

F. No. 4-1(18)/2021-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

B-1 Wing, 7th Floor,
Pt. Deendayal Antyodaya Bhawan,
CGO Complex, Lodhi Road,
New Delhi – 110003

Dated the 02nd July, 2021

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 2021-22 –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. 1418.41 Lakhs (Rupees One thousand Four hundred Eighteen lakhs Forty One thousand Only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 421.18 Lakhs (Rupees Four Hundred Twenty One lakhs Eighteen 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. 190.95 lakhs (Rupees One hundred Ninety lakhs Ninety Five thousand Only)** as the 1st installment of Central Share towards the Grants-in-aid to Government of Odisha during the current financial year 2021-22. 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 31.3.2022.
- (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 2021-22 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 for POL / maintenance of vehicles would be admissible only for the vehicles purchased from CSS funds.
- (xxiv) **Funds will not be diverted for any item other than specified herein.**
- (xxv) **Funds to be spent only on items approved in Tiger Conservation Plqan (TCP).**



- (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 Direct Benefit Transfer (DBT).
- (xli) **All guidelines of Project Tiger Schemes are followed by concerned tiger reserve and Expenditure Evaluation Report on the expenditure incurred viz. proposed activities and result achieved may be furnished before release of 2nd installment.**
- (xlii) **The gate -money collected is made fully available to Tiger Foundation of the Tiger Reserve/ Protected Area/ National Park/Sanctuary by State Government as per rule and past years dues are paid by 30th September.**

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 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 2021-22 :

Scheme	Budget Head	Amount (Rs. in lakhs)
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	76.35
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	57.30
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	57.30
Total		190.95

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 159454/SS&FA (PG) dated 24.06.2021.

Yours faithfully,



(Rajendra G. Garawad)
Deputy Inspector General of Forests (PT)

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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 2021-22 may kindly be furnished at the earliest.
2. The Secretary (Finance), Govt. of Odisha.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Odisha.
4. The AIGF, NTCA RO, Nagpur.
5. The Field Director, Similipal Tiger Reserve, Odisha.
6. The Accountant General, Odisha.
7. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.



**SIMILIPAL TIGER RESERVE
ANNUAL PLAN OF OPERATION 2021 -22
FOR SEEKING CENTRAL ASSISTANCE UNDER CENTRALLY SPONSORED SCHEME- PROJECT TIGER**

(Rs in lakhs)

Sl. No.	Item	Para No.		Location/ GPS Coordinates	Previous Year (2020-21)				Current Year Proposal 2021-22				Justification/ Remarks
		of CSS-PT Guidelines/	Para of TCP		Physical		Financial (Rs. In Lakh)		Location/ GPS Coordinates	Physical target	Unit Price (in Rs lakhs.)	Amount	
					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
COMMITTED LIABILITIES OF 2020-21 APO (AMOUNT SANCTIONED DURING THE YEAR 2020-21 BUT NOT RELEASED)													
NON-RECURRING													
CORE													
	Procurement of Field Gear, Night Vision, Devices etc.	16.1.15/	STR-12.4.2		0	0	15.00	0.00		500	0.03	15.00	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, lathis for effective foot patrolling, protection, monitoring in the tiger Reserve. 500nos shoes @Rs.1500/- 500nos Leech guard @Rs.100/- 500nos Rain coat @Rs.900/- 500nos Uniform @ Rs.1500/- (No fund under Procurement of Field Gear, Night Vision, Devices etc. has been received during 2020-21)
	Providing to support to tiger reserves for raising, arming and deploying Special Tiger Protection Force (STPF)	16.1.1/	STR-10.3	Bhanjabasa 21.6028, 86.3752 Jenabil 21.7350, 86.3606 Gurguria 21.8561, 86.2473	1	1	204.77	168.19	Bhanjabasa 21.6028, 86.3752 Jenabil 21.7350, 86.3606 Gurguria 21.8561, 86.2473	1	34.77	34.77	Similipal TR has raised 1 unit of STPF as a striking force for protection of the landscape. 57 STPF FGs and 2 Range officers. Proposal is made to meet the expenses of Salary, Allowances, reimbursement of RCM, Raising infrastructure and maintenance of STPF camps including wages of 27nos Forest Watcher. Salary, Allowance , Raising Infrastructure and maintenance of STPF for the year 2020-21 as detailed below:- Pay - Rs. 17030000.00 D.A. - Rs. 4827832.00 O.A. - Rs. 500000.00 RCM - Rs. 100000.00 TOTAL Rs. 22457832.00 (Out of sanctioned amount of Rs.204.77lakh only Rs.170.00lakh releaseed during 2020-21)
	Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring.	16.2.14/	STR-7.2.5.4		1	1	7.60	1.80		1	5.80	5.80	Proposal has been made to upgrade and strengthen the MSTRIPES monitoring system in offline mode. Similipal TR has successfully implemented MSTRIPES in offline mode during FY2021-22. 25 nos Android mobile x 14000/-=350000/- 01no Laptop x 60000/-=60000 01no Desktop x 55000/-=55000 195 M-STRIPES Mobile Repairing, Hardware Repairing(14nos laptop & 10nos Desktop) and Maintenance of printer, scammer etc. (Out of sanctioned amount of Rs.7.60lakh only Rs.1.80lakh releaseed during 2020-21)
	Procurement of Hardware	16.2.10/	STR-9.5 & 9.6		1	1	5.00	2.00		1	3.00	3.00	Proposal has been made for upgradation of hardware like Projection system and AV system for FD STR office and Similipal WL Divisions and Ranges. The AV system shall be used for imparting training in field and for workshop and meeting. (No fund under Procurement of Hardware has been received during 2020-21)
	Procurement of Software	16.2.10/	STR-9.5 & 9.6		1	1	16.40	6.71		1	9.69	9.69	Proposal has been made for upgradation of OS, Anti virus installation, upgradation of GIS software and payment of Salary for 9nos Data Entry Operators @ Rs.18,000/- per month for 12month engaged in Similipal South WL Division office as per PCCF Odisha guidelines. (Out of sanctioned amount of Rs.16.40lakh only Rs.6.71lakh releaseed during 2020-21)

