

No. 4-1(40)/2019-PT  
Government of India  
Ministry of Environment, Forest and Climate Change  
Project Tiger Division

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**Dated the 8<sup>th</sup> July, 2019**

To,

**The Pay & Accounts Officer,**  
Ministry of Environment, Forest and Climate Change,  
New Delhi.

**Sub: Centrally Sponsored Plan Scheme 'Project Tiger' Administrative Approval for funds release to Biligiri Ranganatha Temple Tiger Reserve, Karnataka during 2019-20 –reg.**

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Biligiri Ranganatha Temple Tiger Reserve, Karnataka at the cost of **Rs. 854.10 Lakhs (Rupees Eight hundred Fifty Four lakhs Ten thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 660.78 Lakhs (Rupees Six hundred Sixty lakhs Seventy Eight 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. 301.05 lakhs (Rupees Three hundred One lakhs Five thousand only)** as the 1<sup>st</sup> installment of Central Share towards the Grants-in-aid to Government of Karnataka during the current financial year 2019-20. The balance amount of the Central Assistance will be released in due course after a review of the progress of expenditure/work is undertaken.

3. The grants-in-aid will be regulated in accordance with the provisions contained in the memorandum of the Centrally Sponsored Project Tiger Scheme. The Grants-in-Aid is also subject to the Chapter 9 of the General Financial Rules 2017, as amended from time to time, read with the Government of India's decision incorporated there-under, and any other guidelines which may be issued in this regard, and in particular to the following conditions:-

- (i) All relevant information and documents/certificates as required under GFR 209(I) have been received.
- (ii) The pattern of assistance of rules governing such grants-in-aid have received the approval of the Ministry of Finance, as required under Government of India decision No. (1) under DFPR-Rules 20.
- (iii) Terms and conditions of the service of the employees employed in the **Biligiri Ranganatha Temple 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 **Biligiri Ranganatha Temple Tiger Reserve** shall be audited by C&AG or by any person authorized by him on his behalf in accordance with the provisions laid down in Section 14 of the C&AG (DPC) Act, 1971 as amended from time to time.
  - (vii) The accounts of the Project Tiger Scheme shall be open for inspection by the sanctioning authority and audit, both by the Comptroller & Auditor General of India under the provision of C&AG (DPC) Act, 1971 and internal audit party by the Principal Accounts Office of the Ministry whenever it is called upon.
  - (viii) The Utilization Certificate against the earlier funds released under Grants-in-aid have been received and accepted by the competent authority.
  - (ix) Government of Karnataka in respect of **Biligiri Ranganatha Temple Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2020.
  - (x) **Biligiri Ranganatha Temple Tiger Reserve** will spend Grants-in-aid exclusively in pursuance of the objectives envisaged in rules/memorandum of the Centrally Sponsored 'Project Tiger Scheme' and for the purpose it is being sanctioned.
  - (xi) Grants-in-aid to **Government of Karnataka** is subject to the Economy Instructions issued from time to time by the Ministry of Finance or by the Competent Authority.
  - (xii) Grants-in-aid shall be utilized before the end of the current financial year 2019-20 and unspent balance, if any, will be refunded by **Government of Karnataka** to the **Govt. of India**.
  - (xiii) Government of Karnataka in respect of **Biligiri Ranganatha Temple 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 **Biligiri Ranganatha Temple 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 (**Biligiri Ranganatha Temple Tiger Reserve**) and **Government of Karnataka**.
  - (xv) Monitorable outcomes on the item of works contained in the sanction letter both in physical and financial terms are required to be furnished in the monthly report regularly. Compliance status on Tripartite Memorandum of Understanding is required before submission of additional or ensuing year's Annual Plan of Operation (APO).
  - (xvi) The expenditure should be limited to the amount released and in no case should be done in anticipation of further release by the Ministry.
  - (xvii) The payments of daily wagers should be done through account transfer / account payee Cheques only duly linked with Aadhar Number.
  - (xviii) It may please be ensured that there is no duplication of nature and items of work being proposed in the same area under the Centrally Sponsored Scheme of Project Tiger and other Centrally Sponsored Schemes such as Project Elephant, Eco-development and IDWH Schemes etc.
  - (xix) The cost estimates worked out by the Field Director should be based on approved schedule of rates of the State Government, with due approval of the competent authority.
  - (xx) Approval of the competent authority be obtained and acceptance of UC may be ensured by PD.
  - (xxi) The expenditure is incurred as per the allocation of funds.
  - (xxii) Payments are made by bank transfer and no cash payment is to be made.
  - (xxiii) Funds for POL / maintenance of vehicles would be admissible only for the vehicles purchased from CSS funds.

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

4. As the annual budget of the Scheme is approved by the Central Government, the Government of Karnataka is not required to furnish bond and sureties, in accordance with the Ministry of Finance O.M. No. 14(1)-EII (A)/64 dated 23.6.1965.

5. The payment sanctioned above is provisional and is subject to the adjustment on the basis of the audited figures of expenditure. Other terms and conditions of the payment are as under:

- (a) The grant is in accordance with the pattern of financial assistance approved by the Ministry of Finance.
- (b) The grant sanctioned is subject to the adjustment on the basis of the terms and conditions approving the scheme.

6. No deviation from the approved items of expenditure as enumerated in the annexure shall be made without prior concurrence of the Government of India. The guidelines of National Tiger Conservation Authority should be fully adhered to. The Chief Wildlife Warden and the Principal Chief Conservator of Forests of the State Government should be directed to ensure that the field works are in accordance with the Tiger Conservation Plan and the Annual Plan of Operation by the field inspections from time to time.

