12207, 76.17968 11.90742, 76.14119	Rain fall in Nagarahole TR ranges from 900 mm to 1500 mm. Soil moisture conservation works like Check dam/ Causeway cum Check dam will help in reducing the water flow thus act as waterhole for wild animals during lean season and helps in reducing soil erosion. 1) Metikuppe Range at Vastihalla (1 No. x Rs. 4,00,000/-) 2) D.B.Kuppe Range at Kuduresattanahalla (1 No. x Rs. 4,00,000/-)
Strengthening	Core Area: Creation of bridges.	16.2.5	7.2.1.2.4	7.5	1.00	1.00 Construction of Causeway cum Check dam / Causeway/ Bridge * 1400000.00 = 1400000.00	1400000.00	14.00	KML file attached	Nagarahole TR has very good road network, many Nalas cross roads and during monsoon roads get eroded. It is essential to have culverts, causeway and small bridges over the nalas on the roads for effective protection network and it is very much essential for perambulation and patrolling works. Rain fall in Nagarahole TR ranges from 900 mm to 1500 mm. Soil moisture conservation works like Check dam/ Causeway cum Check dam will help in reducing the water flow thus act as waterhole for wild animals during lean season and helps in reducing soil erosion. 1) Veeranhosahally Range - Between Jaladakatte & Chennamakatte Road (1 No. x Rs. 3,50,000/-) 2) Hunsur Range at Thegadamara halla (1 No. x Rs. 3,00,000/-) 3) Anechowkur Range at Ring Road in between Kudumburu Chain gate and Tavarekere (1 No. x Rs. 2,50,000/-) 4) Nagarahole Range at Cheni hadlu (1 No. x Rs. 3,00,000/-) 5) Kallahalla Range near Nadline to Mathimarakada (2 Nos. x Rs. 2,00,000/-).
Strengthening	Core Area: Creation of fire lines and firebreaks.	16.2.6	10.3.6	21.56	96.40	96.40 Creation of fire lines by widening / extending upto 30 to 50 Mtrs of important fire lines / Reserve Forest Fire lines / District Boundary * 11353.35 = 1094462.94	11353.35	10.94	KML file attached	Fire in the Nagarahole Tiger Reserve (NTR) is manmade, deliberately or otherwise. Almost the total are of the NTR is vulnerable for fire except some part in Nagarahole & Kallahalla Ranges. NTR is exposed for fire during the month of February to May. Due to increasing Tiger, Elephant, Human Conflict, Tribal issues associated with development works and Forest Right Act has brought Nagarahole TR is vulnerable for fire. Though the TR has 1989 Km length fire lines, maximum firelines are of having small width which varies from 10 Mtr to 20 Mtr. By widening the existing firelines width to 20 Mtr to upto 50 Mtr depends upon the location might help to reduce the minor fire incidences to become a disaster. Hence, it is proposed