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Day to day Monitoring of Wild Animals	16.7/	STR-7.1		0	0	4.00	0.00		1	4.00	4.00	Proposal has been made to procure consumables to be used for daily monitoring of wildlife patrolling inside Similipal 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 203 Beats and in HQ office of Similipal. (No fund under Day to day Monitoring of Wild Animals has been received during 2020-21)
	Capturing Problematic and Aberrant Wild Animals	16.10.1.2/	STR-11.2		0	0	5.00	0.00		1	5.00	5.00	Capturing problematic and aberrant wild animals and purchase of equipments like cage, consumable items. (No fund under Capturing Problematic and Aberrant Wild Animals has been received during 2020-21)
	Provision for ration allowance to field staff (Core)	16.16.4/	STR-12.4		0	0	14.14	0.00		1	14.14	14.14	Proposal has been made as per NTCA guidelines on payment of ration allowance to the eligible staff of Similipal South Division for the year 2019-20 The requirement for the year 2020-21 Rs. 14,70,000.00 (Ration allowance has not been disbursed to the staff due to non release of fund during 2020-21)
	Provision of Project Allowance to staff of Project Tiger (providing project allowance to Ministerial staff is a new component) (non recurring). Separate for all categories. See from	16.15/	STR-12.4		0	0	37.00	0.00		1	37.00	37.00	Proposal is made in accordance with NTCA guidelines for payment of Project Allowance to all the eligible staff of FD STR, Similipal South & Similipal North Division, Baripada Division, Karanjia Division, Rairangpur Division. The requirement for the year - 2020-21 Rs. 37,00,000.00 (Project allowance has not been disbursed to the staff due to non release of fund during 2020-21)
TOTAL (NON-RECURRING) CORE							308.91	178.70				128.40	
BUFFER (NON-RECURRING)													
	Provision for Ration Allowance to Field Staff (Buffer)	16.16/	STR-8.4		1	1	10.84	0.00		1	10.84	10.84	The proposal has been made in accordance with the GOI guidelines for providing ration allowance to the field staff according to NTCA letter no. F. No.12-7/ 2010-NTCA, Gazette Notification No. 199 dated 06-06-2014. The fund requirement for 2019-20 is Baripada - Rs. 4,84,000/- Karanjia - Rs. 3,00,000/- Rairangpur - Rs. 3,00,000/- TOTAL - Rs. 10,84,000/- (No funds under Ration allowance has been paid to the staff due to non-release of fund during 2020-21)
	Procurement of Hardware, Software, Manpower, training, GPS	16.2.11/	STR-9.1		1	0	9.11	0.00		1	9.11	9.11	Engagement of five DEO in Similipal North WL Division for twelve months. Rs.15,187/-X5X12month=Rs.911220/- Procurement of ten nos of GPS - Rs.13000x10nos=Rs.1,30,000/- Computer Table with Chair -07nos @ Rs.30000/-= Rs.2,10,000/- Training of Field staff 10nos x Rs.20,000/= Rs.2,00,000/- Document preparation and etc. (No fund under Procurement of Hard ware, Software, Manpower, Training, GPS has been received for which the same article not purchase during 2020-21)

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					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Supply of Mosquito net and filed Kit	16.16/	STR-8.4		0	0	4.00	0.00		200	0.02	4.00	Proposal has been made for distribution of 200nos LLIN mosquito nets. (200nos @ Rs. 1000/-) Similipal is endemic to severe form of malaria (P.falciparum protozoan infection) and other vector-borne diseases, which requires supply of high quality LLIN mosquito nets for all the camps, rest sheds. Distribution of field gears for all protection assistants. 200nos Lathi @ Rs.250/- Uniform -200pairs @ Rs.1500/- Water bottle -200nos @250/- (No fund under Supply of Mosquito net and field Kit has been received for which the same article not purchase during 2020-21) (No fund under Supply of Mosquito net and filed Kit has been received during 2020-21)
	Basic Health Care/ Health camp for staffs	16.16/	STR-6.3		0	0	1.00	0.00		5	0.20	1.00	Proposal has been made to conduct 4nos of 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. (No fund under Basic Health Care / Health camp for staff has been received during 2020-21)
	To carry out prophylactic immunisation of cattle in and around Tiger Reserve	16.10/	STR-6.3		0	0	1.00	0.00		10	0.10	1.00	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. (No fund under To carry out prophylactic immunisation of cattle in and around Tiger Reserve has been received during 2020-21)
TOTAL BUFFER							25.95	0.00				25.95	
TOTAL (NON-RECURRING) CORE+ BUFFER							334.86	178.70				154.35	
RECURRING													
CORE													
	Legal support for defending court cases	16.1.13			0	0	1.00	0.00		1	1.00	1.00	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. (No fund under Legal support for defending court cases) has been received during 2020-21)
	Maintenance of existing patrolling camps/chowkis and deployment of camp labourers for patrolling.	16.1.4/	STR-7.2.5.1		170	170	30.60	19.10		1	11.50	11.50	Proposal is made for funds to meet annual maintenance of selected 170 existing camps, maintenance of kitchen, toilets, addressing of water problem, maintenance of solar powered home light system of 170 APCs. (120 under Similipal South WL Division & 50 under Similipal North WL Division) (Out of sanctioned amount of Rs.30.60lakh only Rs.19.10lakh released during 2020-21)
	Maintenance of wireless tower	16.2.8/	STR-4.7.6.3		1	0	10.00	2.00		1	8.00	8.00	Similipal TR is devoid of any mobile network, so VHF is the only communication lifeline for management. For protection, monitoring, day to day communication, an active & effective VHF network is required. STR has more than 120 VHF base stations and 200 PP sets. Proposal is made for funds required for procurement of 30nos of VHF PP sets @ Rs.12,000/- and 20nos VHF Base Station @ Rs.18,000/- and maintenance of VHF Base Station , solar system, pp sets, installation of towers for strengthening communication and erection of 120ft. VHF tower at Dangadiha. (Out of sanctioned amount of Rs.10.00lakh only Rs.2.00lakh released during 2020-21)

