

No. 4-1(18)/2019-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 20th August, 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 Similipal Tiger Reserve, Odisha 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 Similipal Tiger Reserve, Odisha at the cost of **Rs. 1562.98 Lakhs (Rupees One thousand Five hundred Sixty Two lakhs Ninety Eight thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 993.81 Lakhs (Rupees Nine hundred Ninety Three lakhs Eighty One thousand only)** being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India** and **Government of Odisha**. 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 Odisha.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 660.53 lakhs (Rupees Six hundred Sixty lakhs Fifty Three thousand only)** as the 1st installment of Central Share towards the Grants-in-aid to Government of Odisha 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 **Similipal 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 Odisha** 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 **Similipal 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 Odisha in respect of **Similipal Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2020.
- (x) **Similipal 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 Odisha** 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 Odisha** to the **Govt. of India**.
- (xiii) Government of Odisha in respect of **Similipal 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 **Similipal 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 (**Similipal Tiger Reserve**) and **Government of Odisha**.
- (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 will not be diverted for any item other than specified herein.
- (xxiv) Funds to be spent only on items approved in TCP.
- (xxv) Funds for POL / maintenance of vehicles would be admissible only for the vehicles purchased from CSS funds.
- (xxvi) Compensation for loss due to wildlife is to supplement the State Government fund as per the rules of State Government.
- (xxvii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.
- (xxviii) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- (xxix) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxx) In case of employment through contract, copy of PF & ESI contributions of employees shall be obtained wherever applicable.
- (xxxi) 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.
- (xxxii) 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.
- (xxxiii) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- (xxxiv) The sanction order must mention measurable physical parameters and all measurable parameters are to be adhered to.
- (xxxv) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxxvi) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or C&AG.
- (xxxvii) All guidelines under the project is to be followed scrupulously.
- (xxxviii) 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.
- (xxxix) 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.
- (xl) All labour payments strictly by DBT.

4. As the annual budget of the Scheme is approved by the Central Government, the Government of Odisha 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 Odisha under intimation to this Department.

8. The expenditure incurred is adjustable to the Demand No. 25 (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)	264.22
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	132.10
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	264.21
Total		660.53

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 125371/AS&FA (PG) dated 14.8.2019.

Yours faithfully,


(Raja Ram Singh)

Assistant Inspector General of Forests (PT)

Copy to:-

1. The Secretary (Forests), Govt. of Odisha. 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 Odisha.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Odisha.
4. The Field Director, Similipal Tiger Reserve, Odisha.
5. The Accountant General, Odisha.
6. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
7. AIG, NTCA Regional Office, Nagpur.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.


(Raja Ram Singh)

Assistant Inspector General of Forests (PT)

S. N.	Item	Para No. of GSS-PT Guidelines /Para of TCP	Previous Year (2018-19)				Current Year Proposal (2019-20)				GPS Degree decimal)	Justification/Remarks			
			Location/GPS Coordinates	Physical		Financial (Rs. in Lakh)		Para No. TCP	No of Items (Physical target)	Specification/Description			Unit Price (in Rs.)	Total Financial Target	
				Target	Achievement	Target	Achievement								
4	Staff Welfare Provision for Ration Allowance to Field Staff	16.8.7/ STR-5.4			150	150	2.000	2.000	16.8.7/ STR-5.4	4	Conducting Capacity building training of front line staff, Eco-tourism Guides and EDC members of STR Tourism Zone on wildlife conservation, ecotourism guidelines and Protected Area Management.	40000	1.60	Pitribaba 21.9403, 86.5779 Jashnur 21.9500, 86.0717 Jamani 21.9557, 86.2221 Kumari 21.8605, 85.2555	Proposal has been made for conduction of capacity building training of front line staff, Eco-tourism Guides and EDC members of STR Tourism Zone on wildlife conservation, ecotourism guidelines and Protected Area Management. These training shall be conducted in the month of October, before the commencement of the tourism season in eco-tourism complexes and in Pitribaba.
4	Staff Welfare Provision for Ration Allowance to Field Staff	16.16/ STR-8.4			1	1	10.840	10.840	16.16/ STR-8.4	1	Ration allowance @ Rs. 860 per month to front line staff. Barpada : 47nosx860x12months Karanja : 50nosx860x12months Rairangpur:47nosx860x12months (Details Enclosed As Annexure-II)	1084000	10.84	Rairangpur 22.2649, 86.1741 Barpada 21.8466, 86.7304 Karanja 21.7659, 85.9770	The proposal has been made in accordance with the GCI guidelines for providing ration allowance to the field staff according to NITCA letter no. F. No.12-7/2019-NITCA, Gazette Notification No. 199 dated 06-06-2014. The fund requirement for 2019-20 is Barpada - Rs. 4,84,000/- Karanja- Rs. 3,00,000/- Rairangpur- Rs. 3,00,000/- TOTAL Rs. 10,84,000/-
	Supply of Mosquito net and filed Kit	16.16/ STR-8.4		492	492	2.460	2.460	16.16/ STR-8.4	164	820 front line staff for both core and buffer	1000	1.64	Rairangpur 22.2649, 86.1741 Barpada 21.9466, 86.7304 Karanja 21.7659, 85.9770	Proposal has been made for distribution of LLIN mosquito nets. Simlital is endemic to severe form of malaria (Plasmodium protozoan infection) and other vector-borne diseases, which requires supply of high quality LLIN mosquito nets for all the camps, rest sheds.	
5	Eco-Development Basic Health Care/ Health camp for staffs	16.16/ STR-6.3		3	3	12.750	12.750	16.16/ STR-6.3	3	Conduct health camps for staff and fringe villagers of STR.	100000	3.00	Rairangpur 22.2649, 86.1741 Barpada 21.9466, 86.7304 Karanja 21.7659, 85.9770	Proposal has been made to conduct health camps for staff and fringe villagers of STR for health screening, disease diagnosis and surveillance of communicable, clinical and vector borne diseases in and around STR.	