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										to widen the fireline and also to procure fire fighting equipment for the better fire Anechowkur Range - Ayarahosahally to Jodukatte starting point - 3.2 Km x 1 side Sathekere to Hosakere (Billenahosahally) ending point 4.5 Km x 1 side Karekandi road to Beetemarada koodu road ending point 1.7 Km x 1 side Anechowkur Gate to Majjigehalla Farm Gate Fireline 5.0 Km x 1 side Metikuppe Range - Ring road to Kallahalla Border 10.0 Km x 1 Side, Masikatte Jeep Road 3.0 Km x 1 Side, Russell line to Vasthihalla Road 5.0 Km x 1 side, Bidirutalakatte to Kaditala katte 3.0 Km x 1 side, Jodikatte to Siruvalakatte 2.5 Km x 1 side, Karikallu munti Kaludari to Bangarakatte Jeep Road 2.0 Km x 1 side Sonahalli Hadi to Andigere Halla 3.0 Km x side, Jodikatte to Basavanamunti Jeep Road - 2.0 Km Antharasanthe Range - Hasihinalakada road fireline - 5.0 Km x 2 sides & Dammarkatte Gate to Russle line road 5.0 Km x 2 side D.B.Kuppe Range - Kattepale kolli Fireline - 3.6 Km x 1 side Mandaggade fireline 1.5 Km x 1 side, Suthanahalla fireline 7.3 Km x 1 side, Burudekatte fireline 14.1 Km x 1 side
Addressing man animal conflict	Core Area: Creation of crop protection structures. (Solar Power Fence, Chain-Link Fence, Nylonforce)	16.4.1.2	7.2.2.3	6.0	5.00	5.00 Construction of special structure for the safe disposal of water (Nala bund for soil and water conservation) * 250000.00 = 1250000.00	250000.00	12.50	12.14337, 76.25102 12.15717, 76.15553 12.252627, 76.09399 12.21710, 76.11768 11.91478, 76.17225	Nagarahole TR has elephant proof trench (EPT) all along the boundaries, some points of the EPT are having black cotton soil. Due to heavy rain the EPT will collapse, in order to avoid collapse of the EPT and also for the safe passage of rain water it is proposed to have special structure. 1) Veeranahosahally Range at Dattahalla kere (1 No. x Rs. 3,00,000/-) 2) Veeranahosahally Range at Hemagalli Hebballa kere (1 No. x Rs. 3,00,000/-) 3) Hunsur Range at Hebballa (1 No. x Rs. 3,00,000/-) 4) Hunsur Range at B-Colony (1 No. x Rs. 3,00,000/-) 5) D.B.Kuppe Range at Mandagadde kolli (1 No. x Rs. 3,00,000/-)
Addressing man animal conflict	Core Area: Procurement of cages to catch problematic animals.	16.4.1.3	7.2.2.3	3.00	2.00	1.00 Procurement of rescue cages and squeeze cages to capture the problematic animal. * 150000.00 = 150000.00	150000.00	1.50		There is increasing trend of straying of tigers and leopards into human habitation, hence, it is essential to have rescue cages for the safety rescue of wild animals and also to prevent human casualties.
Project Allowance	Core Area: Provision of Project Allowance to staff (all categories) of Project Tiger (providing project allowance to Ministerial staff is a new component) (non recurring). Separate for al	16.15		21.26	1.00	1.00 Project allowances (Working Strength) From April-2018 to March-2019 * 2340000.00 = 2340000.00	2340000.00	23.40		Project allowance proposed to all the staff working in Tiger Reserve for the year 2018-19 a) Conservator of Forests & Director, Nagarahole Tiger Reserve - 1 No. x Rs. 2000/Month = Rs. 24,000/- b) Asst. Conservator of Forests - 3 Nos. x Rs. 1300/Month = Rs. 48,800/- c) Veterinary Surgeon - 1 No. x Rs. 1300/Month = Rs.