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					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Rewards to informers.	16.1.12/	STR-4.7.6.2		20	0	2.00	0.00		20	0.10	2.00	Number of informers have been engaged in and around Similipal for collection of local intelligence on poaching, illicit felling 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. (No fund under Rewards to informers) has been received during 2020-21)
	Maintenance of (patrolling camp, culverts).	16.2.1.2/	STR-7.2.5.1		10	2	4.00	1.00		6	0.50	3.00	Similipal Tr has many perennial nalas, 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. (Out of sanctioned amount of Rs.4.00lakh only Rs.1.00lakh released during 2020-21)
	Maintenance of Beat Office	16.2.1.3/	STR-7.2.5.1		10	2	4.00	2.00		5	0.40	2.00	Similipal South Division has 103 beats. Proposals have been made for maintenance of 10 beat guards residence cum office under annual maintenance work like provision of kitchen, change of roof GI sheets, maintenance of staff toilets, colouring work. (Out of sanctioned amount of Rs.4.00lakh only Rs.2.00lakh released during 2020-21)
	Maintenance of bridges.	16.2.5/	STR-4.7.6.1		15	15	7.50	3.00		9	0.50	4.50	Similipal TR has many perennial nals and stream cut through the road network. To maintain round the year movement, wooden bridges have been put in places. Proposal is made for maintenance and upgradation of wooden bridge for ensuring connectivity after monsoon. It will ensure protection, patrolling and wildlife monitoring in Similipal. (Out of sanctioned amount of Rs.7.50lakh only Rs.3.00lakh released during 2020-21)
	Maintenance of dams	16.2.5/	STR-4.7.6.1		0	0	1.00	0.00		1	1.00	1.00	To ensure the spatio-temporal availability of water inside STR a 2no. of ponds, waterbodies and WHS have been created. Proposal is made for maintenance of two existing water bodies and Water harvesting Structures inside Similipal Tiger Reserve. (No fund under Maintenance of dams has been received during 2020-21)
	Maintenance of Foresters Quarters	16.2.1/	STR-7.2.5.1		6	2	2.40	1.00		1	1.40	1.40	Similipal South WL division has 41 and Similipal North WL Division has 31sections. Proposals has been made for maintenance of 8 nos foresters residence cum office under annual maintenance work. (Out of sanctioned amount of Rs.2.40lakh only Rs.1.00lakh released during 2020-21)
	Maintenance of Forest Guard Quarters.	16.2.1/	STR-7.2.5.1		4	2	1.20	1.00		1	0.20	0.20	Similipal South division has 103 beats. and Similipal North WL Division has 70 beats. Proposals have been made for maintenance of 6nos forest guards residence under annual maintenance work like provision of kitchen, change of roof GI sheets, maintenance of staff toilets, colouring work (Out of sanctioned amount of Rs.1.20lakh only Rs.1.00lakh released during 2020-21)
	Maintenance of Staff Quarters	16.2.1/	STR-7.2.5.1		8	8	3.20	1.00		1	2.20	2.20	Proposals has been made for maintenance of 8 nos staff quarter at Baripada. (Out of sanctioned amount of Rs.3.20lakh only Rs.1.00lakh released during 2020-21)

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					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Maintenance of Hardware.	16.2.10/	STR-9.5 & 9.6		0	0	0.00	0.00		1	1.00	1.00	Proposal is made to upgrade and maintain the existing hardware like work stations, desktops, laptops, printers, photocopiers, scanners etc for smooth monitoring, reporting and analysis of patrolling data, protection activity and wildlife activities inside Similipal Tiger Reserve. (No fund under Rewards to informers) has been received during 2020-21)
	Maintenance of road network.	16.2.2/	STR-4.7.6.1		1	1	70.25	11.42		1	58.83	58.83	STR is one of the largest tiger reserve of the country having more than 1000KM of morum road network. Out of which 100KM length of important road to be taken up for annual maintenance in this year which includes bush cutting, side drain cutting stone-pitching with morum 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. (Out of sanctioned amount of Rs.70.25lakh only Rs.11.42lakh released during 2020-21)
	Maintenance of Software.	16.2.10/	STR-9.5 & 9.6		1	1	1.50	0.75		1	0.75	0.75	Proposal is made for regular maintenance of Operating System, Anti virus, other GIS software of the STR office and range offices. (Out of sanctioned amount of Rs.1.50lakh only Rs.0.75lakh released during 2020-21)
	Creation of fire lines and fire breaks	16.2.6/	STR-7.2.5.2		800	400	16.00	10.00	Separate KMZ/ KML file attached	1	6.00	6.00	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 fire 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. (Out of sanctioned amount of Rs.16.00lakh only Rs.10.00lakh released during 2020-21)
	Capacity building and training.	16.8.1/	STR-8.4		5	3	2.00	1.00		5	0.20	1.00	Proposal is made for Capacity building of staff in census technique, habitat and grassland improvement, law enforcement, rescue and rehabilitation technique, eco-tourism management (Out of sanctioned amount of Rs.2.00lakh only Rs.1.00lakh released during 2020-21)
	Maintenance of Torch/ Batteries	16.16/	STR-8.4		100	100	1.50	0.50		100	0.01	1.00	For procurement of heavy duty solar powered torch for night patrolling and surveillance. (Out of sanctioned amount of Rs.1.50lakh only Rs.0.50lakh released during 2020-21)