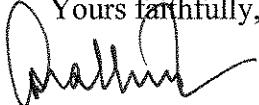


7. In accordance with the revised procedure, the Central Accounts Section, Reserve Bank of India, Nagpur, may kindly be advised to pass on credit to the books of the State Government of Karnataka under intimation to this Department.

8. The expenditure incurred is adjustable to the Demand No. 27 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2019-20 :

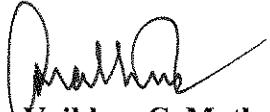
Scheme	Budget Head	Amount (Rs. in lakhs)
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	255.91
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	22.57
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	22.57
<b>Total</b>		<b>301.05</b>

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 123855/AS&FA (PG) dated 05.07.2019.

Yours faithfully,  
  
**(Dr. Vaibhav C. Mathur)**  
**Assistant Inspector General of Forests (PT)**

Copy to:-

1. The Secretary (Forests), Govt. of Karnataka. A copy of the detailed sanction letter issued by the State Government in respect of this scheme for 2019-20 may kindly be furnished to this Ministry immediately.
2. The Secretary (Finance), Govt. of Karnataka.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Karnataka.
4. The Field Director, Biligiri Ranganatha Temple Tiger Reserve, Karnataka.
5. The Accountant General, Karnataka.
6. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
7. IG/AIG, NTCA Regional Office, Bengaluru.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.

  
**(Dr. Vaibhav C. Mathur)**  
**Assistant Inspector General of Forests (PT)**

**BILIGIRANGANATHA TEMPLE TIGER RESERVE, KARNATAKA**

**ANNUAL PLAN OF OPERATION 2019-20**

**Annexure**

**(Rs. in lakhs)**

Activity	Item of Works	Para No. of CSS PT Guideline s/ TCP	Previous year details						Current Year Proposal					
			Location	GPS Co- ordination	Physical	Financial	Name of Sub Items	No. of Items (Physical Target)	Unit Price (Rs.)	Total Financial al Target	GPS Coordinatio ns	GPS Coordinations	Justification	
A) NON RECURRING					Target	Achieve ment	Target	Achieve ment						
CORE														
Creation of dams	16.2.11	7.2.2.3	Construction of culverts / causeway at Kanchiamared a halta in Kollegal Range	77.058750, 77.158417	1 No.	1 No.	2.50	2.50	Creation of dams Construction of Causeaway					
Strengthening			Construction of culverts / cause way at Mudabare halta in Kollegal Range	77.058659, 77.158417	1 No.	1 No.	3.50	3.50						
			a. Kollegal Range											
			Gundubare Halla	1	No.	1	No.	20000	2.00	12,052500, 77.225028	In the existing road network several streams / rivulets crosses the roads.			
			Devaradibe	1	No.	1	No.	250000	2.50	12,000399, 77.205389				
			Chappedu Halla	1	No.	1	No.	200000	2.00	11,961972, 77.205600	Which makes vehicle movement difficult during rainy season which affects protection of wildlife. So construction of causeways are proposed.			
			b. Yelantur Range											
			Jangumavakere Halla (Balabare beat)	1	No.	1	No.	350000	3.50	11,961944, 77.171750				
			Jangumavina Amni(Balabare beat)	1	No.	1	No.	390000	3.90	11,961950, 77.172222				
			Ramakoggu Akkabavihalla (BR Hills beat)	1	No.	1	No.	390000	3.90	11,961417, 77.182222, 12010194, 77.160967				
			Tiger kere Halla (Balabare beat)	1	No.	1	No.	250000	2.50	11,963028, 77.171728				

	Doddanatalasugude Halla (Balebare beat)	1	No.	1	No.	250000	2.50		11.963028, 77.172667
	Domavupala (Balebare beat)	1	No.	1	No.	390000	3.90		11.953194, 77.163889
	Kammarakadavu (Balebare beat)	1	No.	1	No.	300000	3.00		11.964722, 77.159917
	Suttimaduvukere (Balebare beat)	1	No.	1	No.	250000	2.50		11.987666, 77.167526
	Construction of Check Dam at Seeralla in Yelandur Range	11.963355, 77.100472	No.	2.00	0.00	Construction of Check dam			
					a. Bylore Range				
					Menaskutlu Halla	1	No.	1	11.915472, 77.209472
					b. Kollegal Range	1	No.	1	11.963389, 77.190111
					Bangale Halla	1	No.	350000	3.50
					d. K. Gudi Range				
					Beladmandra Halla (Kuntiguddi beat)	1	No.	1	11.902171, 077.088378
					Mandalangere Halla (Kuntigudi beat)	1	No.	200000	2.00
									11.87870, 077.07378
	Purchase of office stationaries and other materials CF & FD Office, Range Offices	LS	2.50	0.38843	Purchase of office stationaries and other materials CF & FD Office, Range Offices		LS	3.00	
	Procurement of hardware, software, manpower, training, gps, etc.	16.2.28							
	Payment of compensation for cattle lifting, death of human beings and crop predation* due to wild animals	16.4.1	7.2.22	Payment of compensation for cattle lifting, death of human beings and crop predation* due to wild animals	LS	5.00	0	Payment of compensation for cattle lifting, death of human beings and crop predation* due to wild animals and human injuries.	LS
									5.00

