

No. 4-1(26)/2016-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

B-1 Wing, 7th Floor,
Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi-110003
Tel. (EPABX) +91 11 2436 7837- 42
Fax No. +91 11 2436 7836
E-mail: dig-ntca-mef@nic.in

Dated the 2nd August, 2016

To,

The Sr. 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 2016-17.

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. 972.926 Lakhs (Rupees Nine hundred Seventy Two Lakhs Ninety Two thousand Six hundred only)** as per details given in the annexure. Of the total cost of the scheme, Rs. 672.068 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. 380.4284 lakhs (Rupees Three hundred Eighty Lakhs Forty Two thousand Eight hundred Forty only)** including of 10% flexi-fund to the State Government towards the Grants-in-aid to Government of Karnataka during the current financial year 2016-17. 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 2005, 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 of Ministry of Finance have been obtained for such discrepancies as required under GFR 208(6)(iv)(a).

- (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 31.3.2017.
- (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 2016-17 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 209(xiii).
- (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) Payments are made by bank transfer and no cash payment is to be made.



- (xxii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.
- (xxiii) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work to be uploaded in the website of the State Government and Centre for public viewing.
- (xxiv) The UCs with photographs and progress report are to be uploaded in the website of the State Government and Ministry for public viewing.
- (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 of employees shall be furnished.
- (xxvii) UC is to be submitted as prescribed in GFR.
- (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 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 Planning Commission and 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. **Further, Ministry of Finance, D/o of Expenditure, Plan Finance-II Division, vide O.M.No.55(5)/PF.II/2011 dated 06-01-2014, has introduced a flexi fund component within the Centrally Sponsored Schemes (CSS) to achieve the following objectives:**

- i) **To provide flexibility to States to meet local needs and requirements within the overall objective of each programme or scheme;**



- ii) To pilot innovations and improved efficiency within the overall objective of the scheme and its expected outcomes;
- iii) To undertake mitigation/restoration activities in case of natural calamities in the sector covered by the CSS.

The flexi-fund will be utilized by the State Government as per the guidelines issued by the Ministry of Finance, Government of India, read with guidelines of the Centrally Sponsored Scheme of Project Tiger in vogue, for utilisation in the tiger reserve.

8. 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.

9. 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, 3601.02- Grants for State Plan Scheme, 3601.02.659-Environmental Forestry and Wildlife – Wildlife Preservation, 3601.02.659.04- Integrated Development of Wild Life Habitats, 3601.02.659.04.03- Project Tiger, 3601.02.659.04.03.31- Grants-in-aid General for the year 2016-17 (Plan).

10. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 410/AS & FA dated 27.7.2016.


Yours faithfully,


(Sanjay Kumar)

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 2016-17 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.


(Sanjay Kumar)

Deputy Inspector General of Forests (PT)

**BHADRA TIGER RESERVE, KARNATAKA
ANNUAL PLAN OF OPERATION FOR THE YEAR 2016-17**

(Rs. In Lakhs)

SL. No.	Item of works	Para No of CSS PT Guidelines/Indicative TCP	Previous financial year		Current year Proposal				GPS Coordinates	Justification
			Financial		Location	Physical Target	Unit cost (in Lakhs)	Financial Target (in Lakhs)		
			Target	Achievement						
A. NON-RECURRING(Core)										
1	Construction of culverts									
	Construction of Culverts	16.2	-	-	Betegi plantation	1 No	1,000	1,000	N-13° 31' 18.8" E-75° 38' 00.9"	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.
			-	-	Puradahadlu culvert	1 No	1,000	1,000	N-13° 31' 28.5" E-75° 39' 06.1"	
			-	-	Karuvane-Doddahadlu-1st	1 No	1,000	1,000	N-13° 31' 28.5" E-75° 38' 32.1"	
			-	-	Karuvane - Doddahadlu-lind	1 No	1,000	1,000	N-13° 31' 68.4" E-75° 38' 24.6"	
			-	-	Hulikal End culvert	1 No	1,000	1,000	N-13° 31' 24.3" E-75° 37' 51.8"	
			-	-	Doddappu Camera Point	1 No	1,000	1,000	N:13°44' 16.3" E:75° 35' 51.5"	
			-	-	Basavana kere Kovu	1 No	1,000	1,000	N:13°43' 33.4" E:75° 34' 41.8"	
			-	-	Maridibba road	1 No	1,000	1,000	N:13°44' 51.3" E:75° 35' 23.9"	
			-	-	Bidirumale Circle road 1 st Halla	1 No	3,000	3,000	N:13° 39' 20.8" E:075° 41' 01.1"	
			-	-	Bidirumale Circle road 2nd Halla	1 No	3,000	3,000	N:13° 39' 05.5" E:075° 40' 52.8"	
			-	-	Siddri Honda	1 No	5,000	5,000	N:13° 44' 58.7" E:075° 36' 10.9"	
2	Construction of Causeway.									
	Construction of causeway	16.2	-	-	Mavinahalla road	1 No	1,600	1,600	N:13° 38' 41.7" E:075° 39' 12.3"	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.
			-	-	Deviation road	1 No	1,600	1,600	N:13° 37' 11.6" E 75° 39' 05.6"	
			-	-	Kadukuri road	1 No	1,600	1,600	N:13° 37' 37.3" E 75° 39' 10.5"	
			-	-	Kali road	1 No	1,600	1,600	N:13° 38' 01.8" E 75° 39' 03.6"	
			-	-	Kesarahalla Bridge	1 No	1,600	1,600	N-13° 31'11.9" E-075° 39'12.1"	
3	Construction of New Bridges									
	Construction of New Bridges	16.2	-	-	Melugiri halla sethuve	1 No	12,000	12,000	N:13° 32' 07.7" E 75° 40'16.8"	Strengthening the physical assets like the road network for

