

No. 4-1(26)/2017-PT

Government of India

Ministry of Environment, Forest and Climate Change
Project Tiger Division

B-1 Wing, 7th Floor,
Pt. Deendayal Antodaya Bhawan,
CGO Complex, Lodhi Road,
New Delhi-110003
Tel. No. 2436 7835
Fax No. 2436 7836
E-mail: dig2-ntca@nic.in

Dated the 8th August, 2017

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 2017-18.

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. 944.18 Lakhs (Rupees Nine hundred Forty Four Lakhs Eighteen thousand only)** as per details given in the annexure. Of the total cost of the scheme, Rs. 784.05 lakhs being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India** and the **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. 347.14 lakhs (Rupees Three hundred Forty Seven Lakhs Fourteen thousand only)** to the State Government towards the Grants-in-aid to Government of Karnataka during the current financial year 2017-18. 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 230 (1) 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, 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 Utilisation 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 alongwith Utilisation Certificate in prescribed format on or before 31.3.2018.
 - (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 2017-18 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, Forest 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.

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- (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 G&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 for implementation of National Tiger Conservation Authority shall 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.

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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 2017-18 (Plan).

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 86209/AS&FA dated 27.07.2017.

Yours faithfully,

Nishant Verma
8/8/17
(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 2017-18 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. The IG, 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.

Nishant Verma
8/8/17
(Nishant Verma)

Deputy Inspector General of Forests (PT)

Annual Plan of Operation Bhadra Tiger Reserve, Karnataka

(Rs. in lakhs)

S. No.	Item	Para No. of CSS-PT Guidelines	PFY (In Lakhs)	Physical Target 2017-18	Unit Cost in Lakhs	Amount recommended by PT Division for 2017-18	Location	GPS	
	NON-RECURRING (CORE)								
1	Construction of Culverts	16.2	19.00	8 No.	01.00	08.00	Haligekere Culvert	N:13° 29' 15.5" E:075° 41' 22.2"	
							CWS Camera Point Culvert	N:13° 30' 00.2" E:75° 40' 34.9"	
							Way to Siddri Temple	N:13° 44'35.5" E:075° 36' 09.1"	
							D line halla Near Siddri APC	N:13° 43'15.3" E:075° 37' 05.3"	
							Yuvarajana Gadde Upper	N:13° 44'23.0" E:075° 32' 35.1"	
							Pacchappannahalla	N: 13 32' 57.8" E: 075 34' 45.0	
							Near Shri Rama Temple	N: 13 29 44.9" E: 075 35' 06.5"	
							Near Madla APC	N: 13 29 28.99" E: 075 36 27.11"	
							Near Kemmannugandi	N: 13 30 05.69" E: 075 35 04.62	
2	Construction of causeway	16.2	8.00	1 No	11.00	2.00	Nagarabavi circle	N:13° 29' 34.0" E:75° 40' 58.0"	
				1 No			3.00	Near Inspection kere - I	N:13o 38'359" E:0750 37' 048"
				1 No			3.00	Near Inspection kere - II	N:13o 38'374" E:0750 36' 713"
				1 No			3.00	Mavinahalla kere	N:13o 37' 566" E:0750 38' 960"
				04			11.00		
3	Construction of New Bridges	16.2	17.00	1 No	12.00	3.00	Vatehalla (Tiger Road)	N:13° 27' 09.83" E:75° 38' 54.72"	
				1 No			3.00	Maratti Camp Upper	N:13° 44'38.5" E:075° 32' 66.9"
				02 Nos.			15.00		
4	Construction of New AP Camp	16.2	18.00	1 No	07.00	7.00	Shirgola	N:13° 25' 57.3" E:075° 30' 19.8"	
5	Construction of New Godown	16.2	-	1 No	05.00	5.00	RFO office premise	N-13 35' 14.71" E-075 45' 06.88"	
6	Construction of Check dam	16.2	-	1 No	02.00	2.00	Sidri Honda	N:13o 45' 16.9" E:0750 36' 12.3"	
			-	1 No	04.00	4.00	Siddroni kere	N:13o 40' 045" E:0750 39' 51.9"	
			Sub-Total	02 Nos.	06.00				
7	Drilling of Bore well & installing pump set & pipe line	16.2	-	1 No		2.00	Khandya Nursery APC	N:13° 23' 15.4" E:75° 31' 22.3"	
8	HUMAN RESOURCE DEVELOPMENT								
	Project Allowance to different category of staff from 1-4-2017 to 31-3-2017=12 Months								
	i. Director @ Rs. 2000/month	16.15	0.180	1		0.240	All Ranges	-	
	ii. Assistant Director 2 Nos. @ Rs. 1300/month		0.312	2		0.312	All Ranges	-	
	iii. Range Forest Officers 4 Nos. @ Rs. 1000/month		0.480	4		0.480	All Ranges	-	
	iv. Forester 17 Nos. @ Rs. 900/month		1,836	17		1,836	All Ranges	-	
	v. Forest Guards 38 Nos. @ Rs. 700/month		3,192	38		3,192	All Ranges	-	
	vi. Forest watchers 52 Nos. @ Rs. 700/month		4,368	52		4,368	All Ranges	-	
	vii. Drivers 3 No. @ Rs. 700/month		0.252	3		0.252	All Ranges	-	
	viii. Care Taker 2 No. @ Rs. 700/- month		0.168	2		0.168	All Ranges	-	
	ix. Ane Mavutha 1 No. @ Rs. 700/- month		0.084	1		0.084	All Ranges	-	
	i. Superintendent 1 No. @ Rs. 700/month		0.084	1		0.084	All Ranges	-	
	ii. FDA 3 No. @ 700/- month		0.252	3		0.252	All Ranges	-	
	iii. SDA 2 No. @ 700/- month		0.168	2		0.168	All Ranges	-	
	iv. Surveyer 1 No. @ 700/-		0.084	1		0.084	All Ranges	-	
v. Typist 1 No. @ 700/- month	0.084		1		0.084	All Ranges	-		