S. N.	Item	Para No. of CSS-PT Guidelines /Para of TCP	Previous Year (2018-19)				Current Year Proposal (2019-20)				Justification/ Remarks		
			Location/GPS Coordinates	Physical		Financial (Rs. in Lakh)		Para No. TCP	No. of Items (Physical target)	Specification/Description		Unit Price (in Rs.)	Total Financial Target
			Target	Achievement	Target	Achievement							
	To carry out prophylactic immunization of cattle in and around Tiger Reserve	16.10/ STR-6.3	7	7	4.900	4.900	16.10/ STR-6.3	7	Livelihood promotions including cattle immunization in 50 fringe villages of buffer division.	70000	4.90		Proposal has been made to create an immunized buffer for prevention of contagious disease in the wildlife-livestock interface area. To create an immunized buffer through ring vaccination by conducting veterinary camps in fringe villages for of vaccination, health screening of livestock.
	TOTAL				42.950	42.950					62.080		
	CORE												
1	Anti-poaching												
	Procurement of Field Gear, Night Vision, Devices etc.	16.115/ STR-12.4.2	600	500	22.380	22.380	16.115/ STR-12.4.2	400	Khaki cloth, Field Gear and Uniform Shoes; 125 Regular staff and 378 Protection Assistant, vulnerable camps, rain coat and mosquito net for moonsoon period.	45000	18.00	STR Core 21.9501, 86.7340 Rairangpur 22.2649, 86.1741 Barpada 21.9466, 86.7304 Karanija 21.7559, 86.9770	Proposal has been made to upgrade the camp facilities inside STR core by providing leech guards, rain coats, winter jackets, footwears, camp utensils, binoculars, relevant forms & registers, lahjis for effective foot patrolling, protection, monitoring in the tiger Reserve.

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S. N.	Item	Para No. of CSS-PT Guidelines / Para of TCP	Previous Year (2018-19)				Current Year Proposal (2019-20)				Justification/ Remarks			
			Location/GPS Coordinates	Physical Target	Achievement	Financial (Rs. in Lakh)	Para No. TCP	No of Items (Physical Target)	Specification/Description	Unit Price (in Rs.)		Total Financial Target	GPS (Degree decimal)	
	Establishing of patrolling camp Chowkis	16.13/ STR-72.5.1		0	0	0.000	0.000	16.13/ STR-72.5.1	17	Permanent Anti Poaching Camps to be established in the STR core area to strengthen the patrolling activities. (Enclosed as Annexure -I)	642000	109.14	21.8144, 86.5042 21.9675 85.4585 21.9492, 86.3415 21.8115, 86.3960 21.7883, 86.3919 21.6515, 86.4278 21.7275, 86.4592 21.7465, 86.4207 21.7297, 86.2390 21.7365, 86.3315 21.6863, 86.1664 21.7764, 86.3279 21.6512, 86.2067 21.6997, 86.2287 21.6442, 86.2836 21.7131, 86.2484 21.5802, 86.3230	Proposal has been made for upgrading the existing Temporary Machan Camps or creating new APC in the vulnerable areas. Permanent Anti-poaching Camps to be established in the STR core area to strengthen the patrolling activities. These APC will also be used for Core-buffer joint patrolling activities. 1) Sabarasa, 2)Machkandana-Nawana 3) Machine Mala 4)Dhuruchampa 5)Jodapal Chhakk 6)Marwadi bandh 7)Chari chhakk 8)Sihu Char 9)Rushibasa-Jenrabli 10) Mohama Hana 11) Manashi Marchan (12) Samuchha Jharan (13) Pokharbani (14) Baladaghar (15) Bengapani (16) Sandolia chhakk (17) Dhdobghat

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S. N.	Item	Para No. of Guidelines / Para of TCP	Previous Year (2018-19)				Current Year Proposal (2019-20)				Justification/Remarks									
			Location/GPS Coordinates		Physical		Financial (Rs. in Lakh)		Para No. of TCP			No of Items (physical target)		Specification/Description		Unit Price (in Rs.)		Total Financial Target		GPS (Degree decimal)
			Target	Achieve ment	Target	Achieve ment	Target	Achieve ment	Target	Achieve ment	Target	Achieve ment	Target	Achieve ment	Target	Achieve ment	Target	Achieve ment	Target	Achieve ment
2	Strengthening Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-STIPES) monitoring.	16.2.14/ STR-7.2.5.4	2	2	21.360	21.360	16.2.14/ STR-7.2.5.4	1	1	Establishing M-STIPES cell at Simlipal Tiger Reserve head quarter. 70nos Mobile x 8827/-=617880 02no Laptop x 55000/-=110000 02no Desktop x 55000/-=110000 04nos Scanner x 7000/-=28000 03nos printer x 15000/-=45000 01no Projector x 89110/-=89110	1000000	10.00	N/A	Proposal has been made to upgrade and strengthen the M-STIPES monitoring system in offline mode. Procurement of 70 mobiles, 2 laptops, 2 desktops, 3 projectors, 3 printers, 4 scanners etc for successful implementation of M-STIPES and generation of reports in Simlipal. Simlipal TR has successfully implemented M-STIPES in offline mode during FY 2018-19.	Rs. 2000000.00 Rs. 20140000.00 TOTAL					
	Procurement of Geographical Information System (GIS).	16.2.10/ STR-9.5 & 9.6	1	1	3.000	3.000	16.2.10/ STR-9.5 & 9.6	1	1	Engagement of 01 no. GIS Analyst (Rs.25000/- x 12)	300000	3.00	21.9501, 86.7340	Simlipal TR has raised 1 unit of STPF as a striking force for protection of the landscape. 57 STPFs and 3 Range officers are in position. Proposal is made to meet the expenses of Salary Allowances, Arrear 40% pay of 7th CPC, reimbursement of RCM, Raising infrastructure and maintenance of STPF camps. Salary Allowance Raising Infrastructure and maintenance of STPF for the year 2019-20 as detailed below:- Pay - Rs. 1400000.00 D.A. Rs. 2765000.00 O.A. Rs. 1000000.00 Arrear Pay Rs. 500000.00 Arrear DA Rs. 750000.00 7th CPC Arrear Rs. 1600000.00 RCM- Rs. 2000000.00 TOTAL Rs. 20140000.00	3.00					