Addressing man animal conflict

			Mainstreaming wildlife concerns	Regressing man-animal conflict
	16.10.1	7.2.2.2	Construction of Rubble stone wall/Masonry wall/Pillars	Construction of Rubble stone wall/Masonry wall/ Pillars
			b. Yelantur Range	b. Yelantur Range
		Krishnachina katte Katte dam -1 Thalakamrigud da area -1 No	12.021997, 77.084753 12.021478, 77.081917	1 1 No. 1 No.
		Alatala dam-8 Mr	12.128055, 77.149458	1 No.
		Alatala marada halla - 8 Mrt.	12.071917, 77.159811	1 No.
		Office kere halla - 8 Mr	12.032805, 77.236056	1 No.
		Bonthe podu - 7 Mr	12.061000, 77.223167	1 No.
		Supply of mosquito net/ field kit	16.16.5 8.5	104 Nos.
Eco-Development	To carry out prophylactic immunization of cattle in and around Tiger Reserve.	4.5.1 11.5.3	Vaccination programme (immunization of local cattle)	2500 Nos 2.50 0.00 Vaccination programme (immunization of local cattle)
			a. K.Gudi Range Kulluru Attigullipura, Kalkamra colony, Kumbeswara colony, Hongalavadi, Hondaraballu, Mallete vana halli, Byanapura, Kanneri colony	500 Nos.

In the existing barricades like the EPI / Solar fencing some stretches need to be plugged with specialised site specific civil structure to prevent the starving of wild animals through these weak points.

Purchase of shoes, uniform, sweaters, jinkins etc to staff working in APCs

Purchase of shoes, uniform, sweaters, jinkins etc to staff working in APCs

Immunization of the local cattle is proposed to prevent the spread of epidemic originating from the domestic cattle.





	Honnemarada Kere	11.833750, 77.213206	1 No.	100	Namadakadivu Kere	1	No.	11.887748, 77.236170
			Ramara Kere	1	No.			11.806865, 77.218107
			Jaladegundi Kere	1	No.			11.812306, 77.215722
	<b>b. Kollegai Range</b>							
	Karadi bore	12.081566, 77.134528	1 No.	100	Misaipana Bare, Hallada kere	1	No.	12.084611, 77.220306
	Sollekobu	12.061111, 77.157972	1 No.	100	Kumabara Gundji	1	No.	12.061258, 77.222817
					Manjigundi	1	No.	12.050662, 77.182054
					Aremaa	1	No.	11.987003, 77.211694
					Mare Ane	1	No.	12.057483, 77.197359
	<b>c. Punalur Range</b>							
	Asagere Kere	11.82525, 77.094833	1 No.	100				
	Double Kere	11.804159, 77.111222	1 No.	100				
					Creation of new firelines			
	<b>a. K.Gudi Range</b>							
	Kulluni to Ramapura cross (NH 209)	11.801670, 77.046755, 11.814718, 5.Kms x 2 sides	10 Kms	1.02	1.02			
	<b>b. Punalur Range</b>	Honnemara to Kapinakanine 10 Kms x 2 sides	11.80250, 77.35556, 11.79564, 77.13656	20 Kms	2.04	2.04		
	<b>c. Bylore Range</b>							
	Sigeikattinari to Gandeda Strala 2 Kms	11.837917, 77.218750, 11.841806, 77.201556	2 Kms	0.2037	0.2037	Nellikatti to Doddasampige	10 Kms	11.91035, 0
	Olkubaredati to Okkuhare Boli 3 Kms	11.926828, 77.224867, 11.921472, 77.218833	3 Kms	0.30555	0.30555	Stidabbi to Nallikatti koodu	9 Kms	
	Eccigundihalla To Doddatinuvu Road 5 Kms	11.932417, 77.211111, 11.911589, 77.227778	5 Kms	0.50925	0.50925	Honnammeti AP Camp to Honnatti betta	5 Kms	
	Kalkenhallo to Bettadihalla 5 Kms	11.823222, 77.228222	5 Kms	0.50925	0.50925			
	Thegada plantation to Kiribiduru Katte 3 Kms	11.806944, 77.205278	3 Kms	0.30555	0.30555			

Staff Development	Providing project allowance and special incentives.	16.8.2	8.5	Project allowance field staff			Project allowance Field staff				

Chief Conservator of Forests-1 No @ Rs. 2000/month = 24000  
 Conservator of Forests & Director-1 No @ Rs. 2000/month = 24000  
 Assistant Conservator of Forests - 2 Nos @ Rs. 2000/month = 40000  
 Nos. @ Rs. 1300/month = 31200 Range Forest Officers  
 Nos. @ Rs. 900/month = 205200 Forest Officers - 5 Nos @ Rs. 1000/month = 5000 Foresters / DRCO-19 Nos. @ Rs. 4000/month = 76800  
 Nos. @ Rs. 900/month = 205200 Forest Guard - 63 Nos @ Rs. 700/month = 528200 Forest Watchers - 33 nos @ Rs. 4000/month = 158400 Drivers - 2 nos @ Rs. 700/month = 16800  
 @ Rs. 700/month = 529200 Forest Watchers-33 nos @ Rs. 4000/month = 158400 Drivers - 2 nos @ Rs. 700/month = 16800  
 Caretaker - 3 nos @ Rs. 4000/month = 12000  
 Kavadi - 2 nos @ Rs. 4000/month = 9600  
 Rs. 4000/month = 9600 Elephant Watchers - 42 nos @ Rs. 400/month = 201600 Water cooli Mail-5 nos @ Rs. 400/month = 24000  
 Supplementary Watchers - 42 nos @ Rs. 400/month = 16000 Water cooli Mail-5 nos @ Rs. 400/month = 24000