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	vi. Peon 1 No. @ Rs.400/- PM		0.048	1		0.048	All Ranges	-	
	vii. Regularised Daily wage employees of BTR unit 22 Nos. @ Rs.400/- month		1.152	24		1.056	All Ranges	-	
				153 Nos.		12.71			
		Sub-Total							
9	Ration allowance @860/- PM to filed staff working on regular pay rolls from 01-04-2017 to 31-03-2017=12 Months								
	i). DRFOs - 17	16.1	1.754	17		1.754	All Ranges	-	
	ii). Forest Guards - 38		3.922	38		3.922	All Ranges	-	
	iii). Forest watchers - 52		5.366	52		5.366	All Ranges	-	
	iv). Drivers -3		0.310	3		0.310	All Ranges	-	
	v). Care Taker - 2		0.206	2		0.206	All Ranges	-	
	vi). Ane Mavuth - 1		0.104	1		0.104	All Ranges	-	
		Sub Total		113		11.67			
10	Payment of compensation for Human -animal conflict	16.1.4	5.000	LS		5.00	All Ranges	-	
11	Construction of New Fire Watch towers.	16.2.9	10.00	1 No.		8.00	Kemmangun-di	N-13° 33' 31.7" E-075° 44' 58.0"	
				1 No.		8.00	C.N kere	N-13° 39' 16.4" E-075° 42' 29.9"	
		Sub Total		02		16.00			
12	Procurement of Hardware/software/manpower, training, GPS, etc.,								
	Phase-IV monitoring of tiger source population (4.2)								
a.	Purchase of camera traps	16.2.28	20.00	50 Nos	0.195	9.750	All Ranges	-	
b.	Purchase of range finders	16.2.28	2.00	30 Nos	0.20	6.00	All Ranges	-	
c.	Purchase of Compass	16.2.28	1.00	30 Nos	0.06	1.80	All Ranges	-	
d.	Purchase of GPS units E-Tracks 10 (Yellow)	16.2.28	1.65	20 Nos	0.210	4.20	All Ranges	-	
e.	Purchase of binoculars	16.1.21	-	20 Nos	28.0	2.00	All Ranges	-	
f.	Back hoe digger/weed puller for Clearing of fire lines & fire safety measures.	-	-	1 No		28.00	Division	-	
g.	Field work cost on laying out of transect, 8 days protocol, logistics and reporting	16.7.1	4.000	LS		4.50	All Ranges	-	
h.	Implementation of M-Stripes in Bhadra Tiger Reserve	16.7.1	4.000	LS		4.50	All Ranges	-	
		Sub Total		151		60.75			
	Total Non-Recurring Core					160.13			
RECURRING (CORE)									
13	Maintenance of APC	16.2		1 No	0.5	0.50	Kavikalmutta APC	N:13° 24' 03.8" E:75° 39' 18.5"	
			10.00	1 No	0.5	0.50	Kesave APC	N:13° 28' 58.4" E:75° 37' 36.8"	
				1 No		0.50	Karanji APC	N:13° 26' 52.9" E:75° 41' 30.6"	
				1 No	0.5	1.00	Hebbe	N:13 32'01.0" E:75 33'54.3"	

