

**No. 4-1(18)/2016-PT**  
Government of India  
Ministry of Environment, Forest and Climate Change  
Project Tiger Division

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Dated the 20<sup>th</sup> July, 2016

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

**Sub: Centrally Sponsored Plan Scheme 'Project Tiger' Administrative Approval for funds release to Similipal Tiger Reserve, Odisha during 2016-17.**

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Similipal Tiger Reserve, Odisha at the cost of **Rs. 1095.90 Lakhs (Rupees One thousand Ninety Five Lakhs Ninety thousand only)** as per details given in the annexure. Of the total cost of the scheme, Rs. 544.59 lakhs being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India** and the **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. 408.196 lakhs (Rupees Four hundred Eight Lakhs Nineteen thousand Six hundred only)** including of 10% flexi-fund to the State Government towards the Grants-in-aid to Government of Odisha during the current financial year 2016-17. The balance amount of the Central Assistance will be released in due course after a review of the progress of expenditure/work is undertaken.

3. The grants-in-aid will be regulated in accordance with the provisions contained in the memorandum of the Centrally Sponsored Project Tiger Scheme. The Grants-in-Aid is also subject to the Chapter 9 of the General Financial Rules 2005, as amended from time to time, read with the Government of India's decision incorporated there-under, and any other guidelines which may be issued in this regard, and in particular to the following conditions:-

- (i) All relevant information and documents/certificates as required under GFR 209(I) have been received.
- (ii) The pattern of assistance of rules governing such grants-in-aid have received the approval of the Ministry of Finance, as required under Government of India decision No. (1) under DFPR-Rules 20.
- (iii) Terms and conditions of the service of the employees employed in the **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 208(6)(iv)(a).
- (iv) Assets acquired wholly or substantially out of Government Grants shall not be disposed off without obtaining the prior approval of the sanctioning authority of Grants-in-aid.
  - (v) The **Government of 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, 1972 as amended from time to time.
  - (vii) The accounts of the Project Tiger Scheme shall be open for inspection by the sanctioning authority and audit, both by the Comptroller & Auditor General of India under the provision of C&AG (DPC) Act, 1972 and internal audit party by the Principal Accounts Office of the Ministry whenever it is called upon.
  - (viii) The Utilisation Certificate against the earlier funds released under Grants-in-aid have been received and accepted by the competent authority.
  - (ix) Government of Odisha in respect of **Similipal Tiger Reserve** may furnish their performance-cum-achievement report alongwith Utilisation Certificate in prescribed format on or before 31.3.2017.
  - (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 2016-17 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 209(xiii).
  - (xiv) Grants-in-aid shall be utilized for **Similipal Tiger Reserve** strictly as per the Memorandum of Understanding (MOU) between the Ministry of Environment, Forest and Climate Change, acting through the National Tiger Conservation Authority, Field Director (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) Payments are made by bank transfer and no cash payment is to be made.
  - (xxii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.





- (xxiii) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work to be uploaded in the website of the State Government and Centre for public viewing.
- (xxiv) The UCs with photographs and progress report are to be uploaded in the website of the State Government and Ministry for public viewing.
- (xxv) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxvi) In case of employment through contract, copy of PF & ESI of employees shall be furnished.
- (xxvii) UC is to be submitted as prescribed in GFR.
- (xxviii) If the implementing agency does not use the fund for the purpose for which it was given, it has to refund the same with interest.
- (xxix) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- (xxx) The sanction order must mention measurable physical parameters and all measurable parameters are to be adhered to.
- (xxxi) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxxii) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or G&AG.
- (xxxiii) All guidelines under the project is to be followed scrupulously.
- (xxxiv) The measurable outcome under the project (quantified) in terms of number of tigers in tiger reserve, eco-tourism in tiger reserve, %age decrease in man-animal conflict etc., may also be submitted in the progress report.