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			Location/GPS Coordinates	Physical		Financial (Rs. in Lakh)		Para No. TCP	No of Items (Physical target)	Specification/Description		Unit Price (in Rs.)	Total Financial Target	GPS (Degree decimal)
				Target	Achievement	Target	Achievement							
	Procurement of Hardware	16.2.10/ STR-9.5 & 9.6		1	1	9.000	9.000	16.2.10/ STR-9.5 & 9.6	1	Upgradation of Hardware of Simlipal Tiger Reserve head quarter. 02no Laptop x 55000/-=110000 07no Desktop x 70000/-=490000 07nos Power Back up x10000/- =70000 10nos Chair x 2500/-=25000 15nos Computer Tablex7000/- =105000/-	800000	8.00	21.9501, 86.7340	Proposal has been made for upgradation of hardware like 2 Laptop, 7 Desktop, 7 Power Back up, 10 chairs, 15 Computer Table for smooth conduct of office and field work inside Simlipal Tiger Reserve.
	Procurement of Software	16.2.10/ STR-9.5 & 9.6		7	7	6.720	6.720	16.2.10/ STR-9.5 & 9.6	1	Engagement of 7nos DEOs in 7 Ranges (Rs. 12900/- x 7nos)x12month	1084000	10.84		Proposal has been made for upgradation of OS, Anti virus installation, upgradation of GIS software and payment of Salary for 7nos Data Entry Operators @ Rs.12900/- per month for 12month engaged in FD STR & DD STR office as per PCCF Odisha guidelines.
3	Research and Field Equipment													
	Day to day Monitoring of Wild Animals	16.7/ STR-7.1		1	1	4.000	4.000	16.7/ STR-7.1	1	Purchase of consumables items to be used for daily monitoring of wildlife patrolling inside Simlipal TR.	400000	4.00	Pithabala 21.9403, 86.5779	Proposal has been made to procure consumables to be used for daily monitoring of wildlife patrolling inside Simlipal TR. Fund is required for purchase of consumables like batteries for camera traps, printing of forms and documents, maintenance of records for VHF, Patrolling, Sighting, Camp attendance, Gate entry-exit, weather data in 120 camps and 25 machans and in HQ office of Simlipal.
4	Mainstreaming Wildlife Concerns	16.10.1.2/ STR-11.2		1	1	10.000	10.000	16.10.1.2/ STR-11.2	1	As per MOU Rs. 13,50,000/- to be paid to WTI per annum for operation of Mobile Veterinary unit in STR for rescue and release of Wild Animals including checking and treatment of captive elephant of STR.	10000000	10.00	Pithabala 21.9403, 86.5779	Simlipal TR has a mobile veterinary services unit to provide technical support for managing transient animals, treating the diseased cases, support the vaccination and veterinary health camps and health profiling of the captive elephant. The Mobile Veterinary Services of Simlipal TR is operated by Vet of Simlipal Tiger Reserve and Wildlife Trust of India. Proposal has been made to meet the expenses of STR-MNS as per the MOU signed between WTI & FD STR and approved by Govt of Odisha.

S. N.	Item	Para No. of CSS-PT Guidelines (Para of TCP)	Previous Year (2018-19)				Current Year Proposal (2019-20)				Justification/Remarks			
			Location/GPS Coordinates	Physical		Financial (Rs. in Lakh)		Para No. TCP	No of Items (Physical target)	Specification/Description		Unit Price (In Rs.)	Total Financial Target	GPS (Degree decimal)
				Target	Achieve ment	Target	Achieve ment							
5	Staff Development Study tours for Appraisal of Good Practices in Other Tiger Reserves	16.8.5/ STR-8.4		21	21	4.500	4.500	16.8.5/ STR-8.4	30	Exposure visit for frontline staff to outside State Protected Area and other Tiger Reserve for capacity building on the topics like protection, wildlife monitoring, patrolling, eco-tourism, botanisation, intelligence gathering, MSTRPES implementation.	13000	3.90	N/A	Proposal is made for Fund required for Exposure visit for frontline staff to outside State Protected Area and other Tiger Reserve for capacity building on the topics like protection, wildlife monitoring, patrolling, eco-tourism, botanisation, intelligence gathering, MSTRPES implementation. In last 2 years, STR staff visited Kanha NP and Kaziranga TR.
6	Project Allowance Provision of Project Allowance to staff (all categories) of Project Tiger (providing project allowance to Ministerial staff is a new component) (non recurring). Separate for all categories. See from guide lines	16.15/ STR-12.4		250	250	37.000	34.357	16.15/ STR-12.4	1	Field Director and staff including Ministerial staff of FD STR, Core Division, Barpada Division, Karanjia Division, Rairangpur Division. (Details enclosed in separate sheet as Enclosed Annexure-IV)	3700000	37.00	NA	Proposal is made in accordance with NITCA guidelines for payment of Project Allowance to all the eligible staff of FD STR, Core Division, Barpada Division, Karanjia Division, Rairangpur Division. The requirement for 2019-20 is hereunder- STR - Rs. 1680000.00 Barpada - Rs. 800000.00 Karanjia- Rs. 700000.00 Rairangpur- Rs. 600000.00 Total- Rs. 3700000.00
7	Staff Welfare Provision for ration allowance to field staff	16.16.4/ STR-12.4		198	198	12.900	12.900	16.16.4/ STR-12.4	1	Ration allowance @ Rs. 860 per month to front line staff of Core Area 137nos/860x12months	1470000	14.70	STR Core 21.9501, 86.7340 Rairangpur 22.2649, 86.1741 Barpada 21.9486, 86.7304 Karanjia 21.7659, 86.9770	Proposal has been made as per NITCA guidelines on payment of ration allowance to the eligible staff of Simlipal Tiger Reserve Core Division.
	Supply of Field Kit	16.16.4/ STR-7.2.5.1		400	400	14.550	14.550	16.16.4/ STR-7.2.5.1	80	Upgrade the camp facility by providing required field kits for protection, monitoring and housing. Simlipal has more than 120 APC having 600 regular and daily wage staffs stationed.	15000	12.00	Separate KMZ/MML file attached.	Proposal has been made to upgrade the camp facility by providing required field kits for protection, monitoring and housing. Simlipal has more than 120 APC having 600 regular and daily wage staffs stationed. Fund is required for procurement of solar power energy back-up, water filters, tracker devices p.p. sets, home-light systems, Tamarlin, Tent equipment, utensil,

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			Location/GPS Coordinates	Physical		Financial (Rs. In Lakh)		Para No. TCP	No of items (physical target)	Specification/Description		Unit Price (in Rs.)	Total Financial Target	GPS (Degree decimal)
				Target	Achievement	Target	Achievement							
	Supply of Medicine	16.16.3/ STR-8.4		400	400	2.750	2.750	16.16.3/ STR-8.4	600	Anti-malarial, Anti-inflammatory, anti pain medicine kits	500	3.00	Separate KMZ/KML file attached.	Sanitised landscape is highly prone to Malaria and other vector borne diseases. Proposal is made for procurement of personal and field medical kits, first aid boxes, field test kits, electrolyte supplementation for the 120 camps and machans.
	TOTAL CORE					298.160	292.016				444.980			
	TOTAL NON-RECURRING (BUFFER + CORE)					341.110	334.966				507.060			
1	Anti-Poaching													
	Maintenance of elephant squads.	16.1.11/ STR-11.1		1	1	20.000	20.000	16.1.11/ STR-11.1	1	Maintenance of 6 captive elephants and Dog squad	200000	20.00	Jenani 21.7355, 86.9605	Sanitised TR has an elephant squad having 5 Kuruki and 1 sniffer dog unit. Proposal is made to meet required fund for maintenance of 6 captive elephants and Dog squad, feeding and medicine charges of captive elephants and sniffer dogs, wages of elephant and dog handlers.
	Maintenance of Field Gear, Night Vision Device	16.1.15/ STR-10.2		200	200	11.130	11.130	16.1.15/ STR-10.2	200	Khaki clothe, Shoe, Binoculars Field Gear and Uniform Shoes: 105 Regular staff and 246 Protection Assistant, Binoculars 20 nos. for 20 vulnerable camps.	4500	9.00	Separate KMZ/KML file attached.	Proposal is made to upgrade the camp facilities inside STR buffer by providing leach guards, rain coats, winter jackets, footwears, camp utensils, binoculars, relevant forms & registers, latins for effective foot patrolling, protection, monitoring in the tiger Reserve.
2	Strengthening	16.2.1/ STR-11.6	21.94, 86.72 21.76, 85.97 22.25, 86.10	8	8	6.000	6.000	16.2.1/ STR-11.6	20	Repairing of existing establishment (Details enclosed in separate sheet as Enclosed Annexure-V)	30000	6.00	Rairangpur 22.2649, 86.1741 Barpada 21.9466, 86.7304 Karanjia 21.7659, 85.9770	Proposal is made for fund required for periodic repair and maintenance of existing staff quarter, office improvement and house keeping of the 3 buffer divisions. The existing building are old and required periodic maintenance along with updation in sanitary fittings and renovation of kitchen and roof structures.