		Sub Total		1 No 20 Nos.	0.50	0.50	Kemmannugudi repeater	N:13° 36' 40.5" E:75°44' 40.3"
17	Strengthening of existing Solar Power lighting systems.							
a)	Provision of Solar Panels Strengthening of existing Solar Power lighting systems/Solar Home lights to APC / Solar street lights to APC	16.2	3.20	LS	02.00	2.00	All Ranges	-
b)	Providing & fixing of Turbine for hydro Electricity	16.2	-	1 No	01.50	1.50	Virupakshakan APC	N-13° 30' 09.9" E-75° 44' 11.4"
c)	Electrical connection to APC	16.2	-	1 No		1.07	Bogase APC	N:13 24' 04.1" E:75 34' 32.7"
		Sub Total		1 No		0.40	Khandya Nursary APC	N: 13 23' 15.4" E:75 31' 22.3"
				03 Nos		2.97		
18	Habitat improvement							
	Desilting of Tank	16.2.16	23.00	1 No	01.50	1.50	Hanumanthappa Kere (Tracking path kere)	N:13° 26' 12.0" E:75° 38' 48.8"
				1 No		1.50	Shetru kere (Kesave Beat)	N:13° 28' 58.4" E:75° 37' 36.8"
				1 No		1.00	Sukalahatti	N-13° 36' 21.2" E-075° 40' 25.9"
				1 No		2.00	Annegundi Kere (Near Nerhalla Machan road)	N:13° 36' 397" E:075° 39' 124"
				1 No		2.00	Sukalahatti 2nd Kere	N:13° 36' 987" E:075° 39' 354"
				1 No		2.00	Inspection kere -I	N:13° 37' 173" E:075° 39' 077"
				1 No		2.00	Inspection kere -II	N:13° 37' 168" E:075° 39' 074"
				1 No		2.00	Saganibyle kere	N:13° 37' 566" E:075° 38' 960"
				1 No		2.00	4th Km kere	N:13° 37' 425" E:075° 38' 455"
		Sub Total		9 Nos.		16.00		
19	Habitat improvement - Maintenance of swamps (Hadlus) (Fodder plots)							
	Eradication of weeds such as eupatorium & lantana.	16.3.2	22.044	100 Ha	0.042	04.20	Hipla Hadlu (Hipla & Kesave Beat)	-
				100 Ha			Lakkavalli	-
				100 Ha			Tanigebyle	-
				100 Ha			Muthodi	-
				400				
		Sub Total			0.042 0.042 0.042	04.20 04.20 04.20		
					0.168	16.8		
20	Maintenance of road for Effective protection							
(a)	Maintenance of roads	QM16.2	73.60	03.20		01.60	Bhootappana road to Swamy Circle.	N:13° 29' 00.3" E:075° 37' 35.8" N:13° 28' 29.0" E:075° 38' 23.6"
				05.00		02.50	Kesave Circle to Hipla Bridge	N:13° 28' 49.41" E:075° 37' 41.06" N:13° 30' 35.56" E:075° 36' 58.55"
				05.60		02.80	Midlupathi Circle to Nagarabavi Circle	N:13° 29' 44.0" E:075° 37' 53.0" N:13° 30' 37.1" E:075° 40' 03.6"
							Nagarabavi Circle to Halagekere road	N:13° 30' 37.1" E:075° 40' 03.6" N:13° 30' 35.25" E:075° 36' 59.60"
							Melugiri Road	N:13° 30' 27.9" E:075° 36' 50.8" N:13° 32' 08.7" E:075° 40' 16.5"