			-	-	Siddri Camp road	1 No	5.000	5.000	N:13° 43' 27.7" E: 75° 36' 27.7"	effective and timely response to the emergency situations and the overall protection of the tiger reserve.
4	Construction of New Anti Poaching camps									
	Construction of New AP camps	16.2	-	-	Near khandya Gate	1 No	4.000	4.000	N:13° 23' 15.4" E:75° 31' 22.3"	The present APC is in dilapidated condition. Hence the proposal to construct the new facility.
					Virupakshakhan	1 No	7.000	7.000	N-13° 30' 09.9" E-75° 44' 11.4"	This portion of the Tiger Reserve is not covered by the presence of APCs. Hence it is proposed to construct these two new AP Camps to strengthen the protection network.
					Lingapura	1 No	7.000	7.000	N-13° 44' 21.5" E-75° 32' 25.8"	
5	Construction of New Checking gates									
	Construction of Checking gates	16.2	-	-	Khandya	1 No	4.000	4.000	N: 13 22' 39.5" E: 75' 31' 32.6"	This portion / periphery of the Tiger reserve donot have the checking gates, Hence it is proposed to construct the checking gates along with minimum civil infrastructure for the watchers to man these checking gates on 24 hours basis.
					Khodi	1 No	4.000	4.000	N: 13 33' 18.6" E: 75' 34' 43.4"	
					Konkalamane	1 No	4.000	4.000	N: 13 28' 49.3" E: 75' 35' 33.4"	
6	HUMAN RESOURCE DEVELOPMENT									
	BTR Director Office Staff:									
a.	Project Allowance to different category of staff from 1-4-2016 to 31-3-2017=12 Months									
	i. Director @ Rs.2000/month	16.15	0.240	0.240	All Ranges	1	2000/Month	0.180		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. 24 daily wage employes 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 01-04-2016 to 31-03-2017
	ii. Assistant Director 2 Nos. @ Rs.1300/month		0.312	0.312	All Ranges	2	1300/month	0.312		
	iii. Range Forest Officers 4 Nos. @ Rs. 1000/month		0.480	0.480	All Ranges	4	1000/month	0.480		
	iv. Forester 17 Nos. @ Rs.900/month		1.512	1.512	All Ranges	17	900/month	1.836		
	v. Forest Guards 38 Nos. @ Rs. 700/month		2.688	2.688	All Ranges	38	700/Month	3.192		
	vi. Forest watchers 52 Nos. @ Rs. 700/month		3.612	3.612	All Ranges	52	700/Month	4.368		
	vii. Drivers 3 No. @ Rs.		-	-	All Ranges	3	700/Month	0.252		

	700/month								
	viii. Care Taker 2 No. @ Rs.700/-month		0.084	0.084	All Ranges	2	700/Month	0.168	
	ix. Ane Mavutha 1 No. @ Rs.700/-month		0.084	0.084	All Ranges	1	700/Month	0.084	
	i. Superintendent 1 No. @ Rs. 700/month		0.084	0.084	All Ranges	1	700/Month	0.084	
	ii.FDA 3 No. @ 700/-month		0.252	0.252	All Ranges	3	700/Month	0.252	
	iii.SDA 2 No. @ 700/-month		0.168	0.168	All Ranges	2	700/Month	0.168	
	iv.Surveyer 1 No.@700/-		-	-	All Ranges	1	700/Month	0.084	
	v. Typist 1 No. @ 700/-month		-	-	All Ranges	1	700/Month	0.084	
	vi. Peon 1 No. @ Rs.400/-PM		0.048	0.048	All Ranges	1	400/Month	0.048	
	vii. Regularised Daily wage employees of BTR unit 24 Nos. @ Rs.400/-month		-	-	All Ranges	24	400/Month	1.152	
7	Ration allowance @860/- PM to filed staff working on regular pay rolls from 01-04-2016 to 31-03-2017=12 Months								
	i). DRFOs - 17	16.1	1.444	1.444	All Ranges	17	860/pm	1.754	As per the Notification of Government of India(NTCA), New Delhi. No.15-31/2012, dtd 06-06-2014. Ration allowance is to be provided to the front line staff from 01-04-2016 to 31-03-2017 (113 Nos x 860/person/month x 12 Months=11.662 lakhs).
	ii). Forest Guards - 38		3.302	3.302	All Ranges	38	860/pm	3.922	
	iii). Forest watchers - 52		4.437	4.437	All Ranges	52	860/pm	5.366	
	iv). Drivers -3		-	-	All Ranges	3	860/pm	0.310	
	v). Care Taker - 2		-	-	All Ranges	2	860/pm	0.206	
	vi). Ane Mavuth - 1		0.103	0.103	All Ranges	1	860/pm	0.104	
8	Payment of compensation for Human - animal conflict.	16.4.1	-	-	All Ranges	LS	LS	5.000	Compensation for crop damage and wildlife attack as per the existing norms of the State Government.
9	Construction of Front line staff Quarters								
	Construction of Forest Guard Quarters	16.1.4	-	-	Khodi	1 Nos	12.000	12.000	N:13° 33' 13.5" E: 75° 34' 47.8" No residential facilities exists at present, hence the proposal to provide the residential facilities to the front

			-	-	Thrasmutta	1 Nos	12,000	12,000	N-13° 25' 58.2" E: 75° 30' 22.8"	line staff, to enable them to discharge their duties in an effective way. The cost norm adopted is as per the State Government prescribed unit cost for group 'C' employees.
10	Construction of New Fire watch Towers.									
a.	Construction of New Fire watch Towers.	16.2.9	-	-	Kesarahalla	1 Nos	5,000	5,000	N-13° 35' 47.3" E-75° 44' 28.1"	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 construct the fire watch towers at vantage points.
					G.B.halli	1 No	5,000	5,000	N-13° 37' 45.0" E-75° 44' 05.6"	
11	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	-	-	All Ranges	110 Nos	0.160	20,000		Effective implementation of Phase-IV protocol & M-STRIPES.
b.	Purchase of range finders	16.2.28	-	-	All Ranges	10 Nos	0.200	2,000		
c.	Purchase of Campass	16.2.28	-	-	All Ranges	10 Nos	0.100	1,000		
d.	Purchase of GPS units.	16.2.28	-	-	All Ranges	15 Nos	0.110	1,650		
e.	Purchase of Night vision binoculars & Night vision devices.	16.1.21	-	-	All Ranges	5 Nos	1,000	2,000		
f.	Field work cost on laying out of transect, 8 days protocol, logistics and reporting	16.7.1	3,000	3,000	All Ranges	LS	LS	4,000		Effective implementation of Phase-IV protocol & M-STRIPES.
g.	Implementation of M STRIPES in Bhadra Tiger Reserve	16.7.1	2,000	2,000	All Ranges	LS	LS	4,000		
h.	Procurement of fabricated cage	16.4.4	-	-	All Ranges	1 No	1,250	1,250		Effective management of human- wildlife conflict.
i.	Purchase of nets	16.4.4	-	-	All Ranges	4 Nos	0.440	1,760		
12	Procurement of vehicles									
A.	Procurement of new Scorpio Vehicle to the Director of BTR for protection & Management.	16.1.19	-	-	Procurement of Mahindra Scorpio Vehicle for Director of BTR.	1 No	12,000	12,000		Procurement of Mahindra Scorpio Vehicle for Director of BTR. in place of the condemned vehicle No KA-18 G-618, 2003 Model declared unfit by the RTO Chikmagalur vide letter No:CHIMA/MOU.MAP ANA/2013-14, DATED:24-09-2013. (copy of condemnation order in kaannada is enclosed.)