Project allowance for the staff of the Tiger Reserve for the year 2016-17 as per the rates approved vide NICA Notification No. 15-3/2010-NICA-dated 27-12-2010 of GCI per month is.  
 1.CCF @ 2000/-  
 2.CF & FD @ 2000/-  
 3.AC @ Rs. 1300/-  
 4.RFO @ Rs. 1000/-  
 5.Manager @ Rs. 1000/-  
 6.BRFO @ Rs. 900/-  
 7.FDA, SDA, FG, Drivers  
 @ Rs. 700/-  
 8.Watchers, caretaker, mahuli, kavadi, peon, sweeper, water cooli @ Rs. 400/-  


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			<p>As per NTCA Notification No. 15- 31/2012-NTCA of GOI dt. 06-06- 2014 proposed to provide ration allowance to field staff upto DRFO level.</p> <p>50 nos. of MRE staff are working as forest watchers &amp; drivers in fire field. So ration allowance is proposed for them also.</p>	





Strengthening	Maintenance of road network.	16.2.4	7.2.2.1	Annual maintenance of existing roads	Annual maintenance of existing roads									
					a Kollegai Range	Arasagaiadoddi to Marapala 4 Kms	48 Kms	22.86	22.738	Arasagaiadoddi to Marapala	4 Kms	54.83	Kms	
						12.054000, 77.2202806 12.046083, 77.2200528								
						12.046083, 77.2200528 12.038611, 77.192583,								
						Marapala to Devaradimba 5 Kms				Marapala to Devaradimba	5 Kms			
						Devaradimba to Burude 5 Kms	12.038611, 77.192583 12.970444, 77.191056			Devaradimba to Burude	5 Kms			
						Doddasampige to Chappakadavu 5 Kms	11.947222, 77.184444			Doddasampige to Chappakadavu	5 Kms			
						Chappe Kaduvu to Billanabare 5 Kms	11.947750, 77.184667			Chappekadavu to Billanabare	5 Kms			
						Puttrammana dodi to Karalakkate 3.5 Kms	12.094806, 77.191639 12.040083, 77.156167			Puttramanna dodi to Karalakkate	3.5 Kms			
						Karalakkate to Anakekere 4.5 Kms	12.000083, 77.1561712.0601 87.77.150111			Karalakkate to Anakekere	4.5 Kms			
						Sébinakké to Anakere Halla 5 Kms	11.982722, 77.245611 12.069306, 77.241083			Maduvanahalli Pilin Road	6.83 Kms			
						Anakere Halla to Kaggalgundi 5 Kms	12.061000, 77.223167 12.050444, 77.223167			Sebinakobe to Anakere Halla	5 Kms			
						Burude to Hunasebore 2 Kms	11.958100, 77.189306 12.979194, 77.188583			Anakere Halla to Kaggalgundi	5 Kms			
						Hunasebore to Abbillais 4 Kms	11.973611, 77.186667 11.986111, 77.192000			Burude to Hunasebore	2 Kms			
						Hunasebore to Abbillais				Hunasebore to Abbillais	4 Kms			

Deployment of camp labourers for patrolling.	16.1.5	10.3.2.1	Anti poaching activities and anti smuggling activities Deployment of local work for anti poaching camps (payments of wages existing anti poaching camps (From 1-4-2019 to 31-3-2020)=365 day x 4 maz/camp) @ Rs. 320.25/day EPF contribution 4.75% Rs. 15.21/Day Service charges 5% Rs. 42.14/Day ESI Contribution 4.75% Rs. 16.01/Day TOTAL 393.61/Day GST 18% Rs. 70.85/Day Grand Total Rs. 464.47/Day	a. K.Gudi Range			Anti poaching activities and anti smuggling activities Deployment of local work for anti poaching camps (payments of wages existing anti poaching camps (From 1-4-2019 to 31-3-2020)=365 day x 4 maz/camp) @ Rs. 495.12/day (Basic rate Rs. 352.28/day + EPF contribution 13.6% + ESI Contribution 4.75% + Service charges 1%) + GST 18%
Anakere APC = 4 Nos/Camp	11.932028 77.093806	5640 M.days	27.1251	23.8654	Anakere APC = 4 Nos/Camp	5840 M.day 0 S	3796 M. days 476.76 181.74
Bellathia APC = 4 Nos /Camp	11.932306, 77.093806				Bellathia APC = 4 Nos /Camp		11.932306, 77.093806
Byanapura APC = 4 Nos/Camp	11.874889, 77.057278				Byanapura APC = 4 Nos/Camp		11.874889, 77.057278
Somanamundi APC = 4 Nos/Camp	11.839556, 77.018694				Somanamundi APC = 4 Nos/Camp		11.839556, 77.018694
b. Purnahani Range					b. Purnahani Range		
Kurimanda=4 Nos/camp	11.877389 77.114806	7300 M.days		33.9053 32.70/5 S	Kurimanda = 4 Nos/camp	7300 M.day S	Ergaging the local work force to man the existing Anti Poaching Camps on 24 hour basis is essential to ensure the effective protection of the reserve.
Jodigere = 4 Nos/camp	11.795944 77.183000				Jodigere = 4 Nos/camp		11.795944 77.183000
Chinnare= 4 Nos/camp	11.740444 77.098539				Chinnare = 4 Nos/camp		11.740444 77.098539