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	categories. See from guide lines									15,600/- d) Range Forest Officer - 9 Nos. x Rs. 1000/Month = Rs. 1,08,000/- e) Dy. Range Forest Officer - 20 Nos. x Rs. 900/Month = Rs. 2,16,000/- f) Forest Guard - 100 Nos. x Rs. 700/Month = Rs. 8,40,000/- g) Forest Watcher & Watchmen - 31 Nos. x Rs. 700/Month = Rs. 2,60,400/- h) Drivers - 1 Nos. x Rs. 700/Month = Rs. 8,400/- i) Care takers - 10 Nos. x Rs. 700/Month = Rs. 84,000/- j) Elephant Jamedhar, Mahuts & Kavadis - 59 Nos. x Rs. 700/Month = Rs. 4,95,600/- k) Lodge Cleaner - 2 Nos. x Rs. 700/Month = Rs. 16,800/- l) Vehicle Cleaner - 2 Nos. x Rs. 700/Month = Rs. 16,800/- m) I.B. Meti - 1 No. x Rs. 700/Month = Rs. 8,400/- n) Supernumerary - 6 Nos. x Rs. 700/Month = Rs. 50,700/- o) Ministerial staff (Class II) - 1 No. x Rs. 900/Month = Rs. 10,800/- p) Ministerial staff (Class-III) - 9 Nos. x Rs. 700/Month = Rs. 75,600/- q) Ministerial staff (Class-IV) - 13 Nos. x Rs. 400/Month = Rs. 62,400/-
Staff welfare	Core Area: Provision for ration allowance to field staff	16.16		28.17	288.00	288.00 Providing ration allowance to permanent field staff up to Range Forest Officer for the year 2018-19 * 10320.00 = 2972160.00	10320.00	29.72		As per the guidelines and orders of the NTCA proposed to provide ration allowance to field staff upto Dy Range Forest Officer Level @ Rs. 860.00/Month a) Dy. Range Forest Officer - 20 Nos. b) Forest Guard - 100 Nos. c) Forest Watcher - 29 Nos. d) Driver - 1 No. e) Vehicle Cleaner - 4 Nos. f) Elephant Jamedhar - 2 Nos. g) Elephant Mahuts - 29 Nos. h) Elephant Kavadis - 28 Nos. i) Watchmen - 2 Nos. j) Care Taker- 10 Nos. k) Lodge Cleaner- 2 Nos. l) I.B. Meti - 1 No. m) Supernumerary - 62 Nos.
Staff welfare	Core Area: Compensation for man-animal conflict in case of loss of human life/grievous injury and cost of treatment for minor injury	16.4.1			1	Ex-gratia compensation for payment to the next kith and kin of Late Dr. S. Manikandan, Former FD, Nagarhole* 200000.00	200000.00	2.00		
	Total (Non-Recurring):							133.86		

Recurring (Core + Buffer)

Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY	Current Financial Year			GPS	Justification
					No. of Items (Physical Target)	Sub-item Details	Unit Price (Rs.)		
Strengthening	Buffer Area: Maintenance of Computers Accessories.	16.2.10		5.0	1.00	1.00 Ancillary expenditure related to internet, purchase/ maintenance of	499473.73	4.99	It is essential for running of day to day activities of Division, Sub-Division and Range Offices

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						photocopying machine / computers / printers / FAX / UPS etc., (22 Destops, 10 Laptops, 20 Printers, 1 Xerox machine) * 499473.73 = 499473.73			
Anti-Poaching	Core Area: Deployment of camp labourers for patrolling.	16.1.3	10.3.3	150.36	144.00	144.00 Wages to Antipoaching Squads in the following ranges from 01.04.2018 to 31.03.2019 * 183429.00 = 26413776.00 (Rs. 15285/- per person per month)	183429.00	264.14	Nagarahole Tiger Reserve is having in area of 643.392 Sq Kms. Hence, Maintenance of existing Anti-Poaching Camp by Engaging of local peoples and daily wages to existing Anti-Poaching Camps is essential to day and night patrolling works against poaching and smuggling activities. The Rate Sanctioned by the PCCF (HOFF) Bangalore vide OM no B1/Bud/CR-26/2017-18 dated 19.4.2018 for the year 2018-19 was adopted for Payment of wages. The wage rate has been enhanced + 3.94% when compared with the previous year wage rate. In addition to the wages, statutorily Government of Karnataka has to pay the EPF, ESI, Service charges, and GST for engaging daily wagers which is stated as below. EPF 13.36 %, ESI 4.75%, Service charges 6% and GST 18% (36 APCs x 4 Members = 144 Members) 01) Sollepura Camp of Veeranhosahally Range - 4 Members 02) Madahally Camp of Veeranhosahally Range - 4 Members 03) Moorkudu Camp of Veeranhosahally Range - 4 Members 04) Manjanakatte Camp of Veeranhosahally Range - 4 Members 05) Sannagadde Camp of Hunsur Range - 4 Members 06) Gadipalya Camp of Hunsur Range - 4 Members 07) Karekatte Camp of Hunsur Range - 4 Members 08) Sulugodu Camp of Anechowkur Range - 4 Members 09) Basavanakatte Camp of Anechowkur Range - 4 Members 10) Kumbarakatte Camp of Anechowkur Range - 4 Members 11) Marapala Cow Gate Camp of Anechowkur Range - 4 Members 12) Neerakatte Camp of Kallahalla Range - 4 Members 13) Paisari Camp of Kallahalla Range - 4 Members 14) Paradakada Camp of Kallahalla Range - 4 Members 15) Kalkere Camp of Kallahalla Range - 4 Members 16) Balekatte Camp of Kallahalla Range - 4 Members 17) Kattapalya Camp of Nagarahole Range - 4 Members 18) Hulikal Camp of Nagarahole Range - 4 Members 19) Hunsekatte Camp of Nagarahole Range - 4 Members 20) Ballemurkal Camp of Nagarahole Range - 4 Members 21) Kothanahally Camp of Metikuppe Range - 4 Members 22) Jiyara Camp of Metikuppe Range - 4 Members 23) G.M. Hally Camp of