				07.90		03.95	Gadikal road Road	N:13' 30' 43.5" E:075' 36' 59.5" N:13' 30' 59.05" E:075' 34' 50.09"
				09.30		04.65	Kesarahalla Road	N:13' 31' 45.49" E:075' 38' 32.07" N:13' 31' 00.19" E:075' 39' 26.42"
				04.68		02.34	Seeguvalli Cool Road	N:13' 31' 24.0" E:075' 37' 26.1" N:13' 32' 29.8" E:075' 37' 13.5"
				03.00		01.50	Hipla Khan Road	N:13' 31' 50.4" E:075' 36' 33.4" N:13' 31' 51.1" E:075' 36' 47.9"
				02.50		01.25	Puradahadu road	N:13' 30' 58.9" E:075' 37' 34.4" N:13' 31' 33.8" E:075' 38' 32.3"
				02.00		01.00	Tracking path	N:13' 26' 46.1" E:075' 39' 02.8" N:13' 26' 03.2" E:075' 38' 47.3"
				03.50		01.75	2nd Game Gate to Tadabehalli Bridge Culvert	N:13' 26' 49.8" E:075' 39' 06.7" N:13' 27' 30.1" E:075' 39' 21.2"
				02.30		01.15	Melugiri Cross to Melugiri halla- (Madalagodu)	N:13' 31' 48.35" E:075' 41' 59.38" N:13' 32' 06.76" E:075' 40' 16.80"
				19.60		09.80	Kemmannugudi cool	N:13' 31' 50.4" E:075' 38' 09.5" N:13' 32' 26.7" E:075' 37' 59.4"
				06.00		03.00	Bhootappana Circle to Hipla hallada Bridge	N:13' 29' 15.2" E:075' 37' 54.8" N:13' 30' 42.9" E:075' 36' 59.6"
				01.50		0.75		
				07.50		03.75		
				83.58		41.79		
							Sub Total	
(b)	Maintenance of roads by Gravel spreading			03.00		01.50	Aldhara Guddada road to Duggapana Hola	N:13o 44' 12.7" E:075o 34' 07.1" N:13o 44' 42.1" E:075o 34' 47.6"
	(a)			03.00		01.50	Chowdikatte APC to Basavana Kere	N:13o 44' 29.8" E:075o 33' 58.7" N:13o 44' 42.1" E:075o 34' 47.6"
				04.00		02.00	Maridibba Saddle Gate to Bhadravathi Camp Kovu	N:13o 43' 22.1" E:075o 34' 05.2" N:13o 42' 24.4" E:075o 34' 71.5"
				02.50		01.25	Maratti camp Upper to Doddapu road	N:13o 44' 39.5" E:075o 34' 31.2" N:13o 43' 37.4" E:075o 34' 54.6"
				02.50		01.25	Doddappu road to Siddri Temple	N:13o 43' 52.8" E:075o 35' 50.7" N:13o 43' 37.4" E:075o 36' 41.3"
				02.50		01.25	Kollapana Hola Upper to Aladamara Kovu	N:13o 44' 34.8" E:075o 34' 18.9" N:13o 43' 50.2" E:075o 34' 14.4"
							Maratti Camp to Lingapura D line	N:13o 44' 42.8" E:075o 32' 66.9" N:13o 44' 51.9" E:075o 31' 90.0"