Sl. No.	Item	Para No.		Location/ GPS Coordinates	Previous Year (2020-21)				Current Year Proposal 2021-22				Justification/ Remarks
		of CSS-PT Guidelines/	Para of TCP		Physical		Financial (Rs. In Lakh)		Location/ GPS Coordinates	Physical target	Unit Price (in Rs lakhs.)	Amount	
					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Grass land improvement, wetland improvement	16.3/	STR-5.6.5		140	70	28.00	15.00	Separate KMZ/ KML file attached	1	13.00	13.00	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. (Out of sanctioned amount of Rs.28.00lakh only Rs.15.00lakh released during 2020-21)
	Removal of gregarious plant growth from grasslands	16.3/	STR-5.6.5		0	0	12.50	0.00	Separate KMZ/ KML file attached	50	0.25	12.50	To retain the original area and composition of existing meadows by removal of Gregarious plant growth to avoid further squeezing of meadows by removing the frost-affected Sal sapling and Syzigium nervosuses, Caseria graveolens in Post Monsoon. Proposal is made for removal of sale and other gregarious plant growths from inside existing grassland to retain the quantity and quality of meadows for prey augmentation. (No fund under Removal of gregarious plant growth from grasslands has been received during 2020-21)
	Water retention structures	16.3/	STR-11.5		0	0	1.00	0.00		1	1.00	1.00	Proposal is made for construction of sub-surface Water Harvesting Structures. These are helpful in ensuring Spatio-temporal availability of moisture in the nalas by ensuring the checking of sub-surface flow of water in the pinch period, which is very much essential for the habitat. (No fund under Water retention structures has been received during 2020-21)
TOTAL COMMITTED LIABILITIES CORE (RECURRING)							199.65	68.77				131.88	
BUFFER RECURRING													
	Maintenance of Field Gear, Night Vision Device	16.1.15/	STR-10.2		0	0	10.70	0.00		1	10.70	10.70	Proposal has been made to upgrade the camp facilities inside STR Buffer by providing leech guards, rain coats, winter jackets, footwears, camp utensils, binoculars, relevant forms & registers, lathis for effective foot patrolling, protection, monitoring in the tiger Reserve. 200nos shoes @Rs.1500/- 200nos Leech guard @Rs.100/- 200nos Rain coat @Rs.900/- 200nos Solar torch @ Rs.1500/- 09nos cameras @ Rs.30,000/- (No fund under Maintenance of Field Gear, Night Vision Device has been received during 2020-21)
	Maintenance of (staff quarters, family hostels, office improvement, house keeping buildings, museum).	16.2.1/	STR-11.6		0	0	6.60	0.00		1	6.60	6.60	Maintenance of 07nos FG quarter @ Rs.50,000/- (Jamuani, Mohanpur, Sarat, Sandei, Nattoo, Khesadiha, Haladibani) one Forester Quarter @Rs.70,000/- (Jamuani) 08nos Range office @ Rs.80,000/- (Talabandha, Chahala, Gurguria, Nawana, Barehipani, Kendumundi, Thakurmunda, Jashipur) and one Division office @ Rs.1,40,000/- at Jashipur (No fund under Maintenance of (staff quarters, family hostels, office improvement, house keeping buildings, museum) has been received during 2020-21)
	Maintenance of road network	16.2.2/	STR-10.1		0	0	8.00	0.00		40	0.20	8.00	Repairing and Maintenance of Forest road of Talabandha, Kendumundi, Thakurmunda WL Range under Similipal North WL Division (No fund under Maintenance of road network) has been received during 2020-21)

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Maintenance of vehicles (Gypsy, Jeep, Truck, Tractor, staff car etc.).	16.2.8/	STR-10.2		1	1	7.50	4.00		1	3.50	3.50	Proposal has been made for Govt vehicle maintenance for the buffer area. Because of the morum roads, kuccha Ghats and hilly terrains, patrolling vehicles require regular maintenance. Similpal North WL Division Rs.3,00,000/- Karanjia Division - Rs.2,00,000/- Rairangpour Division -Rs.1,00,000/- Baripada Division Rs. 5,00,000/- (Out of sanctioned amount of Rs.7.50lakh only Rs.4.00lakh released during 2020-21)
TOTAL Committed Liabilities							32.80	4.00				28.80	
TOTAL CORE+BUFFER (RECURRING)							232.45	72.77				160.68	
TOTAL COMMITTED LIABILITIES NON-RECURRING + RECURRING							567.31	251.47				315.03	
NEW PROPOSAL APO 2021-22													
NON-RECURRING													
CORE													
	Anti-poaching												
	Procurement of Field Gear, Night Vision, Devices etc.	16.1.15/	STR-12.4.2		500	400	15.00	0.00		200	0.04	8.00	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, lathis for effective foot patrolling, protection, monitoring in the tiger Reserve. 200nos shoes @Rs.1500/- 200nos Leech guard @Rs.100/- 200nos Rain coat @Rs.900/- 200nos Uniform @ Rs.1500/-
	Establishing of patrolling camp chowkis	16.1.3/	STR-72.5.1		0	0	0.00	0.00	Mathasila 21.61, 86.346	0	7.00	0.00	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 inter ranges joint patrolling activities. 1) Mathasila
	Research project for Wild Tiger of Similpal: A study on spatial distribution, abundance & population genetics"	16.1.3/	STR-72.5.1		0	0	0.00	0.00		1	47.48	47.48	Release of final installment of fund of Rs.47,47,900/- to continue to the research Project and achieve the project objectives by Wildlife Institute of India. First installment amount released on 2017-18. Interim report submitted.
	Purchase of Vehicle	16.8.6/ STR-8.4	STR-8.4		0	0	0.00	0.00		1	8.00	8.00	To monitor and 2750sq km. of Hilly terrian of Similpal land scape. 3 nos 4WD vehicles are necessary to be purchase by STR against three no. condemn vehicle. Preveling road condition and non availability of 4WD vehicle on hired basis is hampering vehicle movement inaccessibility area during non-monsoon.
	Providing to support to tiger reserves for raising, arming and deploying Special Tiger Protection Force (STPF)	16.1.1/	STR-10.3		1	1	204.77	182.00		1	224.58	224.58	Similpal TR has raised 1 unit of STPF as a striking force for protection of the landscape. 57 STPF FGs and 2 Range officers. Proposal is made to meet the expenses of Salary, Allowances, reimbursement of RCM, Raising infrastructure and maintenance of STPF camps including wages of 27nos Forest Watcher. Salary, Allowance, Raising Infrastructure and maintenance of STPF for the year 2020-21 as detailed below:- Pay - Rs. 17030000.00 D.A. - Rs. 4827832.00 O.A. - Rs. 5000000.00 RCM - Rs. 1000000.00 TOTAL Rs. 22457832.00