B.	Procurement of Vehicle for the protection & Management to the RFO Muthodi.	16.1.19	-	-	Field Vehicle (CRD engine Mahindra Thar Jeep) is required to RFO Muthodi for better protection duty.	1 No	8.000	8.000		CRDe engine Mahindra Thar Jeep is to be procured for the use of RFO Muthodi Range in place of the condemned vehicle No KA-18 G-3020, 1996 Model declared unfit by the RTO Chikmagalur vide letter No:CHIMA/MOU.MAP ANA/2013-14, DATED:24-09-2013.
Total Non Recurring Core								195.066		
B.RECURRING (Core)										
13	Maintenance of APC									
	Maintenance of APC	16.2	-	-	Uddinakatte APC	1 No	4.000	2.000	N: 13' 27' 35.2" E:75' 36' 00.3"	These APCs are not only very old but lack certain basic facilities like the drinking water supply, toilet, solar lighting system etc., hence it is proposed to renovate / upgrade / undertake special repairs / addition of the basic facilities. Hence, the proposal.
					Kalkove APC	1 No	4.000	2.000	N: 13' 33' 13.7" E:75' 34' 58.4"	
					Hebbe APC	1 No	4.000	2.000	N: 13' 32' 01.0" E:75' 33' 54.3"	
					Jenhalla	1 No	4.000	2.000	N: 13' 36' 13.3" E:75' 34' 58.0"	
					Maingate	1 No	4.000	2.000	N: 13' 40' 89.8" E:75' 39' 69.0"	
14	Maintenance of patrolling vehicles									
	i)Fuel Charges	16.2	3.278	2.000	All Ranges	LS	LS	10.000		There are 33 Protection vehicles in the reserve. The increase in the budgetary requirement under this item for the current year is due to the increase in fuel and maintenance cost of the old vehicles.
	ii)Repairs	16.2	2.000	0.495	All Ranges	LS	LS	4.000		
15	Boats maintenance									
	Fuel and Repairs	16.2	3.000	3.000	Lakkavalli & Hebbe	LS	LS	6.000		The river patrolling by boat is of essential in nature increase in the budgetary requirement is due the fact that the boats need major repair.
16	Maintenance of wireless network									
	Maintenance of wireless network	16.2	-	-	Mullaianagiri Repeater	1 Nos	1.500	1.500	N:13' 23' 27.24"E: 75' 43' 17.04"	Effective maintenance, AMC and the small repairs etc., of the wireless communication network.
					Gangegiri Repeater	1 Nos	0.500	0.500	N:13' 27' 0.57" E: 75' 33' 17.3"	
					Somavahini APC	1 Nos	0.250	0.250	N:13' 29' 42.6" E: 75' 35' 05.4"	
					Hebbe APC	1 Nos	0.250	0.250	N:13' 32' 01.0" E:75' 33' 54.3"	
					Kalkove APC	1 Nos	0.250	0.250	N:13' 33' 13.7" E:75' 34' 58.4"	
					Thegaragudda APC	1 Nos	0.250	0.250	N:13' 30' 07.9" E: 75' 32' 27.4"	
					Bogase APC	1 Nos	0.250	0.250	N:13' 24' 04.1" E: 75' 34' 32.7"	
					Konkalamane APC	1 Nos	0.250	0.250	N:13' 28' 51.1" E: 75' 35' 38.7"	
					Khodi APC	1 Nos	0.250	0.250	N:13' 33' 13.5" E: 75' 34' 47.8"	
					Madhuguni APC	1 Nos	0.250	0.250	N:13' 23' 33.9" E: 75' 29' 11.1"	
					Kaske APC	1 Nos	0.250	0.250	N:13' 30' 02.5" E:075' 42' 35.3"	

					Madalagodu APC	1 Nos	0.250	0.250	N:13° 30' 20.7" E:75° 41' 48.9"	
					Karanji APC	1 Nos	0.250	0.250	N:13° 26' 52.9" E:75° 41' 30.6"	
					K.K.Mutt APC	1 Nos	0.250	0.250	N:13° 24' 03.8" E:75° 39' 18.5"	
					Uddinakatte APC	1 Nos	0.250	0.250	N:13° 27' 35.2" E:75° 36' 00.3"	
					Hipla APC	1 Nos	0.250	0.250	N:13° 30' 57.1" E:75° 36' 45.9"	
					Kesave APC	1 Nos	0.400	0.400	N:13° 28' 58.4" E:75° 37' 36.8"	
					BRP IB Repeter	1 Nos	1.000	1.000	N 13° 42' 40.2"E:75' 37' 45.6"	
					RFO Office	3 Nos	0.250	0.750	N 13° 41'53.1" E:75° 38'47.7"	
					Tadasa	1 No	0.250	0.250	N:13° 37' 51.9" E:75° 34' 28.2"	
17	Strengthening of existing Solar Power lighting systems.									
	Provision of Solar Panels Strengthening of existing Solar Power lighting systems.	16.2	-	-	K.K.Mutt APC	1 Nos	0.200	0.200	N:13° 24' 03.8" E:75° 39' 18.5"	The existing Solar Power lighting system in APC is very old, hence in need of replacement.
Uddinakatte APC					1 Nos	0.200	0.200	N:13° 27' 35.2" E:75° 36' 00.3"		
Kesave APC					1 Nos	0.200	0.200	N:13° 28' 58.4" E:75° 37' 36.8"		
Somavahini APC					1 Nos	0.200	0.200	N:13° 29' 42.6" E:75° 35' 05.4"		
Hebbe APC					1 Nos	0.200	0.200	N:13° 32' 01.0" E:75° 33' 54.3"		
Kalkove APC					1 Nos	0.200	0.200	N:13° 33' 13.7" E:75° 34' 58.4"		
Thegaragudda APC					1 Nos	0.200	0.200	N:13° 30' 07.9" E:75° 32' 27.4"		
Bogase APC					1 Nos	0.200	0.200	N:13° 24' 04.1" E:75° 34' 32.7"		
	Provision of Solar Panels Strengthening of existing Solar Power lighting systems.	16.2	-	-	Konkalamane APC	1 Nos	0.200	0.200	N:13° 28' 51.1" E:75° 35' 38.7"	The existing Solar Power lighting system in APC is very old, hence in need of replacement.
Siddri					1 Nos	0.200	0.200	N:13° 43' 15.1" E:75° 37' 42.0"		
Chowdikatte					1 Nos	0.200	0.200	N:13° 44' 29.6" E:75° 33' 58.6"		
Aldhara					1 Nos	0.200	0.200	N:13° 45' 35.3" E:75° 36' 09.0"		
Kundur					1 Nos	0.200	0.200	N:13° 39' 58.3" E:75° 40' 27.2"		
Byrekhan					1 Nos	0.200	0.200	N:13° 33' 40.0" E:75° 38' 38.7"		
Sukalalhatti					1 Nos	0.200	0.200	N:13° 36' 52.8" E:75° 39' 04.3"		
Maingate					1 Nos	0.200	0.200	N:13° 40' 09.8" E:75° 39' 69.0"		
18	Strengthening of existing Solar Power lighting systems.									
	Strengthening of existing Solar Power lighting systems.	16.2	-	-	Nature Camp	10 Nos	0.200	2.000	N:13° 26' 09.1" E:75° 38' 32.3"	The existing Solar Power lighting system in APC is very old, hence needs strengthening.
RFO Quatres					1 Nos	0.100	0.100	N:13° 26' 03.7" E:75° 38' 33.3"		
K.K.Mutt APC					1 Nos	0.100	0.100	N:13° 24' 03.8" E:75° 39' 18.5"		
RFO Office					1 Nos	0.100	0.100	N:13° 26' 04.1" E:75° 38' 35.2"		
Siddri					1 Nos	0.100	0.100	N:13° 43' 15.1" E:75° 37' 42.0"		
Chowdikatte					1 Nos	0.100	0.100	N:13° 44' 29.6" E:75° 33' 58.6"		
Aldhara					1 Nos	0.100	0.100	N:13° 45' 35.3" E:75° 36' 09.0"		
Tammadihalli					1 Nos	0.100	0.100	N:13° 45' 21.3" E:75° 37' 42.0"		
Kundur					1 Nos	0.100	0.100	N:13° 39' 58.3" E:75° 40' 27.2"		
N.H.					1 Nos	0.100	0.100	N:13° 39' 66.0"		