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				02.00		01.00	Machan road to Maratti camp road	N:13o 44' 57.8" E:0750 33' 94.2" N:13o 44' 54.9" E:0750 32' 80.0"
							Camera Point road (Kakanahasudi Kere to D line)	N:13o 44' 50.1" E:0750 33' 01.7" N:13o 44' 19.9" E:0750 33' 51.0"
				03.00		01.50	Annegundi road (Beete mara to Kavalu mara)	N:13o 35' 608" E:0750 38' 424" N:13o 35' 667" E:0750 38' 340"
							Tammadihalli to Mallakana Kere	N:13o 45' 20.8" E:0750 37' 41.1" N:13o 45' 59.1" E:0750 36' 57.7"
				02.10		01.05	Tammadihalli to Kesinakatte	N:13o 45' 21.2" E:0750 37' 42.0" N:13o 45' 03.4" E:0750 36' 11.2"
				02.00		01.00	Aldhara APC to Maridibba Saddle	N:13o 45' 35.6" E:0750 36' 06.6" N:13o 43' 12.1" E:0750 34' 05.1"
				02.00		01.00	Aldhara APC to Siddri APC through Siddri Temple road	N:13o 45' 35.6" E:0750 36' 06.6" N:13o 43' 15.3" E:0750 37' 05.3"
							Doddinatale road (Yuvarajana Gadde to D line)	N:13o 44' 16.0" E:0750 32' 18.8" N:13o 43' 55.1" E:0750 31' 58.9"
				02.00		01.00	Duggappana Hola to Chowdikatte APC	N:13o 44' 42.1" E:0750 34' 47.6" N:13o 44' 49.9" E:0750 33' 98.2"
							Safari roads	N:13o 36' 58.8" E:0750 39' 14.2" N:13o 37' 07.7" E:0750 39' 45.8"
				03.70		01.85	Other patrolling Road	N 130 39' 03.1" E 750 42' 01.0" N 130 36' 58.0" E 750 39' 13.6
			Sub Total	09.00		04.50		
				08.00		04.00		
				01.00		0.50		
				02.00		01.00		
				36.00		18.00		
				70.00		35.00		
				157.8		78.90		
				02.00		01.00	Khodi APC to Heggar Circle	N: 13 27' 56.02" E: 75 32' 10.8" N: 13 28' 29.52" E: 75 31' 59.67"
				06.00		03.00	Heggar Circle to Thegaragudda APC	N: 13 28' 29.52" E: 75 31' 59.67" N: 13 30' 08.18" E: 075 32' 29.5"
							Thegaragudda APC to Old Somavahini	N: 13 30' 08.18" E:075 32' 29.5" N: 13 30 50.1" E: 75 34' 57.0"
				08.00		04.00	Somavahini APC to Sri Rama temple	N: 13 29' 37.62" E: 75 35' 08.66" N: 13 29' 30.2" E: 075 36' 02.1"
	(b)	M		02.00		01.00	Khodi APC to Heggar Circle	N: 13 27' 56.02" E: 75 32' 10.8" N: 13 28' 29.52" E: 75 31' 59.67"
				06.00		03.00	Heggar Circle to Thegaragudda APC	N: 13 28' 29.52" E: 75 31' 59.67" N: 13 30' 08.18" E: 075 32' 29.5"
							Thegaragudda APC to Old Somavahini	N: 13 30' 08.18" E:075 32' 29.5" N: 13 30 50.1" E: 75 34' 57.0"
				08.00		04.00	Somavahini APC to Sri Rama temple	N: 13 29' 37.62" E: 75 35' 08.66" N: 13 29' 30.2" E: 075 36' 02.1"