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S. N.	Item	Para No. of CSS-PT Guidelines / Para of TCP	Previous Year (2018-19)				Current Year Proposal (2019-20)				Justification/ Remarks		
			Location/GPS Coordinates	Physical		Financial (Rs. in Lakh)		Para No. TCP	No of items (Physical target)	Specification/Description		Unit Price (In Rs.)	Total Financial Target
			Target	Achieve ment	Target	Achieve ment							
	Maintenance of road network	16.2.2/ STR-10.1	140	140	28.000	28.000	16.2.2/ STR-10.1	100	155 km of road length inside core. Annual maintenance including bush cutting, side drain cutting, stone pitching with murrum spreading in special repair stretches (As per form received from PCCF(WL), Odisha Rs. 0.69 lakh per Km for maintenance of existing road.)	20000	20.00	Separate KMZ/KML file attached.	Forest Road inside Similipal requires annual post-monsoon maintenance. Hilly terrains and heavy monsoon rainfall cause heavy damage to Similipal Roads. Proposal has been made for fund required for maintenance and improvement of buffer roads. Baripada Division : Manabhangra to Barjikusurn(15km), Bamabasa to Kulipal(18 Km), Nedam to Barbedel(10km),Taidha to Dekurnd(8 Km) /KaranjiaDivision: Kaitaprasad to Gudgudal(10km), Kendumundi to Sealdal(13km), Ranibhol to Kandathenu(18km), Buidiyagan Kandhenu(15km)/Rairangpur(Divison : Tulasibani to Brundaban(22km), Taabandha to Charaet(12.5 Km), Baireipani to Kohla(13 km)
	Maintenance of vehicles (Gypsy, Jeep, Truck, Tractor, staff car etc.)	16.2.8/ STR-10.2	10	10	9.000	9.000	16.2.8/ STR-10.2	3	Repairing of Govt Vehicle and purchase POL	300000	9.00	Rairangpur 22.2649, 86.1741 Baripada 21.9466, 86.7304 Karanjia 21.7659, 85.9770	Proposal has been made for Govt vehicle maintenance for the buffer area. Because of the morum roads, Kuchra Ghats and hilly terrains, patrolling vehicles require regular maintenance.
	TOTAL BUFFER (Recurring)				74.130	74.130					64.000		
	CORE-RECURRING												
1	Anti-Poaching												

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S.N.	Item	Para No. of GSS-PT Guidelines /Para of TCP	Previous Year (2018-19)				Current Year Proposal (2019-20)				Justification/ Remarks		
			Location/GPS Coordinates	Physical		Financial (Rs. in Lakh)		Para No. TCP	No of items (Physical target)	Specification/Description		Unit Price (in Rs.)	Total Financial Target
			Target	Achieve ment	Target	Achieve ment							
	Deployment of camp labours for patrolling	16.1.2/ STR- 7.2.5.1	450	450	484.500	471.487	16.1.2/ STR- 7.2.5.1	400	Local youths on Minimum Daily wage@282 50/- per day and EPP 13.5%, with ESI and service tax and charges to be engaged through outsourcing.	138035	552.14	Separate KMZ/KML file attached.	Simlipal TR is one of the largest TR of the country having an area of 2750 Sq. Km out of which core area is 1194 Sq. Km. A total no. of 64villages in buffer and 1 village in Core. There are more than 1400 villages inside the transition zone of 10 km. around the TR. To mitigate heavy pressure on the STR from graziers, NTFP collectors, poachers, 120 APC and 25 Marichan in STR protects Simlipal from poachers, unauthorised entries, prevent Akhand Shikar, forest fire. Because of the hostile terrain, inaccessible area and acute-malaria prone area, there is requirement of higher No. of staffs per camp. All the squads are providing additional support to the regular field Staff in protection and other activities.
	Legal support for defending court cases	16.1.13	1	1	1.500	1.500	16.1.13	1	Expenditure on legal issues	100000	1.00	N/A	Proposal is made for payments of fees for lawyers engaged in dealing with wildlife cases and cases related to STR management, payment of fees for lab diagnosis of biological samples by expert labs.
	Maintenance of vehicles, boats	16.1.14/ STR- 4.7.6.2	1	1	22.500	22.500	16.1.14/ STR- 4.7.6.2	1	Maintenance of Vehicles are in position in Core Division & Purchase POL	2250000	22.50	N/A	Simlipal Tr has more than 20 patrolling vehicles. Cost of POL for the patrolling vehicle, annual maintenance and repair of vehicles, replacement of tyres, spare parts etc.
	Maintenance of existing patrolling camps/showks and deployment of camp labours for patrolling.	16.1.4/ STR- 7.2.5.1	1	1	20.000	20.000	16.1.4/ STR- 7.2.5.1	20	20 existing campus maintenance of kitchen, toilets, addressing of water problem, maintenance of solar powered home light system of 20 APCs.	1500000	30.00	Separate KMZ/KML file attached.	Proposal is made for funds to meet annual maintenance of selected 20 existing camps, maintenance of kitchen, toilets, addressing of water problem, maintenance of solar powered home light system of 20 APCs.