									E:75' 42' 19.9'		
					Sukalalhatti	1 Nos	0.100	0.100	N:13' 36' 52.8" E:75' 39' 04.3"		
					Saave	1 Nos	0.100	0.100	N:13' 34' 37.7" E:75'35' 47.1"		
					Byrekhan	1 Nos	0.100	0.100	N:13' 33' 40.0" E:75'38' 38.7"		
					Hosahalli	1 Nos	0.100	0.100	N:13'40' 12.8" E:75'35' 34.3"		
					Jenhalla	1 Nos	0.100	0.100	N:13' 36' 13.3" E:75'34' 58.0"		
					Tadasa	1 Nos	0.100	0.100	N:13' 37' 51.9" E:75' 34' 28.2"		
					Maingate	1 Nos	0.100	0.100	N:13' 40' 89.8" E:75'39' 69.0"		
					Office	1 Nos	0.100	0.100	N:13' 41' 53.3" E 75' 38' 47.6"		
					Kalkove APC	1 Nos	0.100	0.100	N:13' 33' 13.7" E:75' 34' 58.4"		
					Somavahini APC	1 Nos	0.100	0.100	N:13' 29' 42.6" E:75' 35' 05.4"		
					Hebbe APC	1 Nos	0.100	0.100	N:13' 32' 01.0" E:75' 33' 54.3"		
					Khodi APC	1 Nos	0.100	0.100	N:13' 33' 13.5" E:75' 34' 47.8"		
					Thegaragudda APC	1 Nos	0.100	0.100	N:13' 30' 07.9" E:75' 32'27.4"		
					Konkalamane APC	1 Nos	0.100	0.100	N:13' 28' 51.1" E:75' 35' 38.7"		
19	Infrastructure Development of APC										
a.	Procurement of solar lamps to APC.	16.1	-	-	Hebbe APC	1 No	0.100	0.750	N:13' 32' 01.0" E:75' 33' 54.3"	It is proposed to provide the new mobile solar powered lights to the APC staff .	
			-	-	Somavahini APC	1 No	0.100		N:13' 29' 42.6" E:75' 35' 05.4"		
			-	-	Santhaveri	1 No	0.100		N-13' 31' 54.2" E- 75' 46' 54.4"		
			-	-	Kemmangundi	1 No	0.100		N-13' 33' 31.7" E- 75' 44' 58.0"		
			-	-	Saldana	1 No	0.100		N-13' 34' 44.5" E- 75' 41' 52.8"		
			-	-	Godkalmatti	1 No	0.100		N-13' 36' 40.5" E- 75' 44' 40.3"		
			-	-	Kesarahalla	1 No	0.100		N-13' 35' 47.3" E- 75' 44' 28.1"		
			-	-	G.B.Halli	1 No	0.100		N-13' 37' 45.0" E- 75' 44' 05.6"		
			-	-	Lalbhagh	1 No	0.100		N-13' 34' 56.1" E- 75' 40' 22.6"		
			-	-	C.N.Kere	1 No	0.100		N-13' 39' 48.0" E- 75' 42' 25.0"		
			-	-	K.M.Gundi Checking gate	1 No	0.100		N-13' 33' 31.7" E- 75' 44' 58.0"		
			-	-	Virupakshakan Checking gate	1 No	0.100		N-13' 30' 09.9" E- 75' 44' 11.4"		
			-	-	Jenukalgiri FG Quarters	1 No	0.100		N:13' 28' 51.3" E:75' 35' 39.2"		
			-	-	Nature Camp	1 No	0.100		N:13' 28' 09.1" E:75' 38' 32.3"		
			-	-	Hipla APC	1 No	0.100		N:13' 30' 57.1" E:75' 36' 45.9"		
b.	Procurement of Solar lighting system to New APCs.	16.1	-	-	Kaske APC	1 Nos	0.200	0.200	N:13' 30' 02.5" E:75' 42' 35.3"	These are the new APCs to be provided with solar lighting system.	
			-	-	Madalagodu APC	1 Nos	0.200	0.200	N:13' 30' 20.7" E:75' 41' 48.9"		
			-	-	Karanji APC	1 Nos	0.172	0.172	N:13' 28' 52.9" E:75' 41' 30.6"		
c.	Procurement of Solar	16.1	-	-	Sukalalhatti	1 Nos	0.250	0.250	N:13' 36' 52.8" E:75' 39' 04.3"	The existing Solar Power lighting system	