				03.00		01.50	Heggur circle to Somavahini APC	N: 13 28' 29.52" E: 75 31' 59.67" N: 13 29' 37.62" E: 75 35' 08.66"
				09.00		04.50	Madla School to Madla halla	N: 13 29' 42.6" E: 75 36' 33.9" N: 13 29' 32.3" E: 75 36' 45.3"
				01.00		0.50	Gadikallu to Hebbe Circle	N: 13 30' 58.8" E: 75 34' 49.7" N: 13 31' 41.8" E: 75 34' 17.7"
				02.50		01.25	Hebbe Circle to Hebbe APC	N: 13 31' 41.8" E: 75 34' 17.7" N: 13 32' 00.2" E: 75 33' 53.5"
				01.50		0.75	Hebbe Circle to Kalkove APC	N: 13 31' 41.8" E: 75 34' 17.7" N: 13 33' 13.7" E: 75 34' 54.8"
				05.00		02.50	Kalkove APC to Save APC	N: 13 33' 13.7" E: 75 34' 54.8" N: 13 34' 36.6" E: 75 35' 47.6"
				06.00		03.00	Jannachari Circle to Hinnarikhan circle	N: 13 23' 34.41" E: 75 29' 19.01" N: 13 23' 55.33" E: 75 29' 36.91"
				01.50		0.75	Godkal Circle to Gurupura Road	N 13* 36' 05.8" E 075* 44' 29.0" N 13* 37' 26.3" E 075* 44' 18.9"
				04.00		02.00	Lalbghat Katri to Lalbghat Gate	N 13* 35' 42.4" E 075* 40' 07.8" N 13* 34' 30.4" E 075* 40' 09.5"
				05.00		02.50	Kejige Cross to D K Gudda vare	N 13* 35' 37.5" E 075* 43' 09.8" N 13* 37' 14.5" E 075* 44' 21.1"
				03.00		01.50	Anegundi Katri to SVT gate	N 13* 35' 27.2" E 075* 40' 09.2" N 13* 34' 32.1" E 075* 39' 02.1"
				06.00		03.00		
		Sub Total (b)		59.50		33.75		
		Sub Total (a+b)		217.30		112.65		
21	Anti-Poaching & Anti-Smuggling Activities							
I.	Anti-Poaching Camps							
	Deployment of local work force of 4 members for each APCs from 1-4-2017 to 31-3-2018=365 Days x 39 Camps x 4 persons x 324/day=184.486 lakhs.	16.1	154.516	39 camps		184.48	All Ranges	Muthodi Range: 07 Nos 1.Kesave-N:13'28'59.3" E:75,37'35.9" 2.Uddimakatte-N:13'27'57.3" E:75'36'01.6" 3.Hipla-N:13'27'57.3" E:75'36'58.0" 4.Kaske-N:13'27'57.3"