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									Metikuppe Range - 4 Members 24) Sagadekatte Camp of Metikuppe Range - 4 Members 25) Basavanamunti Camp of Metikuppe Range - 4 Members 26) Kadabulakatte Camp of Metikuppe Range - 4 Members 27) Taraka Camp of Antharasanthe Range - 4 Members 28) Madanakada Camp of Antharasanthe Range - 4 Members 29) Kallaheballa Camp of Antharasanthe Range - 4 Members 30) Poojekallu Camp of Antharasanthe Range - 4 Members 31) Udboor Camp of D.B.Kuppe Range - 4 Members 32) Bogeshwara Camp of D.B.Kuppe Range - 4 Members 33) Kuduresathanahalla Camp of D.B.Kuppe Range - 4 Members 34) Suthanahalla Camp of D.B.Kuppe Range - 4 Members 35) Masalebetta Camp of D.B.Kuppe Range - 4 Members 36) Kymara Camp of D.B.Kuppe Range - 4 Members
Anti-Poaching	Core Area: Maintenance of vehicles(boats, motorbikes, mobility)	16.1.14	10.3.7	40.50	9.00	1.00 Maintenance of Vehicles Cost of fuel, repairs, etc., for existing protection vehicles (48 Vehicles) * 3000000.00 = 3000000.00 1.00 Purchase of tyres and tubes for protection vehicles (48 Vehicles) * 400000.00 = 400000.00 1.00 Purchase of batteries for protection vehicles and wireless sets, solar power systems * 400000.00 = 400000.00 1.00 Maintenance of Govt. Boats (5 Nos.) * 240000.00 = 240000.00 1.00 Modification of Pickup Jeep / Protection vehicles with fire fighting equipment * 100000.00 = 100000.00	3000000.00 400000.00 400000.00 240000.00 100000.00	41.4	Vehicles and bikes are essentially used for protection duties viz. antipoaching, patrolling, perambulation and for fire protection works.