	lighting system.				Siddri	1 Nos	0.250	0.250	N:13' 43' 15.1" E:75' 37' 42.0"	is very old one, hence need to be replaced with the new one.
20	Habitat Improvement									
	Desilting of Tank	16.2.16	-	-	Hipla Kere (junction)	1 No	1.500	1.000	N-13' 30' 47.3" E-75' 36' 38.1"	To increase the water holding capacity of the existing tanks / water bodies in the reserve.
Doddahadlu kere					1 No	1.500	1.000	N-13' 28' 20.8" E-75' 28' 59.9"		
Chandranahadlu kere					1 No	1.500	1.000	N-13' 27' 49.9" E-75' 36' 57.6"		
Sangappanakere					1 No	1.500	1.000	N-13' 31' 47.7" E-75' 38' 47.1"		
Karalagundi kere					1 No	1.500	1.000	N-13' 31' 47.7" E-75' 37' 36.7"		
Karuvane doddahadlu kere					1 No	1.500	1.000	N-13' 31' 45.7" E-75' 38' 30.3"		
Mallakkanna Kere					1 No	1.500	1.000	N:13' 45' 52.1" E-75' 37' 10.3"		
Mallayyanna Kere					1 No	1.500	1.000	N:13' 45' 52.3" E-75' 36' 42.7"		
Doctor Kere					1 No	1.500	1.000	N:13' 44' 45.3" E-75' 36' 05.1"		
Chowdikatte Kere					1 No	1.500	1.000	N:13' 44' 32.4" E:75' 34' 46.4"		
Chowdikatte D line Kere					1 No	1.500	1.000	N:13' 44' 41.1" E:75' 34' 40.0"		
Gowri kere					1 Nos	15.000	12.000	N:13' 40' 19.9" E:75' 39' 48.6"	It is proposed to construct the new tank of a bigger capacity in a vantage location of the tiger reserve. Once it is commissioned will be a major source of water for the wild life catering to the all most 1/4th of the tiger reserve fauna.	
21					Habitat improvement - Maintenance of swamps (Hadlus) (Fodder plots)					
	Eradication of weeds such as eupatorium & lantana.	16.3.2	-	-	Hipla Hadlu	200 Ha	0.037	7.348		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 light growth of lantana/eupatorium. This area is to be de-weeded on yearly basis to check further spread & increase in density of lantana/eupatorium.
Hebbe					100 Ha	0.037	3.674			
Lakkavalli					200 Ha	0.037	7.348			
Tanigebyle					100 Ha	0.037	3.674			
22	Maintenance of road for Effective protection									
a.	Maintenance of roads	16.2	-	-	Kesave to Hipla	17	0.400	6.800	N-13' 28' 58.4" E-75' 37' 36.8" N-13' 30' 57.1" E-75' 36' 45.9"	Total existing protection road network is 930 Kms. Of this 184 Kms of road is proposed for maintenance/upgradati on this year. The rate adopted per Km. is as provided under the CAMPA scheme.
Melugiri to Madalagodu					17	0.400	6.800	N-13' 32' 62.6" E-75' 38' 53.1" N-13' 30' 20.7" E-75' 41' 48.9"		
Nature camp Ind Gate to Near RFO Office					17	0.400	6.800	N-13' 60' 09.1" E-75' 8' 32.3" N-13' 26' 04.1" E-75' 38' 35.2"		
Kaske to Madalagodu					15	0.400	6.000	N-13' 30' 02.5" E-75' 42' 35.3" N-13' 30' 20.7" E-75' 41' 48.9"		

					Karuvane to Kesarahalla (Puradahadu)	16	0.400	6.400	N-13' 30' 57.1" E-75' 36' 45.9" N-13' 31' 11.9" E-75' 39' 12.1"	
					Halagere circle to Nagarabhavi	15	0.400	6.000	N-13' 29' 43.8" E-75' 38' 11.7" N-13' 30' 15.7" E-75' 39' 30.7"	
					Hulekere to Doddahadu Machan	22	0.400	8.800	N-13' 28' 38.0" E-75' 39' 12.1" N-13' 28' 21.5" E-75' 39' 08.1"	
					Hipla to Gadikal	15	0.400	6.000	N-13' 30' 57.1" E-75' 36' 45.9" N-13' 31' 00.5" E-75' 36' 15.7"	
					Talabederi to Midlu Path circle	18	0.400	7.200	N-13' 29' 56.1" E-75' 37' 17.2" N-13' 29' 43.8" E-75' 37' 51.9"	
					Nagarabhavi to Halgekere	15	0.400	6.000	N-13' 29' 10.6" E-75' 41' 24.1" N-13' 30' 24.2" E-75' 40' 04.0"	
					Thegaragudda APC to Heggur circle, Hebbe APC to Gadikal	17	0.400	6.800	N-13' 30' 0.89" E-75' 32' 29.5" N-13' 28' 34.9" E-75' 31' 55.9"	
23	Anti Poaching & Anti Smuggling Activities									
1	Anti Poaching Camps									
	Deployment of local work force of 4 members for each APCs from 1-4-2016 to 31-3-2017=365 Days x 36 Camps x 4 persons x 293.98/day=154,516 lakhs.	16.1	119.274	119.274	All Ranges	36 camps	154.516	154.516	Multhodi Range: 07 Nos1. Kesave- N:13'28'59.3" E:75'37'35.9" 2.Uddinakatte- 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" 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: 08 Nos8. Kodi- N:13'27'56.0" E:75'32'10.8" 9.Thegaragudda- N:13'20'0.72" E:75'32'28.0" 10.Somavahini- N:13'29'42.6" E:75'35'05.5" 11.Konkalmane- 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.Bogase- N:13'24'04.1" E:75'34'32.0" Lakkav ali Range : 13 Nos16.Aldara- N:13'39'58.3" E:75'40'27.2" 17.Siddi-	4 Watchers for each of the APCs for effective patrolling/Protection. From 1-4-2016 to 31-3-2017=365 Days x 36 Camps x 4 persons x 293.98/day=154,516 lakhs.

										N:13°39'66.0" E:75°42'19.9" 18. Chowdikatte- N:13°36'52.8" E:75°39'04.3" 19. Kundur- N:13°34'37.7" E:75°35'47.1" 20. N.H-N:13°33'40.0" E:75°38'38.7" 21. U. B. halli- N:13°40'89.8" E:75°39'69.0" 22. Tadasa- N:13°37'51.9" E:75°34'28.2" 23. Saave- N:13°36'13.3" E:75°34'58.0" 24. Sukalahatti- N:13°40'12.8" E:75°35'34.3" 25. Jenuhalla- N:13°45'35.3" E:75°36'09.0" 26. Tammadhalla- N:13°43'15.1" E:75°37'42.0" 27. Hosalli- N:13°44'29.6" E:75°33'58.6" 28. Byrekhan- N:13°45'21.3" E:75°37'42.0" Tanigeb yle Range:08 Nos 29. Lalbhag- N:13°35'47.3" E:75°44'28.1" 30. Kemmanugundi- N:13°36'40.5" E:75°44'40.3" 31. G. B. Halli- N:13°34'44.5" E:75°41'52.8" 32. Channinkere- N:13°34'56.1" E:75°40'22.6" 33. Kesarahalla- N:13°37'45.0" E:75°44'05.6" 34. Godkalmatti- N:13°39'48.0" E:75°42'25.0" 35. Shantaveri - N:13°33'31.7" E:75°44'58.0" 36. Saldana - N:13°31'54.2" E:75°46'54.4"	
2	Monsoon protection camp										
	Deployment of 5 labourers for monsoon protection works from- 01-06-2016 to 30-09-2016=122 days x 5 Nos x 293.98/day= 7.173 lakhs.	16.1	7.272	7.272	All Ranges	4 camps	7.173	7.173	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. Kesarahalla- N:13°37'45.0" E:75°44'05.6"	5 Watchers in each of the 4 camps is proposed for effective patrolling during the monsoon season. From- 01-06-2016 to 30-09-2016=122 days x 5 Nos x 293.98/day=7.173 lakhs.	
3	River Patrolling in Boats										
a.	Deployment of 1 boat driver and 3 labours each for river patrolling in boats From: 01.04.2016 to 31.03.2017= 365 days *2 teams* 4 Nos	16.1	8.160	8.160	Hebbe & Lakkavalli	2 team	8.585	8.585	1. Hebbe- N:13°32'01.1" E:75°33'53.8" 2. Saave- N:13°36'13.3" E:75°34'58.0"	4 Watchers for each of the Boat patrolling team is required for effective patrolling of the river & the Back water of the Bhadra Reservoir. From: 01.04.2016 to 31.03.2017= 365 days *2 teams* 4 Nos x 293.98/day=8.585	