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								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"
II	Monsoon protection camp Deployment of 5 labourers for monsoon protection works from- 01-06-2017 to 30-09-2017=122 days x 4 camps x 5 Nos x 324/day=7.901 lakhs.	16.1	7.173	4 camps	324/day	7.90	All Ranges	1. Kesave- N:13°28'59.3" E:75°37'35.9" 2. Hebbe- N:13°32'01.1" E:75°33'53.8" 3. Sukalahatti- N:13°40'12.8" E:75°35'34.3" 4. Lalbhagh- N:13°37'45.0" E:75°44'05.6"
III	River Patrolling in Boats							
A	Deployment of 1 boat driver and 3 labours each for river patrolling in boats From: 01.04.2017 to 31.03.2018=365 days *2 teams* 4 Nos x 324/day=9.461 Lakhs.	16.1	8.585	2 teams		9.46		1. Hebbe- N:13°32'01.1" E:75°33'53.8" 2. Saave- N:13°36'13.3" E:75°34'58.0"
B	Wages to protection vehicle drivers From 01-04-2017 to 31-03-2018 =365 days * 15 Nos * 335/day= 18.341 lakhs.	16.1	16.643	15 Nos		18.34	All Ranges	-
IV	Fire Protection points (FPP)							
	Deployment of local fire watchers of 5 members for each fire protection camps From 1-4-2017 to 31-05-2017 and 15-01-2018 to 31-03-2018=137 days*5 Nos*52 camps * 400/day=142.480 lakhs (Including food charges)	16.3.1	104.716	52 Teams		142.48	All Ranges	-
V	Hiring of Jeeps for Fire Patrolling and protection							
	Hiring Jeeps during the fire season from 1-4-2017 to 31-05-2017 and 15-01-2018 to 31-03-2018=137 days (@ Rs.1500/day)	16.3.1	4.653	4 Nos	1500/day	8.22	All Ranges	-
22	Other Protection watchers and daily wages Wages of wireless operators, gate operators, watchmen, cooks, Data entry operators, etc. From 01.04.2017 to 31.03.2018=365 Days							
a.	Data entry operator - 357/day	16.1	8.278	7 Nos		9.12	All Ranges	-
b.	Literate Assistant - 357/day	16.1	4.730	4 Nos		5.21	All Ranges	-
c	Wireless Operator - 340/day	16.1	10.150	9 Nos		11.16	All Ranges	-
d.	Peons - 324/day	16.1	6.438	6 Nos		7.09	All Ranges	-
e.	Day/Night Watchers 324/day	16.1	6.438	6 Nos		7.09	All Ranges	-
f.	Cooks Assistant 324/day	16.1	3.219	3 Nos		3.54	All Ranges	-
g.	Gate Watchers 324/day	16.1	4.292	10 Nos		11.82	All Ranges	-
h.	Sanctuary Gate Watchers 324/day	16.1	4.292	4 Nos		4.73	Muthodi	-
	Sub Total			49		59.76		
23	Providing water supply to APC							
a	Cleaning of Open Well	16.2.16	1.800	1 No		0.30	Uddinakatte APC	N:13° 27' 35.2" E:75° 36' 00.3"
b	Water Supply to APCs	16.2.16	6.200	1 No		0.80	Madhuguni APC	N:13 23' 33.9" E: 75 29' 11.1"
	C			1 No		0.90	Shirgola Forest Guard Quarters at thrasmata	N: 13 25' 57.31" E: 75 30' 20.97"
	Sub Total			03 Nos.		02.00		
24	Protection from Fire:							
	Fire line clearance (in Kms)							
(i)	Along sanctuary roads	16.2	11.210				All Ranges	-
(ii)	Along patrolling paths						All Ranges	-
(iii)	Along Sanctuary boundary						All Ranges	-
(iv)	Maintenance of fire lines in internal roads.			708 kms			Muthodi	-
						25.33	Lakkavalli	-
25	Infrastructure Development							
a	Repairs & Renovation of existing. Bison Room Nature camp	16.1	-	1 No	01.00	1.00	Muthodi	N: 13 26' 09.1" E: 75 38' 32.3"
b	Construction of Arch at the main entrance of the Tiger Reserve in Muthodi Range.		-	1 No	05.00	5.00	Honnahalla	N: 13 26' 09.1" E: 75 38' 32.3"