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Anti-Poaching	Core Area: Maintenance of elephants and their accessories.	16.1.11	4.3.6.2	18.97	8.00	8.00 Maintenance of Elephant Squads for protection works (Elephant Mahuts & Kavadis) from 01.04.2018 to 31.03.2019 * 173602.00 = 1388816.00	173602.00	13.89		Elephant squad is being maintained for rescuing of tiger strayed into human habitation/injured and also for monsoon patrolling duties. The Rate Sanctioned by the PCCF (HOFF) Bangalore vide OM no B1/Bud/CR-26/2017-18 dated 19.4.2018 for the year 2018-19 was adopted for Payment of wages. The wage rate has been enhanced + 3.94% when compared with the previous year wage rate. In addition to the wages, statutorily Government of Karnataka has to pay the EPF, ES, Service charges, and GST for engaging daily wagers which is stated as below. EPF 13.36 %, ES 4.75%, Service charges 6%. and GST 18%
Anti-Poaching	Core Area: Maintenance of office equipment.	16.2.1		5.0	1.00	1.00 Office Expenses (Purchase of stationary photocopying charges, purchase / maintenance of computers and furniture, telephone / electricity bill etc.) Director Office 1 No., ACF office - 3 Nos., & RFO Office - 8 Nos. * 400000.00 = 400000.00	400000.00	4.00		It is essential for running of day to day activities of Division, Sub-Division and Range Offices
Anti-Poaching	Core Area: Maintenance of wireless network.	16.1.5	10.3.7	2.0	1.00	1.00 Maintenance / Repair of existing wireless sets, towers, repeaters etc., (218 Nos.) * 300000.00 = 300000.00	300000.00	3.00	KML file attached	Communication network is essential for effective management of TR. Wireless network and towers to be maintained regularly. Hence, It is proposed. The following are the infrastructure with regard to Wireless network (Mobile sets - 15 Nos., Walkie-Talkie-162 Nos., Repeater - 4 Nos. & Static sets - 37 Nos.)
Strengthening	Core Area: Maintenance of earthen ponds.	16.2.7	7.2.2.3	8.5	6.00	1.00 A) Improvement of Waterholes by Deepening, desilting and re-strengthening of bunds * 800000.00 = 800000.00 5.00 B) Maintenance of Solar Power Borewells * 25000.00 = 125000.00	800000.00 25000.00	9.25	KML file attached	It is required for improvement of holding capacity of the tank. 1) Maralukatte of Veeranahosahally Range (1 No. x Rs. 1,50,000/-) 2) Garikatte of Hunsur Range (1 No. x Rs. 1,50,000/-) 3) Kadalebasweshwara Kere of Anechowkur Range (1 No. x Rs. 1,00,000/-) 4) Hunsekatte Kere of Nagarahole Range (1 No. x Rs. 2,00,000/-) 5) 20th Line kere of Metikuppe Range (1 No. x Rs. 1,00,000/-) 6) Kempadevikatte of Metikuppe Range (1 No. x Rs. 1,00,000/-) Refilling of water to the waterholes to ease of water scarcity Hosakere & Balekatte of Hunsur Range (2 Nos. x Rs 25,000/-) Tiger Tank, Hosakere, GK Kere of Antharasanthe Range (3 Nos. x Rs 25,000/-)