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					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Strengthening												
	Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring.	16.2.14/	STR-7.2.5.4		1	1	7.60	0.00		1	5.00	5.00	Proposal has been made to upgrade and strengthen the MSTRIPES monitoring system in offline mode. Similipal TR has successfully implemented MSTRIPES in offline mode during FY2021-22. 40 nos Android mobile x 8750/- =350000/- 01no Laptop x 60000/-=60000 01no Desktop x 55000/-=55000 195 M-STRIPES Mobile Repairing, Hardware Repairing(14nos laptop & 10nos Desktop) and Maintenance of printer, scanner etc.
	Procurement of Geographical Information System (GIS).	16.2.10/	STR-9.5 & 9.6		1	1	3.00	3.00		1	4.20	4.20	Similipal TR has a GIS cell with advance software and hardware which deals with MSTRIPES implementation, Fire Monitoring Cell, Protection Data analysis, APO preparation. Proposal has been made for Engagement of 2nos GIS Analyst@ Rs.35000/- per month for 12months in Similipal TR. (Similipal South - 01no, Similipal North -1no)
	Procurement of Hardware	16.2.10/	STR-9.5 & 9.6		1	1	5.00	0.00		1	2.00	2.00	Proposal has been made for upgradation of hardware like Projection system and AV system for FD STR office and Similipal WL Divisions and Ranges. The AV system shall be used for imparting training in field and for workshop and meeting.
	Procurement of Software	16.2.10/	STR-9.5 & 9.6		1	1	16.40	3.71		1	20.00	20.00	Proposal has been made for upgradation of OS, Anti virus installation, upgradation of GIS software and payment of Salary for 9nos Data Entry Operators @ Rs.18,000/- per month for 12month engaged in Similipal South WL Division office as per PCCF Odisha guidelines.
	Research and Field Equipment												
	Day to day Monitoring of Wild Animals	16.7/	STR-7.1		1	1	4.00	0.00		1	4.00	4.00	Proposal has been made to procure consumables to be used for daily monitoring of wildlife patrolling inside Similipal 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 203 Beats and in HQ office of Similipal.
	Mainstreaming Wildlife Concerns												
	Capturing Problematic and Aberrant Wild Animals	16.10.1.2/	STR-11.2		1	1	5.00	0.00		1	1.50	1.50	Capturing problematic and aberrant wild animals and purchase of equipments like cage, consumable items.
	Staff Development												
	Study tours for Appraisal of Good Practices in Other Tiger Reserves	16.8.5/	STR-8.4		30	30	0.00	0.00		10	0.10	1.00	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, MSTRIPES implementation. In last 2 years, STR staff visited Kanha NP and Kaziranga TR.
	Project Allowance												
	Provision of Project Allowance to staff of Project Tiger (providing project allowance to Ministerial staff is a new component) (non recurring). Separate for all categories. See from Staff Welfare	16.15/	STR-12.4		1	0	37.00	0.00		1	37.00	37.00	Proposal is made in accordance with NTCA guidelines for payment of Project Allowance to all the eligible staff of FD STR, Similipal South & Similipal North Division, Baripada Division, Karanjia Division, Rairangpur Division. The requirement for the year - 2021-22 Rs. 37,00,000.00 Division-wise staff details enclosed as Annexure-I

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					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Provision for ration allowance to field staff	16.16.4/	STR-12.4		1	0	14.14	0.00		1	14.14	14.14	Proposal has been made as per NTCA guidelines on payment of ration allowance to the eligible staff of Similipal South Division for the year 2021-22 - The requirement for the year - 2021-22 Rs. 14,14,000.00 Staff details enclosed as Annexure-II
	Supply of Field Kit	16.16.4/	STR-7.2.5.1		80	80	10.00	8.00		80	0.08	6.40	Proposal has been made to upgrade the camp facility by providing required field kits for protection, monitoring and housing. Similipal has more than 200 APC having 900 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, Tarpaulin, Tent equipment, utensil, personal gears etc. Double Tier bed 20nos @Rs.12,600/- Water filter 30nos @ Rs.3,000/- Camp utensil -110nos @ Rs.3000/- Camp table 40nos @ Rs.2,500/- Camp Chair 80nos @ Rs.700/- Stainless steel cloth Rail 110nos @ Rs.2000/-
	Supply of Medicine	16.16.3/	STR-8.4		40	0	3.20	0.00		400	0.01	4.00	Similipal 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 203 camps and machans.
TOTAL NON RECURRING CORE							325.11	196.71				387.297	
BUFFER													
1	Strengthening												
	Procurement of Hardware, Software, Manpower, training, GPS	16.2.11/	STR-9.1		1	0	9.11	0.00		7	2.16	15.12	Engagement of Seven nos DEO in Similipal North WL Division & O/o the Field Director, Similipal Tiger Reserve for twelve months. Rs.18000/-X7X12month=Rs.1512000
	Anti-poaching												
	Establishing of patrolling camp chowkis	16.1.3/	STR-72.5.1		14	0	0.00	0.00	21.80575 86.309722		7.00	0.00	Proposal has been made for construction of Permanent Anti Poaching Camps to be established in the buffer area to strengthen the patrolling activities. This APC will also be used for Core-buffer joint patrolling activities. Proposed sites:- Khejuri