4. As the annual budget of the Scheme is approved by the Central Government, the Government of 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 Planning Commission and the Ministry of Finance.
- (b) The grant sanctioned is subject to the adjustment on the basis of the terms and conditions approving the scheme.

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

7. **Further, Ministry of Finance, D/o of Expenditure, Plan Finance-II Division, vide O.M.No.55(5)/PF.II/2011 dated 06-01-2014, has introduced a flexi fund component within the Centrally Sponsored Schemes (CSS) to achieve the following objectives:**

- i) **To provide flexibility to States to meet local needs and requirements within the overall objective of each programme or scheme;**
- ii) **To pilot innovations and improved efficiency within the overall objective of the scheme and its expected outcomes;**





- iii) To undertake mitigation/restoration activities in case of natural calamities in the sector covered by the CSS.

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

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

9. The expenditure involved will be met from within the Sanctioned Budget Grants of Centrally Sponsored Project tiger Scheme under Demand No. 27, Ministry of Environment, Forest and Climate Change, Major Head 3601 – Grants-in-aid to the State Governments, 3601.02- Grants for State Plan Scheme, 3601.02.789-Special Component for Scheduled Castes, 3601.02.789.50-Integrated Development of Wild Life Habitats, 3601.02.789.50.03- Project Tiger, 3601.02.789.50.03.31- Grants-in-aid General for the year 2016-17 (Plan).

10. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 364/AS & FA dated 15.7.2016.

Yours faithfully,



(Sanjay Kumar)

Deputy 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 2016-17 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. The IG, 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.



(Sanjay Kumar)

Deputy Inspector General of Forests (PT)

**SIMILIPAL TIGER RESERVE, ODISHA  
ANNUAL PLAN OF OPERATION FOR THE YEAR 2016-17**

(Rs. in lakhs)

Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Physical target	Specification / Description	Unit Price	Total (Financial Target)	GPS	Justification
<b>CORE NON-RECURRING</b>									
Anti-Poaching	Procurement of vehicles (boats, motorbikes, mobility, Gypsy, Jeep, Truck, Tractor,)(patrolling vehicles against condemnation)	16.1.19	10.2	2	4 WD Mahindra Scorpio	12.5	25.00	86°44'2.65"E 21°57'0.17"N	Due to entire hilly terrain of Similipal, 4 wheel drive with robust make up required for smooth movement. 4 WD Vehicles are not available in market for rent. Besides, the vehicle owner doesn't want to engage their vehicle in hilly terrain because of frequent and heavy wear and tear cost. Procurement of vehicle is proposed against condemned vehicle (Annexure-1)
	Procurement field gear, night vision device, field dress, boots, binoculars	16.1.21	12.4.2	503	Raymonds khaki clothe, Power Bata shoe, Nikkon binoculars Field Gear and Uniform Shoes: 125 Regular staff and 378 Protection Assistant, Binoculars 20 nos. for 20 vulnerable camps.	0.03	15.09	86°44'2.65"E 21°57'0.17"N	For discipline and effectiveness of the staff during foot patrolling and strike. Raymonds Rs 294/mt, Rs 1600/ per shoe, 11000/ per binocular
	Providing 100% support to tiger reserves for raising, arming and deploying Special Tiger Protection Force (STPF).	16.1.1	10.3	1	1 platoon or 112 STPF personnel	200	200.00	86°44'2.65"E 21°57'0.17"N	Salary, Allowance, Raising Infrastructure and maintenance of STPF
	Establishing of patrolling camps/chowkis	16.1.3	7.2.5.1	4	4 (2 Section Office at UBK and Gurandia, 2 Beat Offices at Chahala and Sarabasa)	7.5	30.00	UBK- 86°18'0.69"E 21°39'5.20"N Gurandia 86°14'20.47"E 21°47'05.85"N Chahala 86°17'35.26"E 21°59'10.71"N sarabasa 86°26'31.60"E 21°44'48.51"	For accomodation of front line staff inside core area.
	Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring.	16.2.27	7.2.5.4	50	In entire Tiger Reserve with procurement of Cuddeback C1 trap camera and accessories like batteries, charging units, elephant proof protection guard cover	0.25	12.50	86°44'2.65"E 21°57'0.17"N	Phase IV Monitoring with software analysis. And procurement of 50 nos. Camera trap