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S. N.	Item	Para No. of GSS-PT /Para of TCP	Previous Year (2018-19)				Current Year Proposal (2019-20)				Justification/ Remarks		
			Location/GPS Coordinates	Physical		Financial (Rs. in Lakh)		Para No. TCP	No of items (Physical target)	Specification/Description		Unit Price (in Rs.)	Total Financial Target
			Target	Achievement	Target	Achievement							
	Maintenance of wireless tower	16.2.8/ STR- 4.7.6.3	3	3	12.000	12.000	16.2.8/ STR- 4.7.6.3	40	Simlipal TR is devoid of any mobile network, so VHF is the only communication lifeline for management.	30000	12.00	Separate KMZ/KML file attached.	Simlipal TR is devoid of any mobile network, so VHF is the only communication lifeline for management. For protection, monitoring, day to day VHF network is required. STR has more than 120 VHF base stations and 200 PP sets. Proposal is made for funds required for procurement and maintenance of VHF base stations, solar system, pp sets, installation of towers for strengthening communication.
	Rewards to Informers.	16.1.12/ STR- 4.7.6.2	20	20	3.000	3.000	16.1.12/ STR- 4.7.6.2	20	Number of informers have been engaged in and around Simlipal for collection of local intelligence on poaching, illicit killing and fire.	10000	2.00	N.A	Number of informers have been engaged in and around Simlipal for collection of local intelligence on poaching, illicit killing and fire. A token money reward including mobile recharge and conveyance costs encourages them to provide intelligence input. Proposal is made to meet the expenses in maintaining the local intelligence network.
2	Strengthening Maintenance of (patrolling camp, culverts),	16.2.1.2/ STR- 7.2.5.1	8	8	8.000	8.000	16.2.1.2/ STR- 7.2.5.1	10	Repair of culverts	80000	8.00	Separate KMZ/KML file attached.	Simlipal Tr has many perennial nales stream which cut through the vast road network. A number of causeways and culverts have been constructed. Proposal is made for maintenance of these Culverts/Causeways inside STR area to ensure round the year connectivity for effective patrolling and enforcement.
	Maintenance of Beat Office	16.2.1.3/ STR- 7.2.5.1	1	1	5.000	5.000	16.2.1.3/ STR- 7.2.5.1	1	Maintenance of Beat Office	400000	4.00	Separate KMZ/KML file attached.	Simlipal core division has 76 beats. Proposals have been made for maintenance of 4 beat guards residence cum office under annual maintenance work like provision of kitchen, change of roof GI steels, maintenance of staff toilets, colouring work.

Signature

S.N.	Item	Para No. of GSS-PT / Para of TCP	Previous Year (2018-19)				Current Year Proposal (2019-20)				Justification/ Remarks			
			Location/GPS Coordinates	Physical		Financial (Rs. In Lakh)		Para No. TCP	No of items (physical target)	Specification/Description		Unit Price (in Rs.)	Total Financial Target	GPS (Degree decimal)
				Target	Achievement	Target	Achievement							
	Maintenance of bridges.	16.2.5/ STR- 4.7.6.1	21.82, 86.41 21.68, 86.38 21.73, 86.36 21.73, 86.28 21.98, 86.29	40	40	8.000	8.000	16.2.5/ STR- 4.7.6.1	40	Maintenance of bridges.	17500	7.00	21.9122, 86.4421 21.9812, 86.3580	Separate KMZ/KML file attached. Simlipal TR has many perennial nails and stream cut through the road network. To maintain the year movement, wooden bridges have been put in place. Proposal is made for maintenance and upgrade of wooden bridge for ensuring connectivity after monsoon. It will ensure protection, patrolling and wildlife monitoring in Simlipal.
	Maintenance of dams	16.2.5/ STR- 4.7.6.1	21.82, 86.41 21.68, 86.38 21.73, 86.36 21.73, 86.28 21.98, 86.29	1	1	2.000	2.000	16.2.5/ STR- 4.7.6.1	2	Maintenance of dams	100000	2.00	21.9122, 86.4421 21.9812, 86.3580	To ensure the spatio-temporal availability of water inside STR a no. of ponds, waterbodies and WHS have been created. Proposal is made for maintenance of two existing water bodies and Water harvesting Structures inside Simlipal Tiger Reserve.
	Maintenance of D/D/ DFO Quarter	16.2.1/ STR- 7.2.5.1	21.9350, 86.7285	1	1	3.000	3.000	16.2.1/ STR- 7.2.5.1	1	Maintenance of D/D/ DFO Quarter (Pinth Area : 2500Sqft)	700000	7.00	21.9350, 86.7285	Proposal is made for Maintenance of DD residence at Barpada and upgrade of gate.
	Maintenance of FD Office	16.2.1/ STR- 7.2.5.1	21.9501, 86.7340	1	1	2.000	2.000	16.2.1/ STR- 7.2.5.1	1	Maintenance of FD Office (Pinth Area : 8700Sqft)	700000	7.00	21.9501, 86.7340	Proposal is made for installation of electrical fittings and colouring and maintenance of FD office at Barpada.
	Maintenance of FD Quarters.	16.2.1/ STR- 7.2.5.1	21.9561, 86.7450	1	1	2.000	2.000	16.2.1/ STR- 7.2.5.1	1	Maintenance of FD Quarters. (Pinth Area : 3000Sqft)	100000	1.00	21.9561, 86.7450	Proposal is made for maintenance of FD quarters at Barpada.
	Maintenance of Forest Guard Quarters.	16.2.1/ STR- 7.2.5.1	21.9501, 86.7340	1	1	2.000	2.000	16.2.1/ STR- 7.2.5.1	2	Maintenance of Forest Guard Quarters. (Pinth Area 600 Sq. Ft. per Chr)	100000	2.00	Separate KMZ/KML file attached.	Simlipal core division has 75 beats. Proposals have been made for maintenance of 2 forest guards residence under annual maintenance work like provision of kitchen, change of roof GI sheets, maintenance of staff toilets, colouring work.
	Maintenance of Foresters Quarters	16.2.1/ STR- 7.2.5.1		1	1	3.000	3.000	16.2.1/ STR- 7.2.5.1	2	Maintenance of Foresters Quarters (Pinth Area 735 Sq. Ft. per Chr)	150000	3.00	Separate KMZ/KML file attached.	Simlipal core division has 23 sections. Proposals has been made for maintenance of 2 foresters residence cum office under annual maintenance work.
	Maintenance of Hardware.	16.2.10/ STR-9.5 & 9.6		1	1	3.000	3.000	16.2.10/ STR-9.5 & 9.6	1	Upgrade and maintenance of existing hardware.	200000	2.00	NA	Proposal is made to upgrade and maintain the existing hardware like work stations, desktops, laptops, printers, photocopyers, scanners etc for smooth monitoring, reporting and analysis of patrolling data, protection activity and wildlife activities inside Simlipal Tiger Reserve.