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					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Staff Development												
	Specialized training in Park Interpretation	16.8.7/	STR-5.4		6	0	0.00	0.00		3	0.30	0.90	Proposal has been made for conduction of capacity building training of ETG members, Eco-tourism Guides and EDC members of STR Tourism Zone. These training shall be conducted in the month of October, before the commencement of the tourism season in eco-tourism complexes and Tourist Entry Gates.
	Provision for Ration Allowance to Field Staff (Buffer)	16.16/	STR-8.4		0	0	10.84	0.00		1	10.64	10.64	The proposal has been made in accordance with the GOI guidelines for providing ration allowance to the field staff according to NTCA letter no. F. No.12-7/ 2010-NTCA, Gazette Notification No. 199 dated 06-06-2014. The fund requirement for 2019-20 is Similipal (N) Rs. 41,280/- Baripada - Rs. 5,16,000/- Karanja- Rs. 3,00,000/- Rairangpur- Rs. 2,06,400/- TOTAL Rs. 10,63,680/-
	Staff Welfare												
	Supply of Mosquito net and filed Kit	16.16/	STR-8.4		200	0	4.00	0.00		200	0.006	1.20	Proposal has been made for distribution of 200nos LLIN mosquito nets. (200nox @ Rs. 600/-) Similipal is endemic to severe form of malaria (P.falciparum protozoan infection) and other vector-borne diseases, which requires supply of high quality LLIN mosquito nets for all the camps, rest sheds.
	Eco-Development												
	Basic Health Care/ Health camp for staffs	16.16/	STR-6.3		5	0	1.00	0.00		5	0.40	2.00	Proposal has been made to conduct 20nos of 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. There health camps will be conducted in all 05 division.
	To carry out prophylactic immunisation of cattle in and around Tiger Reserve	16.10/	STR-6.3		10	0	1.00	0.00		5	0.20	1.00	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. All these vaccination camps will be conducted in 5 STR division.
TOTAL NON RECURRING BUFFER							389.45	204.71				30.86	
TIGER BEARING ADJOINING TIGER RESERVE (HIRAKUD WILDLIFE DIVISION)													
NON-RECURRING													
	Anti poaching												
	Deployment of camp labourers for patrolling.	16.1.5			4	4	14.520	10.300	21.71 83.60 21.68 83.67 21.62 83.71 21.44 83.63	1	1.13	1.13	Deployment of camp labourers for patrolling @ 5 person each squad . In order to ensure the quality of patrolling sufficient number of patrolling team is required. Hence it is proposed in strategic locations.
	Research and Field Equipment												
	Day to day monitoring of wild animals	16.7.1			1	1	2.400	2.400	21.64 83.61 21.50 83.77	1	2.40	2.40	Engaging Research Scholar to guide the staffs is important in assisting the wildlife monitoring activities and compiling the data on wildlife monitoring.
					16	0	2.500	0.000	21.64 83.61 21.50 83.77		0.30	0.00	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.31,250/- with all accessories.

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					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
TOTAL NON-RECURRING (TBA)							19.42	12.70				3.53	
TOTAL NON RECURING CORE + BUFFER = TBA							733.98	414.12				421.69	
RECURRING													
CORE													
	Anti-Poaching												
	Deployment of camp labourers for patrolling	16.1.2/	STR-7.2.5.1		650	400	487.54	487.54		380	1.288	489.56	<p>Similipal 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 1100 villages inside the transition zone of 10 km. around the TR. To mitigate heavy pressure on the STR from graziers, NTFP collectors, poachers,180 APC and 25 Manchan in STR protects Similipal 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.</p> <p>Karanjia : 07 nos Rairangpur : 13 nos Similipal North : 115 nos Similipal South : 285 nos TOTAL : 420 nos</p> <p>[(Rs. 315/-x26day= Rs.8190/- + EPF Rs.1065/-+ S. Tax Rs.1474/-+ Service Provider Rs.7/-) x12]x 420nos = Rs. 54109440/- for the year 2021-22</p>
	Legal support for defending court cases	16.1.13			1	0	1.00	0.00		1	1.00	1.00	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	20.00	20.00		1	20.00	20.00	Similipal 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/chowkis and deployment of camp labourers for patrolling.	16.1.4/	STR-7.2.5.1		170	170	30.60	19.10	21.53, 86.40 21.75, 86.48 21.68, 86.39 21.74, 86.44 21.72, 86.43 21.71, 86.30 21.74, 86.29 21.91, 86.52 21.96, 86.54 21.89, 86.60 21.55, 86.35 21.65, 86.38 21.80, 86.37 21.77, 86.21 21.67, 86.47	15	0.60	9.00	Proposal is made for funds to meet annual maintenance of selected 170 existing camps, maintenance of kitchen, toilets, addressing of water problem, maintenance of solar powered home light system of 170 APCs. (120 under Similipal South WL Division & 50 under Similipal North WL Division) Manabhanga, Baniabasa, Gourakantha, Chhanumber, Kulipal, Nuagaon, Ransa, Palasibeda, Champagarh, Digdiga, Ghagra-II, Tiktali, Chatadanda, Budhigaon (New), Taldiha