	x 293.98/day= 8.585 Lakhs.									Lakhs.
b.	Wages to protection vehicle drivers From 01-04-2016 to 31-03-2017 =365 days * 15 Nos * 303.980/day= 16.643 lakhs.	16.1	9.881	9.881	All Ranges	15 Nos		16.643		As there are 15 protection Vehicles, 15 Drivers are required for effective patrolling. From 01-04-2016 to 31-03-2017 =365 days * 15 Nos * 303.980/day=16.643 lakhs.
4	Fire Protection points (FPP)									
	Deployment of local fire watchers of 5 members for each fire protection camps From 1-4-2016 to 31-05-2016 and 15-01-2017 to 31-03-2017=137 days*5 Nos*26 camps * 293.98/day=1 04.716 lakhs.	16.3.1	49.630	49.630	All Ranges	52 Teams		104.716	104.716	52 Teams consisting of 5 watchers are to be deployed through the length and breadth of the core area for effective fire control. From 1-4-2016 to 31-05-2016 and 15-01-2017 to 31-03-2017=137 days*5 Nos*26 camps * 293.98/day=104.716 lakhs
5	Hiring of Jeeps for Fire Patrolling and protection									
	Hiring Jeeps during the fire season from 1-4-2016 to 31-05-2016 and 15-01-2017 to 31-03-2017=137 days (@ Rs.1700/day)	16.3.1	-	-	All Ranges	2 Nos		9.316	4.653	The hiring of vehicles during the fire season is very much essential to ferry people and other materials to combat fire in the vast expanse of the tiger reserve.
24	Other Protection watchers and daily wages									
	Deployment of wireless operators, gate operators, watchmens, cooks, Data entry operators, etc.,from 01.04.2016 to 31.03.2017=365 Days									
a.	Data entry operator - 323.980/day	16.1	38.315	8.440	All Ranges	7 Nos		8.278	8.278	This human resource is essential for the effective management of the entire Tiger Reserve.
b.	Literate Assistant - 323.980/day	16.1		3.165	All Ranges	4 Nos		4.730	4.730	
c.	Wireless Operator - 308.980/day	16.1		9.002	All Ranges	9 Nos		10.150	10.150	
d.	Peons - 293.980/day	16.1		18.910	All Ranges	6 Nos		6.438	6.438	
e.	Day/Night Watchers 293.980/day	16.1		3.782	All Ranges	6 Nos		6.438	6.438	
f.	Cooks Assistant 293.980/day	16.1		3.782	All Ranges	3 Nos		3.219	3.219	
g.	Gate Watchers 293.980/day	16.1		6.354	Lakkavalli & Tanigebyle	4 Nos		4.292	4.292	

h.	Sanctuary Gate Watchers 293.980/day	16.1		3.177	Muthodi	4 Nos	4.292	4.292		
25	Repair & Maintenance of Watch tower.									
a.	Repair & Maintenance of Watch tower.	16.3.1	-	-	Bogase	1 No	1.000	0.500	N-13° 25' 06.1" E: 75° 34' 07.3"	This is required for effective detection of fire incidents / Wildlife crimes / illegal movement of the offenders or poachers in the Tiger Reserve.
-			-	Kesarahalla	1 No	1.000	0.500	N-13° 35' 47.3" E: 75° 44' 28.1"		
-			-	G.B.halli	1 No	1.000	0.500	N-13° 37' 45.0" E: 75° 44' 05.6"		
-			-	Saldana	1 No	1.000	0.500	N-13° 34' 44.5" E: 75° 41' 52.8"		
-			-	Kemmangundi	1 No	1.000	0.500	N-13° 33' 31.7" E: 75° 44' 58.0"		
-			-	Lalbhagh	1 No	1.000	0.500	N-13° 34' 56.1" E: 75° 40' 22.6"		
-			-	C.N.kere	1 No	1.000	0.500	N-13° 39' 48.0" E: 75° 42' 25.0"		
-			-	Karanji watch tower	1 No	1.000	0.500	N-13° 39' 48.0" E: 75° 42' 25.0"		
-			-	Karanji	1 No	1.000	0.500	N:13° 26' 52.9" E:75° 41' 30.6"		
-			-	Kaske	1 No	1.000	0.500	N:13° 30' 02.5" E:75° 42' 35.3"		
-			-	Hulikere	1 No	1.000	0.500	N:13° 28' 38.0" E:75° 39' 12.1"		
-			-	Doddshadlu Machan	1 No	1.000	0.500	N:13° 28' 21.5" E:75° 39' 08.1"	This is required for effective detection of fire incidents / Wildlife crimes / illegal movement of the offenders or poachers in the Tiger Reserve.	
-			-	Gandhi machan	1 No	1.000	0.500	N:13° 44' 54.0" E:75° 36' 31.0"		
-			-	Kundur Machan	1 No	4.000	2.000	N:13° 39' 79.2" E:75° 40' 41.4"		
b.	Repair & Maintenance of Culverts	16.2.13	-	-	Near Talabidarekere	1 No	1.000	0.500	N:13° 29' 56.1" E:75° 37' 17.2"	To improve / maintain the road network for ease of accessibility to ensure effective perambulation.
-			-	Near Nagarabhavi kere	1 No	1.000	0.500	N:13° 30' 15.7" E:75° 39' 30.7"		
-			-	Public road -1st	1 No	1.000	0.500	N:13° 28' 29.6" E:75° 37' 47.2"		
-			-	Public road-2nd	1 No	1.000	0.500	N:13° 28' 20.6" E:75° 37' 58.3"		
c.	Repair & Maintenance of Bridges	16.2.13	-	-	Kesarahalla Bridge	1 No	1.500	1.000	N:13° 31' 11.9" E:75° 39' 12.1"	To improve / maintain the road network for ease of accessibility and to ensure effective perambulation.
-			-	Beetigehadlu Bridge	1 No	1.500	1.000	N:13° 31' 12.3" E:75° 38' 06.1"		
-			-	Hulihadlu 1st Bridge	1 No	1.500	1.000	N:13° 31' 11.0" E:75° 37' 53.5"		
-			-	Doddappu road-3	1 No	1.500	1.000	N:13° 43' 37.6" E:75° 36' 41.3"		
26	Providing water supply to APC									
a.	Cleaning of Open Well	16.2.16	-	-	Hebbe APC	1 No	0.300	0.300	N:13° 32' 01.0" E:75° 33' 54.3"	To provide hygienic water to the APC staff.