			Neilkathi (Mavathur APC) = 4 Nos/camp	11.89472, 77.22811		11.89472, 77.22811
			K.K.Dam = 4 Nos/camp Bhakti Bavi = 4Nos/camp	11.942639, 77.241194 11.835603, 77.205917		11.942639, 77.241194 11.835603, 77.205917
			Maintenance of vehicles( boats,motorbike ,mobility)	16.1.20 7.2.2.1, 7.2.2.2	16 Nos. 16 Nos. 20.000	17.511 Maintenance and repair of existing protection and tourism vehicles (a). Safari Jeeps (b). Protection jeeps (c). Protection vehicles of officers (d). Protection bikes
			Maintenance of existing patrolling campeshowkis	16.1.4 10.3.2.3	Improvement to the existing AP camps (repairs and light facilities) etc	Improvement to the existing AP camps (repairs and light facilities) etc
			a. K.Gudi Range			
			Anakere APC	11.932028 77.093806	4 Camps 4	Anakere APC 4 Camps 4 Camp 100000 4.00
			Bellatha APC	11.932306, 77.093806		Bellatha APC 11.932306, 77.093806
			Byanapura APC	11.974889, 77.057278		Byanapura APC 11.974889, 77.057278
			Somanantri APC	11.839556, 77.018694		Somanantri APC 11.839556, 77.018694
			b. Pugalajur Range			b. Pugalajur Range
			Kurniandee APC	11.817389 77.114806	5 Camps 5	Kurniandee APC 5 Camps 5 Camp 100000 5.00
			Jodigere APC	11.795944 77.183000		Jodigere APC 11.795944, 77.183000
			Chinnare APC	11.740444 77.098639		Chinnare APC 11.740444, 77.098639



			Neelkothri (Mavathur APC)	11.894472, 77.228111	Nellikothri (Mavathur APC)		11.894472, 77.228111
		KKDam APC	11.942639, 77.241194		K.K.Dam APC		11.942639, 77.241194
		Bhakti Bavi APC	11.835603, 77.205917		Bhakti Bavi APC		11.835603, 77.205917
	Maintenance of wireless network	16.1.8	Maintenance of existing wireless network (repairs and purchase of batteries etc.)	LS 2,500	0.17189	Maintenance of existing wireless network (repairs and purchase of batteries etc.)	LS 3.00
	Maintenance of earthen ponds.	16.2.16	Desilting of tank			Desilting of tank	
			a. KGudi Range				
			Kendana Kalle (Kunigudi)	11.886687, 77.078167	1 No.	1 No.	1,000 0.829
			Mardani kere	77.078167, 77.123333	1 No.	1 No.	1,000 1,000
			b. Yelandur Range			b. Yelandur Range	
			Mannuguda kere	12.038629, 77.102278	1 No.	1 No.	1,000 1,000
			c. Kollegal Range			c. Kollegal Range	
			Heggudukere	12.080556, 77.154167	1 No.	1 No.	1,000 1,000
			Argere	12.058056, 77° 10' 53.0'	1 No.	1 No.	1,000 1,000
			d. Byiore Range			d. Byiore Range	
			Hulgudukere	11.818222, 77.230556	1 No.	1 No.	1,000 1,000
	Maintenance of fire lines and firbreaks.	16.2.15	View line clearance			View line clearance	
	Strengthening	10.4.2					

a. K.Gudi		Range		Range		a. K.Gudi	
Suthu road 5.50 kms x 2 sides.	11.868194 77.102861	82.40 Kms	6.59542	3.66999	Suthu road 5.50 kms x 2 sides	82.4 Kms	880.456 7.25
Ankere road 05 kms x 2 sides.	11.875139 77.111856				Ankere road 05 kms x 2 sides		11.875139, 77.111856
Anshadu road 2.5 kms x 2 sides	11.877167 77.128222				Anshadu road 2.5 kms x 2 sides		11.877167, 77.128222
Kolani road 2.50 kms x 2 kms	11.88725 77.140586				Kolani road 2.50 kms x 2 kms		11.88725, 77.140586
Durgur road 5.50 kms x 2 sides	11.886086 77.134611				Durgur road 5.50 kms x 2 sides		11.886086, 77.134611
Begulji road 5 kms x 2 sides	11.890167 77.133861				Begulji road 5 kms x 2 sides		11.890167, 77.133861
Sebinahalla road 1.10 kms x 2 sides	11.900472 77.126309				Sebinahalla road 1.10 kms x 2 sides		11.900472, 77.123539
Karaihina gudda 1.10 Km x 2 sides	11.897083 77.121750				Karaihina gudda 1.10 km x 2 sides		11.897083, 77.121750
Mosalemandu road 1.10 km x 2 sides	11.900000 77.127194				Mosalemandu road 1.10 km x 2 sides		11.900000 77.127194
3ft Road 05 kms x 2 sides	11.887361 77.142639				3ft Road 05 kms x 2 sides		11.887361, 77.142639
Doddasampige Extn road 1.5 kms	11.856056 77.134028				Doddasampige Extn road 1.5 kms		11.856056, 77.134028
Gereare road 1.15 kms x 2 sides	11.888889 77.139528				Gereare road 1.15 kms x 2 sides		11.888889, 77.139528
Budipadaga Road - 10.50 Kms	11.854225 77.126417				Budipadaga Road - 10.50 Kms		11.854225, 77.126417
Maintenance of fire lines and firebreaks.	16.2.15	10.4.2	Maintenance of Firelines		Maintenance of Firelines		
Screening							Since the reserve is highly prone to fire incidents due to the presence of large number of human habitations in and around the reserve. Maintenance of existing network of primary and subsidiary firelines is of utmost necessity.