S. N.	Item	Para No. of CSS-PT /Para of TCP	Previous Year (2018-19)				Current Year Proposal (2019-20)				Specification/Description	Unit Price (in Rs.)	Total Financial Target	GPS (Degree decimal)	Justification Remarks
			Location/GPS Coordinates	Physical Target	Physical Achieve ment	Financial (Rs. in Lakh) Target	Financial (Rs. in Lakh) Achieve ment	Para No. TCP	No of Items (Physical target)	Target					
	Maintenance of Range Office	16.2/1/ STR-7.25.1	21.6514, 86.3001 21.7329, 86.3491 21.9500, 86.0717 21.8274, 86.4116 21.8891, 86.3849 21.9403, 86.5779 21.9854, 86.2929	1	1	1,000	1,000	16.2/1/ STR-7.25.1	1	Maintenance of Range Office Plinth Area - 1200 Sqft.	100000	1,00	21.6514, 86.3001 21.7329, 86.3491 21.9500, 86.0717 21.8274, 86.4116 21.8891, 86.3849 21.9403, 86.5779 21.9854, 86.2929	Singlepl core division has 7 ranges. Proposals have been made for maintenance of 7 existing range office under annual maintenance work like upgradation of roof structure maintenance, toilets and sanitary fittings, civil works.	
	Maintenance of Ranges Quarters.	16.2/1/ STR-7.25.1	21.6514, 86.3001 21.7329, 86.3491 21.9500, 86.0717 21.8274, 86.4116 21.8891, 86.3849 21.9403, 86.5779 21.9854, 86.2929	1	1	1,000	1,000	16.2/1/ STR-7.25.1	1	Maintenance of Ranges Quarters. (Plinth Area - 900 Sq ft)	100000	1,00	21.6514, 86.3001 21.7329, 86.3491 21.9500, 86.0717 21.8274, 86.4116 21.8891, 86.3849 21.9403, 86.5779 21.9854, 86.2929	Striplpl core division has 7 ranges. Proposals have been made for maintenance of 7 existing range officer quarters under annual maintenance work like kitchen facility, civil works, toilet and sanitary maintenance.	
	Maintenance of road network.	16.2/2/ STR-4.76.1		500	500	74,250	74,250	16.2/2/ STR-4.76.1	1	600 kms of road length inside core. Annual maintenance including bush cutting, side drain cutting, stone pitching with murrum spreading in special repair stretches (As per norm received from PCCF(WL), Odisha Rs. 0.69 lakh per Km for maintenance of existing road.)	7026000	70.25	Separate KMZ/KML file attached.	STR is one of the largest tiger reserve of the country having more than 1000KM of murrum road network. Out of which 600KM length of important road to be taken up for annual maintenance in this year which includes bush cutting, side drain cutting stone-pitching with murrum spreading in specific stretches. Proposal is made for annual maintenance of this vast road network to ensure round the year connectivity for monitoring and protection.	
	Maintenance of Software.	16.2/10/ STR-9.5 & 9.6	21.9501, 86.7340	1	1	3,000	3,000	16.2/10/ STR-9.5 & 9.6	1	Maintenance of Software	200000	2.00	N/A	Proposal is made for regular maintenance of Operating System, Anti virus, other GIS software of the STR office and range offices.	
	Maintenance of Toilets	16.2/1/ STR-7.25.1		3	3	6,000	6,000	16.2/1/ STR-7.25.1	4	Maintenance of Toilets	100000	4.00		Proposal is made for regular maintenance of toilet and water facilities by providing new sanitary fittings, upgradation of water facility, floor tiles.	

S. N.	Item	Para No. of Guidelines /Para of TCP	Previous Year (2018-19)				Current Year Proposal (2019-20)				Justification/ Remarks		
			Location/GPS Coordinates	Physical		Financial (Rs. in Lakh)		Para No. TCP	No of items (Physical target)	Specification/Description		Unit Price (in Rs.)	Financial Target
			Target	Achieve ment	Target	Achieve ment							
	Creation of fire lines and fire breaks	16.2/6/ STR-7.2.5.2	910	910	36.000	36.000	16.2/6/ STR-7.2.5.2	800	1350 kms (910 Km in core+ 450 Kms in buffer fire line and 19 squads @ 10 person squad for each range in Core Division(7 Ranges) and Buffer Division (12 Ranges) with equipment, etc.	4000	32.00	Separate KM/2KM file attached.	STR is highly vulnerable to Forest Fire. Forest fire inside STR is of anthropogenic nature which is caused by NTFP collectors, graziers and the fringe villagers to eradicate tick and leeches. More than 1000 kms of roads, old fire lines of 6 mtr width are maintained annually for prevention of fire. As per the vulnerability, new fire lines also to be created in the season. STR is having rugged terrain, inaccessible area with high vulnerability to anthropogenic forest fire. It requires effective forest fire management by engagement of fire fighting squads, purchase of fire leaf blowers, POL and their maintenance. Fire fighting squads have been provided with vehicles at section level to mitigate the forest fires. Because of intensive engagement, fire incidents inside STR has been drastically reduced. Proposal is made for funds to meet expenses on creation and maintenance of fire lines, engagement of fire squads, purchase of fire blowers, POL and cost of hiring vehicles for fire management.
3	Staff Development Capacity building and training.	16.8.1/ STR-8.4	8	8	4.000	4.000	16.8.1/ STR-8.4	5	To Organize Capacity building of front line staff	40000	2.00	N/A	Proposal is made for Capacity building of staff in census technique, habitat and grassland improvement, law enforcement, rescue and rehabilitation technique, eco-tourism management
4	Staff Welfare Maintenance of Torch Batteries	16.16/ STR-8.4	150	150	1.500	1.500	16.16/ STR-8.4	100	Procurement of heavy duty solar powered torch.	1500	1.50	NA	For procurement of heavy duty solar powered torch for night patrolling and surveillance.
5	Habitat Improvement												