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Strengthening	Core Area: Maintenance of fire lines and firebreaks.	16.2.6	10.3.6	98.53	1969.20	1500 Km Fire line clearance- Cutting and clearing thick jungle growth including grass to a width of 10 mtrs for the maintenance of lines and Fire line including burning * 5298.21 = 7947315.00	5298.21	79.47	KML file attached	There has been gregarious flowering of Bamboo in the reserve during the last five years leading to increased vulnerability to fire incidences. Hence the work is proposed. Further, there has been an increase in the budgetary requirement during the current year due to the increase in the Sanctioned Schedule of Rates in respect of this item of work. The rate has been revised to Rs 5600/Km. The GPS track map of fire line is appended. 1) Veerarahosahally Range - 236 Km 2) Hunsur Range - 98.90 Km 3) Anechowkur Range - 178.75 Km 4) Kallahalla Range - 275.65 Km 5) Nagarahole Range - 315.70 Km 6) Metikuppe Range - 247.30 Km 7) Antharasanthe Range - 252.50 Km 8) D.B.Kuppe Range - 384.40 Km
Strengthening	Core Area: Maintenance of road network.	16.2.2	10.3.7	7.6	20.00	20.000 Maintenance of Road for effective protection * 40000.00 = 800000.00	40000.00	8.00	KML file attached	Nagarahole TR has very good road network, many Nalas cross roads and during monsoon roads get eroded. It is essential to maintain the roads for effective protection network and it is very much essential for perambulation and patrolling works. 1) Veerarahosahally Range - Yalaneer Katte Road - 1.00 Km 2) Veerarahosahally Range - Hosaline Road - 2.00 Km 3) Veerarahosahally Range - CPT-8 & 9 Line- 4.00 Km 4) Veerarahosahally Range - New road erekatte to hosakatte - 3.00 Km 5) Hunsur Range ? Metluhola Road ? 4.00 Km 6) Anechowkur Range - Anechowkur Jeep Road - 4.00 Km 7) Nagarahole Range - Lakkunda to Bommadu - 5.00 Km 8) Antharasanthe Range - Amtokuppe Road - 8.00 Km 9) Metikuppe Range - Dharmagere Road - 3.00 Km 10) D.B.Kuppe Range - Suthanahalla Jeep Road - 6.00 Km
Mainstreaming wildlife concerns	Core Area: Monitoring of wild animals.	16.10.1.3	4.5.4	9.0	1.00	1.00 Engaging research fellows & assistants on contract / daily wage basis/ procurement of cells, stands/ publications/ other accessories - 330 Camera trap locations * 400000.00 = 400000.00	400000.00	4.00		Phase-IV Monitoring of Tiger Source Populations is being monitored by camera trap method by the Karnataka Forest Department. It is essential to replace / buy new cameras for successful completion of the exercise. NTCA also insisting to carry out Phase-IV Monitoring annually. Phase-IV Monitoring of Tiger Source Populations is being monitored by camera trap method by the Karnataka Forest Department. It is essential to replace / buy new cameras for successful completion of the exercise. NTCA also insisting to carry out Phase-IV Monitoring annually.
Staff Development	Core Area: Organising vehicular patrolling by constituting	16.1.4	13.7	79.30	68.00	68.00 Wages for engaging drivers, literate asst., computer operators,	162634.00	110.59		Engaging labors on daily wage is very much essential for day to day protection and office works in range level. The Rate Sanctioned by the PCCF (HOFF) Bangalore