		Jeladabore road 07 kms x 2 sides	11.861989, 77.059900	108 Kms	108 Kms	5.7221	5.7219	Jeladabore road 07 kms x 2 sides	14 Kms	176.6 Kms	Kms	5828	10.29	11.861989, 77.059900
		Bellatha game road 11 Kms x 2 sides	11.902306, 77.055750 11.943972, 77.108722					Bellatha game road 11 Kms x 2 sides	22 Kms					11.902306, 77.055750 11.943972, 77.108722
		Budipadaga road to Somaramunti APC 8 Kms x 2 sides	11.854250, 77.126417 11.836883, 77.067111 11.835867, 77.066194					Budipadaga road to Somaramunti APC 8 Kms x 2 sides	16 Kms					11.854250, 77.12641711.8 3683 77.0671111.8 3683 77.066194
		Budipadaga game road 10.5 x 2 sides	11.916111, 77.092111 11.835778, 77.066333					Budipadaga game road 10.5 x 2 sides	21 Kms					11.916111, 77.092111 11.835778, 77.066333
		K.Gudi main road 12 kms x 2 sides	11.911611, 77.077972					K.Gudi main road 15 kms x 2 sides	30 Kms					11.911611, 77.077972
		3 Froad 11 Kms	11.835778, 77.066333 11.856056, 77.134028					3 Froad 16 Kms	16 Kms					11.835778, 77.066333 11.856056, 77.134028
								Sutlu road 5.5 x 2 sides	11.0 Kms					11.888194 77.102961
								Anakere road 5 x 2 sides	10.0 Kms					11.875139 77.111556
								Arinenadu road 2.5 x 2 sides	5.00 Kms					11.877167, 77.128222
								Kolan road 2.5 x 2 sides	5.00 Kms					11.887250 77.140556
								Durgur road 5.5 x 2 sides	11.0 Kms					11.886056, 77.134611
								Begulli road 4.5 x 2 sides	9.00 Kms					11.890167, 77.133851
								Sebamahalla road 1.1 x 2 sides	2.20 Kms					11.900472, 77.123639
								Karaihamagudla road 1.1 x 2 sides	2.20 Kms					11.897083, 77.121750
								Mosalemattu road 1.1 x 2 sides	2.20 Kms					11.900000, 77.127194
	<b>b. Purnachur Range</b>													
	Rajikannadu to Pangadithala	11.821806, 77.109883	101 Kms	5.3512	5.02317	Rajikannadu to Pangadithala	10 Kms	148 Kms	5828	8.63				11.821806, 77.109883
	Rajikannadu to Kukatpally [MURAD] ROAD-12 kms.	11.823972, 77.106472				Rajikannadu to Kukatpally [MURAD] ROAD-12 kms.	12 Kms							11.823972, 77.106472
	Kadige Chira Gate to Kumara mathi kudu - 18 kms.	11.848167, 77.166028				Kadige Chira Gate to Kumara mathi kudu - 18 kms.	18 Kms							11.848167, 77.166028
	Kabbina gadde game road	11.815250, 77.170917				Kabbina gadde game road	26 Kms							11.815250, 77.170917
	Jodigere chira change gate to Bellinuru are					Jodigere chira change gate to Bellinuru are	10 Kms							11.815250, 77.170917

	Kabbinagadde to Neerburgi halla	11.790750, 77.184861			Nelligudda to Basavankaliu	7 Kms				11.796778, 77.184194
	Nelli are to Kathekal dasari	11.872833, 77.164889			Kabinagadde to Neerdungi Halla	4 Kms				11.790750, 77.184861
	Chikkaiahnagiri D line	11.771028, 77.152611			Nelli are to Kathekal dasari	4 Kms				11.872833, 77.164889
					Karepalva chain Gate to Chinnare game road	10 Kms				11.770722, 77.090983
					Chikkaihnagiri D line	5 Kms				11.771028, 77.126811
					Doddare to hadduharidahalla D line	7 Kms				11.734517, 77.084056
					Nama betta to Gersikallu D line	7 Kms				11.791083, 77.190361
					Gersikallu to Masa kalla D line	8 Kms				11.851028, 77.176306
					Honnimarla to Kappinakatte 10 kms x 2 sides	20 Kms				11.815250, 77.170917
	c. Yelandur Range				c. Yelandur Range					
	B.R.T. to K.Gudi Main road: 16 Kms x 2 Sides	11.904461, 77.132560 11.902583, 77.146028	117 Kms	111 Kms	6.1939	6.19891	B.R.T. to K.Gudi Main road: 16 Kms x 2 Sides	32 Kms	5828	13.81
	Belaltha Game Road : 10 Kms x 2 Sides	12.026161, 77.102636 12.030328, 77.091942					B.R.T. to Gumballi Gate Main road: 4 Kms x 2 Sides	28 Kms		
	Doddasamangi Game road: 5 Kms x 2 Sides	11.949944, 77.179300 11.957444, 77.155194					Belaltha Game Road : 10 Kms x 2 Sides	20 Kms		
	Balebare Game road : 3 Kms x 2 Sides	11.939429, 77.168400 11.984019, 77.177278					Amekere Game Road : 10 Kms x 2 Sides	20 Kms		
	Nerigere Game road: 3 Kms x 2 Sides	11.972658, 77.164019 11.970719, 77.181258					Dommanagadde Game road: 8 Kms x 2 Sides	16 Kms		
	Tiger Game road : 3 Kms x 2 Sides	11.966988, 77.167658 11.952600, 77.175858					Doddasamangi Game road: 5 Kms x 2 Sides	10 Kms		
	Thondageri Game road: 3.5 Kms x 2 Sides	11.957488, 77.155200 11.960539, 77.139050					Balebare Game road: 3 Kms x 2 Sides	6 Kms		
	M.P.C.A. Game road: 3.5 Kms x 2 Sides	12.010889, 77.132958 11.988619, 77.128889					Neigere Game road: 3 Kms x 2 Sides	6 Kms		
	Basavankaliu Game Road: 3 Kms x 2 Sides	11.922789, 77.155068 11.895708, 77.141458					Tiger Game road : 3 Kms x 2 Sides	6 Kms		