S. N.	Item	Para No. of CSS-PT Para of TCP	Previous Year (2018-19)	Physical		Financial (Rs. in Lakh)		Para No. of TCP	No of items (Physical Target)	Specification/Description	Unit Price (in Rs.)	Total Financial		GPS (Degree decimal)	Justification/Remarks
				Target	Achievement	Target	Achievement					Target	Achievement		
	Grass land improvement, welland improvement	16.3/ STR-5.6.5		218	218	24,000	24,000	16.3/ STR-5.6.5	200	Segment cutting of improved meadows by cutting of grasses 2 in a year in the month of July-August and November, December, Imperial, Thernada, Bolholor, Salara, Chrysopogon, Paspalum, Andropogon, Cynodon.	24000	48,00	Separate KMZ/KML file attached.	Less than 1% of STR is under meadow management for prey base augmentation development of meadow and management of palatable grasses are important. To maintain the spatio-temporal availability of grasses for fodder and cover, segment cuttings twice a year is prescribed. Proposal is made to maintain and to create new grasslands inside STR for prey augmentation.	
	Removal of gregarious plant growth from grasslands	16.3/ STR-5.6.5		160	160	45,000	45,000	16.3/ STR-5.6.5	100	Removal of gregarious plant growth to avoid further squeezing of meadows by removing the Frost affected Sal, saplings and other weedy growth like <i>Syzgium nervosuses</i> , <i>Casaria graveolens</i> in post monsoon.	28000	28,00	Separate KMZ/KML file attached.	For removal of gregarious plant growth from grassland.	
	Water retention structures	16.3/ STR-11.5		40	40	33,000	33,000	16.3/ STR-11.5	1	Sub-Surface diaphragm to retain the SMC.	300000	3,00		Proposal is made for construction of sub-surface Water Harvesting Structures. These are helpful in ensuring Spatio-temporal availability of moisture in the rains by ensuring the checking of sub-surface flow of water in the pinch period, which is very much essential for the habitat.	
	Weed Eradication	16.3/ STR-5.6.5		86	86	18,000	18,000	16.3/ STR-5.6.5	150	Uproosing of invasive weed growth like <i>Chronolaena odorata</i> , <i>Azartium, conyzoides, Parthenium, Lantana, Stachytarpheta Indica</i> .	21000	31,50	Separate KMZ/KML file attached.	Proposal is made for de-weeding activities inside Simlinal grasslands by engaging manual labours. To keep the habitat free from weed and check further invasion of weed, 03year continuous intervention is required in the taken-up area. <i>Chronolaena odorata, Agartium, conyzoides, Parthenium, Lantana, Stachytarpheta Indica</i> .	
	TOTAL CORE (Recurring)					828,250	815,237					886,890			
	TOTAL RECURRING (BUFFER + CORE)					902,380	889,367					950,890			
	TOTAL CSS (Non-Recurring + Recurring)					1243,490	1224,333					1457,950			

S. N.	Item	Para No. of CSS-PT Guidelines	Previous Year (2018-19)				Current Year Proposal (2019-20)				Justification/ Remarks			
			Location/GPS Coordinates	Physical		Financial (Rs. in Lakh)		Para No. TCP	No of items (Physical target)	Specification/Description		Unit Price (in Rs.)	Total Financial Target	GPS (Degree decimal)
				Target	Achieve ment	Target	Achieve ment							
	Organizing vehicular patrolling by constituting squads (Tiger Protection Force) comprising of field staff, laborers and police or SAF or ex-army personnel or home guards with wireless handset and paraphernalia for apprehending offenders, apart from prescribing a patrolling calendar for the squad.)	16.16						16.16/ STR-10.3	1 No.	Forming mobile squads (Vehicle patrolling squads) by constituting squads @ 5 person in each squad with 1 No. fire vehicle & Cost POL at D-Kusum and Lakhanpur (@280/-per person per day)	1045000	10.45	21.50 83.77 21.64 83.61	Forming mobile squads (Vehicle patrolling squads) by constituting squads @ 5 person in each squad with 1 No. fire vehicle & Cost POL at D-Kusum and Lakhanpur. To strengthen protection activities in vulnerable locations by improving man power and mobility.
	Strengthening													
	Maintenance of fire lines and firebreaks	16.2.15						16.2.15/ STR-7.2.5.2	200km	Creation of fire lines for proper check of forest fire during summer	3000	6.00	21.26 83.69 21.50 83.66 21.50 83.66 21.51 83.70 21.48 83.66 21.50 83.62 21.49 83.85 21.54 83.69	Creation of fire lines for proper check of forest fire during summer. Creation of fire lines during summer in all the areas mentioned here are important to have proper control on forest fire in these areas, as all these areas are identified as highly fire prone.
	Procurement of hardware	16.2.18						16.2.18/ STR-9.1	3nos	Procurement of Laptop-3 No. with accessories (one each Kangraon WL Range, Hitekud WL Range and Lakhanpur WL Range)	50000	1.50	21.50 83.77 21.64 83.61 21.60 83.73	Procurement of Laptop-3 No. with accessories (one each Kangraon WL Range, Hitekud WL Range and Lakhanpur WL Range). For smooth monitoring, reporting and analysis of patrolling data, protection activity and camera trap image collection in wildlife monitoring activities.
	Addressing Man-animal conflict								20nos	Procurement of VHF Walkie talkies 20 No. (Kangraon WL Range-3 No. Lakhanpur WL Range-8 No. Hitekud WL Range-4 No.)	25000	5.00	21.50 83.77 21.64 83.61 21.60 83.73	Procurement of VHF Walkie talkies 20 No. (Kangraon WL Range-8 No. Lakhanpur WL Range-4 No.). In order to strengthen effective communication network is important here. Since many areas under the PA is not connected by mobile network, ensuring communication through VHF network is important.

S. N.	Item	Para No. of CSS-PI /Para of TCP	Previous Year (2018-19)				Current Year Proposal (2019-20)				Justification/ Remarks			
			Location/GPS Coordinates	Physical		Financial (Rs. in Lakh)		Para No. TCP	No of Items (Physical target)	Specification/Description		Unit Price (in Rs.)	Total Financial Target	GPS (Degree decimal)
				Target	Achievement	Target	Achievement							
	Procurement of traps to catch problematic animals.	16.4.3						16.4.3/ STR-11.2	1no.	Procurement of Automatic traps- 1 no., Big net- 1 no., Stratcher- 1 no., Big rope- 3 nos. In Raigoda	300000	300	21.64 83.61	Procurement of Automatic traps- 1 no., Big net- 1 no., Stratcher- 1 no., Big rope- 3 nos. In Raigoda. In order to equip the staff with equipment required for rescue and rehabilitation of wild animals in required conditions.
	Research and Field Equipment													
	Day to day monitoring of wild animals	16.7.1						16.7.1/ STR-7.1	1No.	A research scholar who is holding the degree of wildlife biology/zooology @ Rs.20,000/-per Month	240000	2.40	21.64 83.61 21.50 83.77	A research scholar who is holding the degree of wildlife biology/zooology. Engaging a research scholar is important in assisting the wildlife monitoring activities. Guiding the staff in the field in wildlife monitoring activities and compiling the data on wildlife monitoring shall be duties assigned to him.
									25nos	Camera traps and accessories Trap Camera @ Rs.20,000/- Battery @ Rs. 2,000/- SD Card @ Rs. 2,500/- Camera Guard @Rs. 1500/-	26000	6.50		Procurement of Camera traps and accessories. In order to ensure effective monitoring on Tiger and co-predators it is required to procure sufficient No of camera traps. Approximately Unit cost is Rs.30,000/- with all accessories.
												62.11		
	RECURRING													
	Anti poaching													
	Maintenance of Vehicles	16.1.20						16.1.20/ STR-4.7.6.2	4 No.	Repair and maintenance of Govt vehicles(4 No.)-(Karnagon WL Range, Lakhanpur WL Range, Hirakud WL Range)	26000	1.00	21.50 83.77 21.54 83.61 21.50 83.73	Repair and maintenance of Govt vehicles(4 No.)-(Karnagon WL Range, Lakhanpur WL Range, Hirakud WL Range). In order to improve the mobility of the staff, proper use of these vehicles is important. Hence the maintenance of the vehicles proposed
	Maintenance of existing patrol camps/showkes	16.1.4						16.1.4/ STR-7.2.5.1	10 No.	Chorasimal, Pathendurga, D-Kusum, Barakhandia Jagadabehra, Debgan, Khajuria, Badduna, Mahuluru, Job	50000	5.00	21.59 83.59 21.55 83.62 21.50 83.77 21.53 83.77 21.56 83.64 21.55 83.58 21.52 83.61 21.63 83.72 21.56 83.69 21.52 83.73	Chorasimal, Pathendurga, D-Kusum, Barakhandia, Jagadabehra, Debgan, Khajuria, Badduna, Mahuluru, Job. All these patrolling camps are important in the protection network of the PA. In order to ensure the camping of protection squad, maintenance of these camp sheds are important