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Maintenance of wireless tower	16.2.8/	STR-4.7.6.3		1	0	10.00	2.00		1	5.00	5.00	Similipal TR is devoid of any mobile network, so VHF is the only communication lifeline for management. For protection, monitoring, day to day communication, an active & effective VHF network is required. STR has more than 120 VHF base stations and 200 PP sets. Proposal is made for funds required for procurement of 30nos of VHF PP sets @ Rs.12,000/- and 20nos VHF Base Station @ Rs.18,000/- and maintenance of VHF Base Station , solar system, pp sets, installation of towers for strengthening communication and erection of 120ft.
	Rewards to informers.	16.1.12/ STR-4.7.6.2			20	0	2.00	0.00		10	0.10	1.00	Number of informers have been engaged in and around Similipal for collection of local intelligence on poaching, illicit felling 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.
	Strengthening												
	Maintenance of (patrolling camp, culverts).	16.2.1.2/	STR-7.2.5.1		10	2	4.00	1.00	21.7115, 86.1742 21.6028, 86.3752 21.6442, 86.4102 21.7994, 86.4540 21.8285, 86.4374	5	0.40	2.00	Similipal Tr has many perennial nalas, 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		10	2	4.00	2.00	21.750682,86.206033 22.00123,86.507556 22.000155,86.54222	10	0.30	3.00	Similipal South Division has 103 beats. Proposals have been made for maintenance of 10 beat guards residence cum office under annual maintenance work like provision of kitchen, change of roof GI sheets, maintenance of staff toilets, colouring work.
	Maintenance of bridges.	16.2.5/	STR-4.7.6.1		15	15	7.50	3.00	21.4886, 86.2545 21.2850, 86.1172 21.3977, 86.2241 21.6863, 86.1379 21.8991, 86.1379 21.9403, 86.5779	7	0.50	3.50	Similipal TR has many perennial nalas and streams cut through the road network. To maintain round the year movement, wooden bridges have been put in places. Proposal is made for maintenance and upgradation of wooden bridge for ensuring connectivity after monsoon. It will ensure protection, patrolling and wildlife monitoring in Similipal.
	Maintenance of dams	16.2.5/	STR-4.7.6.1		1	0	1.00	0.00	21.9122, 86.4421 21.9812, 86.3580	1	0.20	0.20	To ensure the spatio-temporal availability of water inside STR. Proposal is made for maintenance of one existing water bodies inside Similipal Tiger Reserve.
	Maintenance of DD/ DFO Quarter	16.2.1/	STR-7.2.5.1		1	1	1.00	1.00	21.9350, 86.7285	1	1.00	1.00	Proposal is made for Maintenance of DD residence at Baripada
	Maintenance of FD Office	16.2.1/	STR-7.2.5.1		1	1	5.00	5.00	21.9501, 86.7340	1	1.00	1.00	Proposal is made for renovation of FD Office at Baripada with furniture
	Maintenance of DD, Similipal South & North WL Office	16.2.1/	STR-7.2.5.1		1	1	4.00	4.00	21.9501, 86.7340 21.9466, 86.0705	2	1.00	2.00	Proposal is made for renovation of Deputy Director, Similipal South WL Division Office at Baripada and Similipal North WL Division, Jashipur with furniture, electricity and internal furnishing.
	Maintenance of FD Quarters.	16.2.1/	STR-7.2.5.1		1	1	1.00	1.00	21.9561, 86.7450	1	1.00	1.00	Proposal is made for maintenance of FD quarters at Baripada.
	Maintenance of Forest Guard Quarters.	16.2.1/	STR-7.2.5.1		4	2	1.20	1.00	21.88906, 86.38494 21.91939, 86.29942 21.82858, 86.43742	6	0.50	3.00	Similipal South division has 103 beats. and Similipal North WL Division has 70 beats. Proposals have been made for maintenance of 6nos forest guards residence under annual maintenance work like provision of kitchen, change of roof GI sheets, maintenance of staff toilets, colouring work

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Maintenance of Foresters Quarters	16.2.1/	STR-7.2.5.1		6	2	2.40	1.00	21.56014, 86.43203 21.51606, 86.32800 21.60286, 86.37528 21.94300, 86.7605	6	0.50	3.00	Similipal South WL division has 41 and Similipal North WL Division has 31 sections. Proposals has been made for maintenance of 6 nos foresters residence cum office under annual maintenance work.
	Maintenance of Staff Quarters	16.2.1/	STR-7.2.5.1		8	8	3.20	1.00	21.94300, 86.7605	6	0.50	3.00	Proposals has been made for maintenance of 8 nos staff quarter at Bariipada.
	Maintenance of Hardware.	16.2.10/	STR-9.5 & 9.6		1	1	1.00	0.00		1	1.00	1.00	Proposal is made to upgrade and maintain the existing hardware like work stations, desktops, laptops, printers, photocopiers, scanners etc for smooth monitoring, reporting and analysis of patrolling data, protection activity and wildlife activities inside Similipal Tiger Reserve.
	Maintenance of Range Office	16.2.1/	STR-7.2.5.1		1	1	0.50	0.50	21.7329, 86.3490 21.6029, 86.3752	2	0.50	1.00	Similipal South WL division has 9 ranges. & North has 07 Ranges. Proposals have been made for maintenance of 2nos range office
	Maintenance of Rangers Quarters.	16.2.1/	STR-7.2.5.1		1	1	0.50	0.50	21.6513, 86.3000 21.8275, 86.4114 21.9402, 86.5778	4	0.50	2.00	Similipal South WL division has 9 ranges. & North has 07 Ranges. Proposals have been made for maintenance of 2nos range officer residence.
	Maintenance of road network.	16.2.2/	STR-4.7.6.1		1	1	70.25	11.42	Separate KML/KMZ attached.	35	0.69	24.15	STR is one of the largest tiger reserve of the country having more than 1000KM of morum road network. Out of which 70KM length of important road to be taken up for annual maintenance in this year which includes bush cutting, side drain cutting stone-pitching with morum 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		1	1	1.50	0.75		1	1.00	1.00	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-7.2.5.1		4	2	1.60	1.60	21.8274, 86.4116 21.8891, 86.3849 21.9403, 86.5779 21.9854, 86.2929	4	0.50	2.00	Proposal is made for regular maintenance of toilet and water facilities by proving new sanitary fittings, upgradation of water facility, floor tiles.
	Creation of fire lines and fire breaks	16.2.6/	STR-7.2.5.2		800	400	16.00	10.00	Separate KMZ/ KML file attached	400	0.06	24.00	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 fire 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.
	Staff Development												
	Capacity building and training.	16.8.1/	STR-8.4		5	3	2.00	1.00		10	0.20	2.00	Proposal is made for Capacity building of staff in census technique, habitat and grassland improvement, law enforcement, rescue and rehabilitation technique, eco-tourism management