		Burude to Nengere	6 Kms						
		Nengere 6 Kms	77.191222						11.967139, 77.191222
	Doddamatti madu to Kurubanakere 3.5 Kms	12.038972, 77.212611/12.0710 83.77.218983		Doddasampige to Bilianabale	16 Kms				11.942417, 77.184972
	Kurubanakere to Solar Shed 2 Kms	12.078944, 77.223056		Kaggaligundi to Gundal 10 Kms x 2 sides	20 Kms				12.038819, 77.219784
	Karadigudde to Gundal Game Road 2 Kms	12.051339, 77.222831 12.062111, 77.205586		Burde to Abballi's road 6 Kms x 2 sides	4 Kms				11.968083, 77.189306 11.981444, 77.195667
	Pandanabally Odu to Sene Are 1 Kms	12.026564, 77.226336		Doddamatti madu to Kurubanakere	3.5 Kms				12.038972, 77.212611 12.071083, 77.218083
	Alare to Mariane 1 Km	12.017222, 77.231056		Pandanapalya Odu to Sene Are	1 Kms				12.026564, 77.221225 12.012322, 77.226336
	Karkallo Odu to Onra Are 1 Km	12.002247, 77.231511		Mutte to Kumbalakai Boli	1 Kms				12.022833, 77.203778 12.028667, 77.210056
	Baralla to Nengebare 1 Km	12.010886, 77.232361		Gallibore to Chikkasampige are	1 Kms				12.031167, 77.206194 12.031444, 77.211684
	Kurubanakatte to Karadibore 2 Kms	11.986339, 77.231642		Ajare to Mariane	1 Kms				12.017722, 77.231056 12.002747, 77.231511
		12.037459, 77.234067		Karikalli Odu to One Are	1 Kms				12.010886, 77.232361 11.986339, 77.231642
		11.0201072, 77.233019		Chikkakatte to Nellisiddinadimba	3.5 Kms				12.067056, 77.172694 12.088000, 77.172417
		12.097778, 77.142778		Sathana Are to Kure hatti Dimbha	2 Kms				12.082306, 77.171167
		12.081556, 77.134528		Htige Gudi Kere to Kurehatti Dimbha	2 Kms				
		12.082306, 77.171167		Chkkakatte to Ednibetta	4 Kms				
				Mavinde Halla to Mudukanakatte mule	2 Kms				
				Soilekobu to Vadakanakatte Kere	2 Kms				
									12.079222, 77.164230
									12.067111, 77.157972 12.055278, 77.171389



						Mahadevshwara Devasthana to Tevadigere	2 Kms	
					Hullarida Mattimara to Amekere	3 Kms		
					Mahadevshwara Devasthana to Koté Boi	3 Kms		
					Tevadigere to Gottigere	3 Kms	12.04761, 77.161778	12.047889, 77.157278120
					Neralia to Karakatte	2 Kms	12.045889, 77.164250	12.04700, 77.15011
					Molikatte to Chinnakatte	3 Kms	12.016420, 77.205459	12.136222, 77.17300
					Bogudda to Kallimara Mara	4 Kms	12.10711, 77.17787	12.10711, 77.17787
					Balgadla to Segetteta	3 Kms	12.022889, 77.203389	12.025639, 77.232389
					Siddappanabetta to Neralla	2 Kms	12.134944, 77.155934	12.134944, 77.155934
					Ekradatti gadda to Marannina Devasthana	2 Kms	12.118361, 77.149278	12.118361, 77.149278
					Varkatte to Avagere Road 7.5 Km	7.5 Kms	12.091056, 77.160889	12.091056, 77.160889
					Kudlakalllu to Doddamainihadu	3 Kms	12.020056, 77.219333	12.020056, 77.219333
					Dooddamainihadu		12.035972, 77.212611	12.035972, 77.212611
					e. Byfore Range			
					Sharmashrama Temple toThegada Plantation 4 Kms	35 Kms	85 Kms	4.50337
					Sharmashrama Temple to negada Plantation	4.0 Kms	119 Kms	5828
					Kundangi Koodlu to Kirubidlu Kotte	3.0 Kms		6.94
					Kundangi Koodlu to Kirubidlu Kotte	3.0 Kms		11.830961, 77.21289
					Hala hala to Doddasampige	20.0 Kms		11.815506, 77.196194
					Gombegallu to Kanthakida Auni	6.0 Kms		11.817767, 77.128222
					Mulepati to Coffe Estate 6 Kms	6.0 Kms		11.887750, 77.140356
					Homameti to Mukere 6 Kms	6.0 Kms		11.886056, 77.134611