					Somavahini APC	1 No	0.300	0.300	N:13° 29' 42.6" E:75° 35' 05.4"	
					Office (S.M Pete)	1 No	0.300	0.300	N:13° 21' 37.6" E:75° 31' 44.6"	
					Hipla APC	1 No	0.300	0.300	N:13° 30' 57.1" E:75° 36' 45.9"	
					Karanji APC	1 No	0.300	0.300	N:13° 26' 52.9" E:75° 41' 30.6"	
					Sukalahatti	1 No	0.300	0.300	N:13° 36' 52.8" E:75° 39' 04.3"	
b.	Water Supply to APCs	16.2.16	-	-	Bogase	1 No	1.000	1.000	N:13° 25' 06.1 E: 75° 34' 07.3"	To supply hygienic drinking water to the APC's from nearest potable water sources by laying of PVC pipelines and pumps
					Hebbe	1 No	1.000	1.000	N:13° 32' 01.0" E:75° 33' 54.3"	
					Godkalmatti	1 No	1.200	1.200	N:13° 36' 40.5" E: 75° 44' 40.3"	
					Chowdikatte	1 No	1.000	1.000	N:13° 44' 29.6" E:75° 33' 58.6"	
					Siddri	1 No	1.000	1.000	N:13° 45' 35.4" E:75° 36' 07.6"	
					Tammadhalli	1 No	1.000	1.000	N:13° 45' 21.3" E:75° 37' 42.0"	
27	Protection from Fire:									
a.	Fireline clearance (in Kms)									
	i) Along sanctuary roads	16.2	18.900	18.900	All Ranges	461	4863.44/	11.210		It is required for effective control of fire incidences in the Tiger Reserve.
	ii) Along patrolling paths		7.097	7.097	All Ranges	498	1563.26/	3.893		
	iii) Along Sanctuary boundary		10.700	10.700	All Ranges	307	4863.44/	7.465		
	iv) Maintenance of fire lines in internal roads.		1.700	1.700	Lakkavalli	36	7347.33/	1.325		
			1.800	1.800	Muthodi	39	7347.33/	1.433		
28	Infrastructure Development									
a.	Repairs & Renovation of existing Tents & Dormitories	16.1	-	-	Muthodi	5 Nos	2.000	5.000	N:13° 26' 09.1" E:75° 38' 32.3"	For implementing the nature education / Eco-tourism activities in Muthodi Nature camp.
b.	Construction of Checking Gates & Arch at the main entrance of the Tiger Reserve in Lakkavalli Range.		-	-	Maingate-Lakkavalli	1 No	10.000	10.000	N:13° 40' 89.8" E:75° 39' 69.0"	A welcome arch with reasonably good infrastructure for manning the main entrance of the tiger reserve, it is proposed to construct a new civil structure.
c.	Maintenance of Sanctuary Gates		-	-	Khandya gate	1 No	1.000	0.500	N: 13° 22' 39.5" E:75° 31' 32.6"	Manning the important entry to the tiger reserve requires regular upkeep and maintenance of the existing entry gates.
			-	-	Khodi Gate	1 No	1.000	0.500	N:13° 33' 18.6" E:75° 34' 43.4"	
			-	-	Konkalamane Gate	1 No	1.000	0.500	N:13° 28' 49.3" E: 75° 35' 33.4"	
29	ECO - TOURISM PLAN									
	i) Signages	-	-	-	Eco-Tourism zone of TR.	6 Nos	0.333	2.000		Propaganda & Publicity activities in order to effectively communicate the message of conservation to the target group like the Tourists/Public/School/ Collage students /
	ii) Publicity and print media		0.500	0.500	Eco-Tourism zone of TR.	20 Nos	0.050	1.000		

										village community through appropriate signages & other media tools.
	iii) Documentary of Bhadra Tiger reserve	-	-	-	All Ranges	LS	LS	2,000		Propaganda & Publicity activities in order to effectively communicate the message of conservation to the target group like the Tourists/Public/School/ Collage students / village community through appropriate signages & other media tools.
	iv) Soliciting the co-operation /active involvement of local peoples in Eco-development activities.	-	-	-	All Ranges	LS	LS	2,000		
30	OFFICE EXPENDITURE									
a.	Electricity charges, Phones & Stationery equipments.	16.2.28	0.500	0.500	All Ranges	LS	LS	5,000		Maintenance of Director & RFO Offices.
31	EFFECTIVE CHECKING OF HUMAN-ANIMAL CONFLICT									
a.	Maintenance of Solar Fencing	16.4.2	-	-	Hukada bus stop to Sangam estate	3.25 kms	0.500	1,625	N: 13° 26' 39.4" E: 75° 40' 49.0" N: 13° 27' 45.7" E: 75° 41' 35.3"	Effective management of human-wildlife conflict.
					60 acre compound to Aldhara APC	2.50 Km	0.500	1,250	N:13° 46' 09.3" E:75° 36' 48.5" N:13° 45' 37.6" E:75° 36' 06.7"	
					Aldhara APC to Duggapana Hala	5.00 Km	0.500	2,500	N:13° 45' 37.6" E:75° 36' 06.7" N:13° 44' 42.1" E:75° 34' 47.6"	
					Tammadihalli to 60 acre Compound	1.50k m	0.500	0,750	N:13° 45' 21.9" E:75° 37' 46.8" N:13° 46' 09.3" E:75° 36' 48.5"	
					Jungle Lodge to Kundur APC	7.50K m	0.500	3,750	N 13° 41' 42.9" E 75° 38' 08.9" N 13° 39' 58.3" E 75° 40' 27.2"	
b.	Maintenance of EPT	16.4.2	-	-	Malgar to Kargadde	10 kms	0.40	2,000	N: 13° 26' 40.4" E: 75° 31' 20.1" N: 13° 26' 08.9" E: 75° 31' 37.5"	Effective management of human-wildlife conflict.
					Radamma thota to Someswara thota	10 kms	0.40	2,000	N: 13° 26' 49.4" E: 75° 41' 25.7" N: 13° 26' 49.2" E: 75° 41' 25.7"	
					Halagekere to Balapura	10 kms	0.40	2,000	N: 13° 30' 02.8" E: 75° 42' 35.2" N: 13° 30' 58.2" E: 75° 42' 03.8"	
					60 acre compound to Aldhara APC	10 kms	0.40	2,000	N:13° 46' 09.3" E:75° 36' 48.5" N:13° 45' 37.6" E:75° 36' 06.7"	
					Tammadihalli to 60 acre Compound	10 kms	0.40	2,000	N:13° 45' 21.9" E:75° 37' 46.8" N:13° 46' 09.3" E:75° 36' 48.5"	
32	Staff Development									
a.	Exposure visits of Officers/officials to visit the other Tiger Reserves in the country.	16.8	-	-	All Ranges	LS	LS	1,500		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.