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c	Construction of Arch at the main entrance of the Tiger Reserve in Hebbe Range.			1 No 03 Nos.	05.00	5.00 11.00	Near Khandya checking gate	
	Sub Total							
26	ECO-TOURISM PLAN							
(i)	Signage		2.000	6 Nos		2.00	Eco-Tourism zone of TR.	-
(ii)	Hording		-	4 Nos		1.00	Eco-Tourism zone of TR.	-
(iii)	Publicity and print media		1.000	20 Nos		0.50	Eco-Tourism zone of TR.	-
	Sub Total			30		03.50		
27	OFFICE EXPENDITURE							
	Electricity charges, Phones & Stationary equipments.	16.2.28	5.00	LS		5.00	All Ranges	-
28	EFFECTIVE CHECKING OF HUMAN-ANIMAL CONFLICT							
	Maintenance of EPT	16.4.2	10.00	4 kms/ 9600 cum		11.93	Gadikallu to Kakanahasudi kere	N:13o 44'57.8" E:0750 33' 94.2" N:13o 44'81.5" E:0750 32' 98.9"
				1.6 Kms/ 3800 cum		4.72	Gadikallu to Karikallumatti D line	N:13° 44'10.8" E:0750 33' 36.0" N:13° 44'81.5" E:0750 32' 98.9"
	Sub Total					16.65		
29	Staff Development							
a.	Exposure visits of Officers/officials to visit the other Tiger Reserves in the country.	16.8	1.500	LS		0.50	All Ranges	-
b.	Specialized training to field Staffs in management planning for capacity building.	16.8.3	1.500	2 Nos		0.50	Division	-
30	Wildlife Conservation Awareness							
	Conducting awareness programs to School/Collage, Students/ Villagers & Publics.	16.17.3	7.500	5 Nos		3.75	Muthodi	-
31	Essential to Anti-poaching Staffs							
a.	Warm cloths		1.248	LS		7.50	All Ranges	-
b.	Rain Coats						All Ranges	-
c.	Uniforms, Shoes, Sacks, Leather belt & Caps etc.						All Ranges	-
d.	Leach sacks (2 sets)						All Ranges	-
e.	Torches						All Ranges	-
f.	Utensils						All Ranges	-
g.	Medicals facilities						All Ranges	-
h.	Insurance facilities						All Ranges	-
i.	Purchase of mosquito net/ field kit, torches & other essential Items.						All Ranges	-
32	Essential to Front line permanent staffs							
a.	Warm cloths		1.520	LS		7.87	All Ranges	-
b.	Rain Coats						All Ranges	-
c.	Uniforms, Shoes, Sacks, Leather belt & Caps etc.						All Ranges	-
d.	Leach sacks (2 sets)						All Ranges	-
e.	Torches						All Ranges	-
f.	Medical facilities						All Ranges	-
g.	Insurance facilities						All Ranges	-
	Recurring Core					749.45		
	Recurring Buffer							
33	Awareness Generation							
	Celebration of Wildlife week Printing calendars, brochures/ pamphlet etc, during wildlife week	16.5	1.00	LS		0.50	All Ranges	-

34	Fire Protection points (Buffer Area)							
	Deployment of local fire watchers of 5 members for each fire protection camps From 1-4-2017 to 31-05-2017 and 15-01-2018 to 31-03-2018=137 days*5 Nos*10 camps * 400/day=27 400 lakhs (Including food charges)	16.1	20.14	10 camps		27.40	All Ranges	-
35	ECO-DEVELOPMENT							
a.	Conducting Health check-up camps for the EDC's		1.50	LS		1.20	All Ranges	-
b	Award and incentive to the villagers							
	Award and incentive to the villagers contribute protection and information	16.5	1.00	LS		1.00	All Ranges	-
36	Fostering Eco-tourism in Tiger Reserves							
a	Engaging one Naturalist for 365 days	16.5	2.00	1 No		2.00	Division	-
b	Engaging one Guide for 365 days		1.50	1 No		1.50	Division	-
37	Weapon training to staff							
	Servicing of arms and ammunition and weapons training to field staff (through Police Department)	16.8	1.00	LS		1.00	All Ranges	-
	Recurring Buffer					34.60		
	Grand Total (Non-Recurring Core + Recurring Core + Recurring Buffer)					160.13 + 749.45 + 34.60 = 944.18		

(Rs. In Lakhs)

S. No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	160.13	96.08
2.	Recurring (50%)	784.05	392.03
	Total	944.18	488.11

(Rs. In Lakhs)

Cost of APO including State's share	A	944.18
Center's share in APO	B	488.11
1 st release @ 80% of Center's share	E=0.8*D	390.49
Less: Unspent balance FY 16-17 including amount to be adjusted due to revised funding pattern	F	43.35
Adjusted 1 st release	G=E-F	347.14
2 nd release @ 20% of Center's share	I=0.2*D	97.62

* Ecodevelopment 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 the tiger reserve and the local people.

Nishant Vena