	Suthur road 5.5 Kms	11.88194, 77.102861	Suthur road	5.5 Kms		
	Anakere road 5 Kms	11.875139, 77.111556	Anakere road	5 Kms		
	Anahadu road 2.5 Kms	11.877167, 77.128222	Anahadu road	2.5 Kms		
	Kolani road 2.5 Kms	11.887250, 77.140556	Kolani road	2.5 Kms		
	Durgur road 5.5 Kms	11.886056, 77.134611	Durgur road	5.5 Kms		
	Bedguli road 5 Kms	11.890167, 77.133861	Bedguli road	5 Kms		
	Seedinathala road 1.1 Kms	11.900472, 77.123611	Seedinathala road	1.1 Kms		
	Karaihingudda road 1.1 Kms	11.897083, 77.121750	Karaihingudda road	1.1 Kms		
	Mesalennadu road 1.1 Kms	11.900000, 77.127194	Mesalennadu road	1.1 Kms		
	Budipadaga road to Somanamundi APC 8 Kms	11.854250, 77.126417 11.836883, 77.067111 11.835867, 77.066194	Budipadaga road to Somanamundi APC	8 Kms		
			Budipadaga game road	10.5 Kms		
			Gare game road	2 Kms		
	b. Pundalur Range		b. Pundalur Range			
	Buttamatlu to Pangadimalla game road 5 Kms	11.821806, 77.109083	Buttamatlu to Pangadimalla game road	5 Kms	55 Kms	48400 26.62
	Ragikalludu to Kokathikkudu game road 12 Kms	11.823972, 77.106472	Ragikalludu to Kokathikkudu game road	12 Kms		11.823972, 77.106472
	Kadigere chain gate to Kukathikkudu game road 8 Kms	11.848167, 77.166028	Kadigere chain gate to Kukathikkudu game road	8 Kms		11.848167, 77.166028

terrain, maintenance of roads is very essential for day protection duty and to control fire during fire season.

	Kukathikudu to Kumaramathi kadu game road	2 Kms					11.885667, 77.143750
	Kabinagadde game road	13 Kms					11.815250, 77.170917
	Jodigere chain gate to Bellmuni are game road 5 Kms	5 Kms					11.790750, 77.184722
	Budipadaga IB to Ragikalmadu game road 5 Kms	5 Kms					11.831333, 77.065028
	Honnemara gate to Ragikalmadu game road	5 Kms					11.783278, 77.116111
	c. Yelandur Range						
	Bellatha gate road 15 Kms	29.260	25.3424	Bellatha game road	15 Kms	48400	46.46
	Seemehatti game road 8 Kms	11.957389, 77.152095		Amekere Game road	10 Kms		
	Doddasampige game road 8 Kms	11.949594, 77.179000		Seemehatti game road	8 Kms		
	K. K. Dam to Bhuthanakatte 5 Kms	12.020306, 77.068661		Doddasampige game road	8 Kms		
	Basavanakadu Game Road 5 Kms	11.922889, 08.77.141458		K. K. Dam to Bhuthanakatte	5 Kms		
	Seemeti Inner Road 5 Kms	11.897069, 77.158069		Basavanakadu Game Road	5 Kms		
	Gottigere game road 3.5 Kms	12.024442, 77.145472		Seemeti Inner Road	5 Kms		
	MPCA game road 3.5 Kms	12.016900, 77.132944		Dumanagande game road	7.5 Kms		
		11.983619, 77.126889		Purani game road	4 Kms		









		Gundal to Burude 36 Kms	12.031083, 77.208056	58 Kms	3.0725	3.0725	Gundal to Burude	36	Kms	5828	4.66			
		Burude to Abballi road 6 kms x 2 sides	11.968083 77.185306 11.981444 77.195667				Nerigere road to Abballi road	9	Kms			12.091083, 77.208056		
		Mutte to Kumbalakai Bell 1 Km	12.022583 77.203778 12.028667, 77.210056				Kurubanakare to Solar Shed	2	Kms			12.07894, 77.223056		
		Gallibore to Chikkasampige are 1 Km	12.03116, 77.206194 12.031444, 77.211694				Karadigudda to Gundal Game Road	2	Kms			12.061339, 77.222831 12.062111, 77.206566		
		Iltige Gudu Kere to Kurehatti	12.068056, 77.154167 12.062306, 77.171167				Baralla to Nerigedare	1	Kms			12.037439, 77.234057 11.021072, 77.230119		
		Cikkalakare to Edinbetta 4 Kms	12.075111, 77.161194				Kurubanakatte to Karadibore	2	Kms			12.057778, 77.142778 12.081556, 77.134528		
		Mahadeshwara Devastana to Teradigere 2 Kms	12.065139, 77.155228 12.051389, 77.161111				Karadibetta to Jenukallu Betta	2	Kms			12.065050, 77.155611		
							Anelkere to Hesu Harida Kanive	4	Kms			12.076833, 77.150111 12.051694, 77.121444		
							Neeralla to Marammana	3	Kms			12.128111, 77.158972		
							Devastana Anelkere	11	Kms			12.096389, 77.156833		
							Madhuvanahalli Plantation Road	8	Kms			12.136900, 77.156833		
		e. Bylore Range					e. Bylore Range					11.793306, 77.229444		
							Ardhanapura Checkpost to Jorekere (Puttarachahira Jameenu)	7.0	Kms	7	Kms	5828	0.41	
		Maintenance of road network.	16.24	7.2.2.1	Annual maintenance of existing roads		Annual maintenance of existing roads							
		Strengthening			c. Yelandur Range		c. Yelandur Range	3	Kms	3	Kms	48400	1.45	
					e. Bylore Range		e. Bylore Range							

S. No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	193.32	115.99
2.	Recurring (50%)	660.78	330.39
<b>Total</b>		<b>854.10</b>	<b>446.38</b>

	(Rs. In Lakhs)
Cost of APO including State's share	A
Center's share in APO	B
1 <sup>st</sup> release @ 80% of Center's share	C=0.8*B
Less: Unspent balance FY 18-19	D
Adjusted 1 <sup>st</sup> release	E=C-D
2 <sup>nd</sup> release @ 20% of Center's share	F=0.2*B
	854.10
	446.38
	357.10
	56.049
	301.05
	89.28

\* 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.