df

b.	Specilized training to field Staffs in management planing for capacity building.	16.8.3	-	-	Division	4 No	1.000	1.500		Capacity building of the Front line staffs by organizing specialized training modules.
33	Wildlife Conservation Awareness									
a.	Conducting awarness programs to School/Collage, Students/Villagers & Publics.	16.17.3	-	-	All Ranges	10 Nos	0.750	7.500		Conducting awareness / nature education programmes for the School/ collage, students / Villagers/Rural youths & Public.
34	Essential to Antipoaching Staffs									
	Warm cloths/ Rain coats, Uniforms/shoes, Utensils, Medical/ Insurance facilities.	16.16.5	2.000	2.000	-	-	-	-		To improve the efficiency of the APC staff.
a.	Warm cloths		-	-	All Ranges	156 Nos	800/pers on	1.248		
b.	Rain Coats		-	-	All Ranges	156 Nos	700/pers on	1.092		
c.	Uniforms, Shoes, Sacks, Leather belt & Caps etc.		-	-	All Ranges	156 Nos	2500/per son	3.900		
d.	Leach sacks (2 sets)		-	-	All Ranges	156 Nos	100/pers on	0.312		
e.	Torchs		-	-	All Ranges	156 Nos	1250/per son	1.56		
f.	Utensils		-	-	All Ranges	39 camps	10000/ camp	3.900		
g.	Medicals facilities		-	-	All Ranges	156 Nos	LS	2.000		
h.	Insurance facilities		-	-	All Ranges	156 Nos	400/pers on	0.624		
i.	Purchase of masquito net/ field kit, torches & other essential Items.		-	-	All Ranges	144 Nos	0.040	0.600		
35	Essential to Front line permanent staffs									
	Warm cloths/ Rain coats, Uniforms/shoes, Utensils, Medical/ Insurance facilities.	4.1	2.000	2.000	-	-	-	-		<u>This is required for following permanent front line staffs.</u>
a.	Warm cloths		-	-	All Ranges	190 No	800/pers on	1.520		(1) ACFs -2 Nos, (2) RFOs -4 Nos (3) DRFOs-17 Nos (4) Forest Gurads-38 Nos (5) Forest watchers-52 Nos (6) Drivers -18 Nos, (7) Ane mahutha-1 No, (8)Care tekera-2 Nos (9)Confirmed Daily wage employees-19 nos (10) Gate watchers-14 Nos (11) Day & night watchers-6 Nos, (12) Wirless
b.	Rain Coats		-	-	All Ranges	190 No	700/pers on	1.330		
c.	Uniforms, Shoes, Sacks, Leather belt & Caps etc.		-	-	All Ranges	188 No	2500/per son	4.700		
d.	Leach sacks (2 sets)		-	-	All Ranges	188 No	100/pers on	0.376		
e.	Torchs		-	-	All Ranges	188 No	2500/per son	1.880		
f.	Medicals facilities		-	-	All Ranges	LS	LS	2.000		

g.	Insurance facilities		-	-	All Ranges	190 No	400/person	0.760		operators -9 Nos, (13) Boat patrolling units - 8 Nos = 190 Nos
Total Recurring Core									644.492	
Recurring(Buffer)										
36	PROTECTION ACTIVITIES:									
Anti Poaching & Anti Smuggling Activities										
	Deployment of gate watchers From:01-04-2016 to 31-03-2017 =365 days * 293.98/days =6.438 lakhs.	16.1	6.354	6.354	Muthodi	2 Nos	2.146	2.146		This human resource is essential for the effective management of the entire Tiger Reserve. From:01-04-2016 to 31-03-2017 =365 days * 293.98/days =6.438 Lakhs.
					Hebbe	2 Nos	2.146	2.146		
					Tanigebyle	2 Nos	2.146	2.146		
37	Awarss Generation									
	Celebration of Wildlife week Printing calendars, brochures/ pamphlet etc. during wildlife week	16.5	1.000	1.000	All Ranges	LS	LS	1.000		Publicity and propoganda activities to increase the awareness and the importance of conserving the wildlife and the nature.
38	Fire Protection points (Buffer Area)									
	Deployment of local fire watchers of 5 members for each fire protection Teams From 1-4-2016 to 31-05-2016 and 15-01-2017 to 31-03-2017=137 days* 5 Nos*10 Teams * 293.98/day= 20.138 lakhs.	16.3.1	-	-	All Ranges	10 Teams	16.111	20.138		10 Teams consisting of 5 watchers are to be deployed through the length and breadth of the buffer area for effective fire control. From 1-4-2016 to 31-05-2016 and 15-01-2017 to 31-03-2017=137 days* 5 Nos*10 Teams * 293.98/day=20.138 lakhs.
Total Recurring (Buffer)									27.576	
39	ECO-DEVELOPMENT									
a.	Vaccination of cattle in fringe villages of Sanctuary	16.5	1.000	1.000	All Ranges	LS	LS	1.500		Implementing the Eco-development activities
b.	Conducting Health checkup camps for the EDC's		0.500	0.500	All Ranges	LS	LS	1.500		
c.	Award and incentive to the villagers									
	Award and incentive to the villagers contribute protection and information	16.5	0.500	-	All Ranges	LS	LS	1.000		Implementing the Eco-development activities
40	Fostering Eco-tourism in Tiger Reserves									
a.	Engaging one Naturalist for 365 days	16.5	-	-	Division	1 No	2.000	2.000		Implementing the Eco-development activities
b.	Engaging one Guide for 365 days		-	-	Division	1 No	1.500	1.500		

41	Weapon training to staff				All ranges	LS	LS	1.000		Training is required for capacity building for the front line staffs.
	Servicing of arms and ammunition and weapons training to field staff (through Police Department)	16.8	-							
	Total Eco Development								8.50	
	Total Non Recurring								195.066	
	Total Recurring (Core+Buffer)								672.068	
	GRAND TOTAL								875.634	

(Rs. In Lakhs)

S.No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	195.066	117.04
2.	Eco development (60%)	8.50	4.25
3.	Recurring (50%)	672.068	336.034
4.	Sub Total	875.634	457.324
5.	10% Flexi-fund (x/9)	97.292	50.813
6.	Total (X)	972.926	508.137
7.	Adjustment of balance of previous year 2015-16	Nil#	Nil#
8.	Grand Total	972.926	508.137

(Rs. In Lakhs)

Cost of APO including State's share (including Flexi Fund)	A	972.926
Centre's share in APO (without Flexi Fund)	B	457.324
FF on Centre's share	C=B/9	50.813
Centre's share including FF	D=B+C	508.137
1 st release @ 80% of Centre's share	E=0.8*D	406.510
Less: Unspent balance FY 15-16	F	Nil#
Adjusted 1 st release including FF	G=E-F	406.510
2 nd release @ 20% of Centre's share	I=0.2*D	101.627
Total release towards APO in FY 16-17	J=(9/10)*(G+I)	457.324
Total release towards FF in FY 16-17	K=(1/10)*(G+I)	50.813
Grand total release in FY 16-17	L=G+I	508.137
Total effective release including USB	L+F	508.137
Effective release for APO activities	J+0.9*F	457.324
Effective release for FFs	K+0.1*F	50.813

#Revalidation of funds amounting to Rs. 26.0816 lakhs. After revalidation of this amount unspent balanced would be NIL.

* 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.