S. N.	Item	Para No. of CSS-PT Guidelines /Para of TCP	Previous Year (2018-19)				Current Year Proposal (2019-20)				Justification/ Remarks			
			Location/GPS Coordinates	Physical		Financial (Rs. in Lakh)		Para No. TCP	No of Items (Physical target)	Specification/Description		Unit Price (In Rs.)	Total Financial Target	GPS (Degree decimal)
				Target	Achieve ment	Target	Achieve ment							
	Maintenance of Wireless network	16.1.8						16.1.8/ STR-47.6.3	25 No.	25 No. of walkie talkies(Kangraon WL Range, Lakhanpur WL Range, Hirakud WL Range)	10000	2.50	21.50 83.77 21.64 83.61 21.60 83.73	25 No. of walkie talkies(Kangraon WL Range, Lakhanpur WL Range, Hirakud WL Range). In order to strengthen protection activities, establishing effective communication network is important here. Since many areas under the PA is not connected by mobile network, ensuring communication through VHF network is important.
	Strengthening								10 No.	10 No. of base stations -VHF main sets(Gohrdpur, Samandhara, Chorasimal, Parbatlung, Khajura, Debrigarh, Baduduma, Junani, Lambipal, Kangraon)	30000	3.00	21.71 83.60 21.56 83.51 21.69 83.59 21.60 83.73 21.52 83.61 21.56 83.58 21.63 83.72 21.51 83.69 21.50 83.65 21.64 83.61	10 No. of base stations -VHF main sets(Gohrdpur, Samandhara, Chorasimal, Parbatlung, Khajura, Debrigarh, Baduduma, Junani, Lambipal, Kangraon). In order to strengthen protection activities, establishing effective communication network is important here. Since many areas under the PA is not connected by mobile network, ensuring communication through VHF network is important.
	Maintenance of earthen ponds	16.2.16						16.2.16/ STR-47.6.1	4nos	Maintenance of earther ponds(water body) 4 nos	73000	2.92	21.71 83.75 21.52 83.76 21.61 83.65 21.64 83.66	Maintenance of earther ponds(water body) 4 nos (Jarnuhan, Bhaklaper, Shilpakha & Bhanganpula)
	Construction of (staff quarters, family hostels, office improvement, house keeping buildings, museum)	16.2.13						16.2.13/ STR-11.6	1no	Renovation of DFO office Pimth Area - 2500Sq Ft	LS	3.00	21.47 83.99	Renovation of DFO office located at Sambalpur is controlling all the activities of the sanctuary, and hence updation of office facility is important. Pimth Area - 2500Sq Ft
									1no	Renovation of ACF Residence Pimth Area - 1500Sq Ft	LS	2.00	21.47 83.99	Renovation of ACF Residence. Presently the residence of ACF located at Sambalpur is not in habitable condition. Major repair of this residential building is urgent Pimth Area - 1500Sq Ft
									7nos	Renovation of Staff Quarter	50000	3.50	21.50 83.77	Renovation of residential

S. N.	Item	Para No. of CSS-PT /Para of TCP	Previous Year (2018-19)				Current Year Proposal (2019-20)				Justification/Remarks		
			Location/GPS Coordinates	Physical Target	Financial (Rs. in Lakh)	Achievement	Para No. TCP	No of Items (Physical target)	Specification/Description	Unit Price (in Rs.)		Total Financial Target	GPS (Degree decimal)
	Meadow development works in crop fields of relocated villages	16.3.4					16.3.4/ STR-5.6.5	20na	Meadow development works in crop fields of relocated villages - Ploughing, broadcasting of seeds, weed removal etc.	35000	7.00	21.57 83.66 21.57 83.66 21.57 83.65 21.55 83.59	Meadow development works in crop fields of relocated villages - Ploughing, broadcasting of seeds, weed removal etc. Two villages, Jagadabehra and Debnigam have already relocated from the PA area. Crops fields of these villages are excellent sites to be upgraded as meadows for wildlife.
	Water retention structures	16.3					16.3/ STR-11.5	20nos	Providing concrete rings (water storage structures) to supply water to wildlife during summer in various locations of the PA, where water availability is less during summer.	25000	5.00	21.48 83.55 21.44 83.63 21.50 83.66 21.52 83.61 21.64 83.65 21.50 83.61 21.55 83.58 21.57 83.52 21.52 83.53	Providing concrete rings (water storage structures) to supply water to wildlife during summer in various locations of the PA, where water availability is less during summer. Major areas under the PA faces scarcity of water during summer. In order to ensure water supply during summer, establishing water storage structures is important.
	TOTAL										42.92		
	TOTAL CSS (Non-Recurring + Recurring)										108.03		

(Rs. In Lakhs)

S. No.	Items	Sanction	Central Assistance
1	Non-Recurring (60%)	569.17	341.50
2	Recurring (50%)	993.81	496.90
	Total	1562.98	838.40

(Rs. In lakhs)

Cost of APO including State's share	A	1562.98
Center's share in APO	B	838.40
1 st release @ 80% of Center's share	$C=0.8*B$	670.72
Less: Unspent balance FY 2018-19	D	10.19
Adjusted 1 st release	$E=C-D$	660.53
2 nd release @20% of Center's share	$F=0.2*B$	167.68

* 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.