	squads, comprising of field staffs, drivers, labourers, police etc with wireless equipments etc					wireless operators night watchmen, gate assistant etc., for protection works from 01.04.2018 to 31.03.2019 * 162634.00 = 11059112.00				vide OM no B1/Bud/CR-26/2017-18 dated 19.4.2018 for the year 2018-19 was adopted for Payment of wages. The wage rate has been enhanced + 3.94% when compared with the previous year wage rate. In addition to the wages, statutorily Government of Karnataka has to pay the EPF, ESI, Service charges, and GST for engaging daily wagers which is stated as below. EPF 13.36 %, ESI 4.75%, Service charges 6% and GST 18%
Habitat Improvement	Core Area: Grass land improvement, wetland improvement	16.3	7.2.2.3	10.0	94.00	94.00 Maintenance of Swamps (Hadlus) (Fodder Plots) * 10000.00 = 940000.00	10000.00	9.40	KML file attached	Maintenance of Swamps is essential to facilitate to growing of grass and other species. 1) Anechowkur WL Range - 34 Ha (Jalapura Hadlu - 2.5 Ha, Sideline Kere Kere Hadlu - 5 Ha, Doddagadde Hadlu - 2.5 Ha, Anechowkur Hadlu - 6 Ha, Mathigodu Sideline Hadlu - 7 Ha & Eachur Hadlu - 11 Ha) 2) Kallahalla WL Range - 27.5 Ha (Eramane hadlu - 10.5 Ha, Musumbe Hadlu - 8.5 Ha & Dalimbe Hadlu - 6.0 Ha) 3) Nagarahole WL Range - 40 Ha (Hulipatte Hadlu - 14 Ha, Sagaramandala Hadlu - 5.8 Ha, Doddahalla hadli - 7.9 Ha, Nagasara Hadlu - 12.3 Ha)
Habitat Improvement	Core Area: Weed eradication	16.3	4.2	0.0	150.00	150.00 Weed eradication - Removal of Lantana * 10000.00 = 1500000.00	10000.00	15.00	KML file attached	Eradication of lantana weed is essential to facilitate to growing of grass and other species and also clearing of viewlines in tourism zone and near the roads helps to avoid wild animals hit by moving vehicles and also to improve the visibility of wild animals to the visitors. 1) Veeranhosahally Range ? 20 Ha (Channammanakatte - 10 Ha & Mantallykere - 10 Ha) 2) Hunsur Range ? 20 Ha (Mathimaradakada 10 Ha & Hunsakatte pare 10 Ha) 3) Nagarahole Range - 30 Ha (Chikkapala Area - 15 Ha & Nadline Kanoor to Kunthur Chaingate - 15 Ha) 4) Kallahalla Range - 20 Ha (Sulekatta Area 10 Ha & Vaddaramadu Area - 10 Ha) 5) Antharasanthe Range ? 25 Ha (Taraka ring road 15 Ha, Near Madanakada APC 10 Ha) 6) Metikuppe Range - 15 Ha (20th line area 15 Ha) 5) D.B.Kuppe Range - 20 Ha (Baraballe 10 Ha & Kakanakote 10 Ha)
Co-existence agenda in buffer	Core Area: Co-existence agenda in buffer and fringe areas (landscape approach, sectoral integration, ecologically sustainable development programmed, livelihood options and eco-tourism)	16.5	10.3.6	146.66	31500.00	4500.00 Fire Protection Works A) Engaging of local people as fire watcher from 01/04/2018 to 15/04/2018 for combating forest fire * 342.000 = 1539000.00 27000.00 B) Engaging of local people as fire watcher from	342.00 342.00	107.73		Every year during the summer fire season engaging of local peoples and daily wages as fire watchers is very much essential to control and combat the forest fires. In view of this the villagers living in adjacent villages of Nagarahole Tiger Reserve are extending their cooperation in fire protection works. 1) Veeranhosahally Range - 600 Mandays 2) Hunsur Range - 225 Mandays 3) Anechowkur Range - 375 Mandays 4) Kallahalla Range - 600 Mandays 5) Nagarahole Range - 600 Mandays 6) Metikuppe Range - 600

(new activity in case of tiger reserves where buffer has not been notified so far).					01/01/2019 to 31/03/2019 for combating forest fire * 342.00 = 9234000.00				Mandays 7) Antharasanthe Range - 600 Mandays 8) D.B.Kuppe Range - 900 Mandays Every year during the summer fire season engaging of local peoples and daily wages as fire watchers is very much essential to control and combat the forest fires. In view of this the villagers living in adjacent villages of Nagarahole Tiger Reserve are extending their cooperation in fire protection works. 1) Veeranahosahally Range - 3600 Mandays 2) Hunsur Range - 1350 Mandays 3) Anechowkur Range - 2250 Mandays 4) Kallahalla Range - 3600 Mandays 5) Nagarahole Range - 3600 Mandays 6) Metikuppe Range - 3600 Mandays 7) Antharasanthe Range - 3600 Mandays 8) D.B.Kuppe Range - 5400 Mandays
Total (Recurring):							674.86		

(Rs. In Lakhs)

S. No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	133.86	80.31
2.	Recurring (50%)	674.86	337.43
Total		808.72	417.746

(Rs. In Lakhs)

Cost of APO including State's share	A	808.72
Center's share in APO	B	417.746
1 st release @ 80% of Center's share	C=0.8*B	334.20
Less: Unspent balance FY 16-17	D	2.71
Adjusted 1 st release	E=C-D	331.486
2 nd release @ 20% of Center's share	F=0.2*B	83.546

* 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.