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	Staff Welfare												
	Maintenance of Torch/Batteries	16.16/	STR-8.4		100	100	1.50	0.50		100	0.02	2.00	For procurement of heavy duty solar powered torch for night patrolling and surveillance.
	Habitat Improvement												
	Grass land improvement, wetland improvement	16.3/	STR-5.6.5		140	70	28.00	15.00	Separate KMZ/ KML file attached	70	0.315	22.05	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		50	50	12.50	0.00	Separate KMZ/ KML file attached	50	0.236	11.81	To retain the original area and composition of existing meadows by removal of Gregarious plant growth to avoid further squeezing of meadows by removing the frost-affected Sal sapling and Syzgium nervosuses, Caseria graveolens in Post Monsoon. Proposal is made for removal of sale and other gregarious plant growths from inside existing grassland to retain the quantity and quality of meadows for prey augmentation.
	Weed Eradication	16.3/	STR-5.6.5		120	30	10.73	10.73	Separate KMZ/ KML file attached	80	0.095	7.56	Proposal is made for deweeding activities inside Similipal 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. Chromolaena, Odorata, Ageratum, Conyzoides, Parthenium, Lantana, Stachytarpheta indica.
TOTAL RECURRING CORE							731.52	600.64				648.83	
BUFFER													
	Anti-Poaching												
	Maintenance of elephant squads.	16.1.11/	STR-11.1		1	1	10.00	10.00	21.7355, 86.3605 21.9403, 86.5779	1	10.00	10.00	Similipal TR has an elephant squad having 6 Kumki. Proposal is made to meet required fund for maintenance of 6 captive elephants feeding and medicine charges of captive elephants wages of elephant care taker etc..
	Maintenance of Field Gear, Night Vision Device	16.1.15/	STR-10.2		1	0	10.70	0.00		100	0.025	2.50	Proposal has been made to upgrade the camp facilities inside STR Buffer by providing leech guards, rain coats, winter jackets, footwears, camp utensils, binoculars, relevant forms & registers, lathis for effective foot patrolling, protection, monitoring in the tiger Reserve. 300nos shoes @Rs.1500/- 300nos Leech guard @Rs.100/- 300nos Rain coat @Rs.900/-
	Strengthening												
	Maintenance of (staff quarters, family hostels, office improvement, house keeping buildings, museum).	16.2.1/	STR-11.6		1	1	6.60	0.00	21.444.5 86.2749 21.4825, 86.4063 21.7533, 86.4855 21.6836, 86.2364 21.7685, 86.3460 21.7268, 86.2298	5	0.80	4.00	Maintenance & Repair of 10 Staff Quarter under Similipal South WL Division and 2 in Baripada Forest Division. 1) Notto 2) Sandei 3) Baniabasa 4) Patbil 5) Gurandia 6) Mahavirsal 7) Balidar 8) Namti 9) Dhundubasa 10) Podadiha
	Maintenance of road network	16.2.2/ STR-10.1			40	1	8.00	0.00	Separate KML/KMZ	15	0.69	10.35	Repairing and Maintenance of Forest road & Bridge of under Similipal Tiger Reserve Buffer area.
	Maintenance of vehicles (Gypsy, Jeep, Truck, Tractor, staff car etc.).	16.2.8/	STR-10.2		1	1	7.50	4.00		1	5.00	5.00	Proposal has been made for Govt vehicle maintenance for the buffer area. Because of the morum roads, kuccha Ghats and hilly terrains, patrolling vehicles require regular maintenance. Similipal North WL Division Rs.3,00,000/- Karanjia Division - Rs.2,00,000/-

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TOTAL RECURRING BUFFER							42.80	14.00				31.85	
	Anti poaching												
	Maintenance of vehicles	16.1.20			1	1	0.500	0.500	21.50 83.77 21.64 83.61 21.47 83.99	4	0.25	1.00	In order to improve the mobility of the staff, proper use of these vehicles is important. Hence the maintenance of the vehicles proposed
	RECURRING TOTAL (TBA)						0.50	0.50				1.00	
TOTAL RECURRING CORE + BUFFER + TBA							774.32	614.64				681.68	
TOTAL STR (CORE+BUFFER + TBA)							1508.30	1028.76				1103.38	

(Rs. In lakhs)

SI No	Items	Sanction	Central Assistance
1	Non Recurring (60%)	421.69	253.01
2	Recurring (50%)	681.68	340.84
3	Spill over works of 2020-21 to be paid during FY 2021-22 (Non Recurring 60%)	154.35	92.61
4	Spill over works of 2020-21 to be paid during FY 2021-22 (Recurring 50%)	160.68	80.34
	Total	1,418.41	766.81

(Rs. In lakhs)

Cost of APO including State's share	A	1,418.41
Center's share in APO	B	766.81
1st release @80% of Center share	C=0.25*B	191.70
Less: Unspent balance FY 2020-21	D	0.754
Adjusted first release	E=C-D	190.95
Balance of Central share to be released	F=0.75*B	575.11