	Procurement of Hardware.	16.2.18	9.5 and 9.6	15	procurement of VHF sets, Computers and peripherals Solar/wind powered energy support, GPS	0.6	9.00	86°44'2.65"E 21°57'0.17"N	Mostly the VHF and solar powered batteries, GPS are 3 to 4 years old and need to be replaced.
	Procurement of Geographical Information System (GIS).	16.2.20	9.5 and 9.6	1	1 GIS analyst	2	2.00	86°44'2.65"E 21°57'0.17"N	Engagement of 1 GIS Analyst and to update GIS softwares
	Procurement of satellite imageries for management planning.	16.2.24	9.5.	5		0.2	1.00	86°44'2.65"E 21°57'0.17"N	satellite images to compare the change in habitat and monitoring of management outputs.
<b>Mainstreaming wildlife concerns</b>	Capturing problematic and aberrant wild animals.	16.10.2	11.2	1	Engagment of WTI Mobile Vetrinary Unit	10	10.00	Pithabata 86°34'40.98"E 21°56'25.00"N	MoU with WTI to provide support for capturing problematic, aberrant and diseased animals
<b>Staff Development</b>	Study tours for appraisal of good practices in other reserves.	16.8.5		30	30 staffs	0.05	1.50	86°44'2.65"E 21°57'0.17"N	More number of front line staff should go in exposure visit to other tiger reserves
	Dissemination workshops.	16.8.6		5	Workshops in meadow management, protection strategy, moisture conservation, tiger monitoring, E surveillance	0.2	1.00	UBK- 86°18'0.69"E 21°39'5.20"N Pithabata 86°34'40.98"E 21°56'25.00"N Nawana South 86°24'41.87"E 21°49'39.13"N Nawana North 86°23'5.52"E 21°53'20.93"N Jenabil 38.75"E 21°44'5.96"N	Workshops for capacity building of staffs in meadow management, protection strategy, moisture conservation, tiger monitoring, E surveillance
<b>Project Allowance</b>	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 al categories. See from guide lines	16.15	12.4	1	Field Director and staff including Ministerial staffof FD STR, Core Division, Baripada Division, Karanjia Division, Rairangpur Division.	37	37.00	STR.86°44'2.65"E 21°57'0.17"N Core 86°21'51.58"E 21°43'41.46"N Baripada 86°43'40.14"E 21°56'30.87"N Karanjia 85°58'37.34"E 21°45'57.53"N Rairang pur 86°10'10.34"E 22°15'27.38"N	For all the staff of FD STR, Core Division, Baripada Division, Karanjia Division, Rairangpur Division.
<b>Staff welfare</b>	Provision for ration allowance to field staff	16.16.1	12.4	125	Ration allownce	0.1032	12.90	STR(Core).86°44'2.65"E 21°57'0.17"N Baripada 86°43'40.14"E 21°56'30.87"N Karanjia 85°58'37.34"E 21°45'57.53"N Rairang pur 86°10'10.34"E 22°15'27.38"N	For all the front line regular staff of Core Division, Baripada Division, Karanjia Division, Rairangpur Division.

	Supply of medicine	16.16.3		500	Anti-malarial, Anti inflammatory, anti pain medicine kits	0.004	2.00	UBK- 86°18'0.69"E 21°39'5.20"N Pithabata 86°34'40.98"E 21°56'25.00"N Nawana South 86°24'41.87"E 21°49'39.13"N Nawana North 86°23'5.52"E 21°53'20.93"N Jenabil 86°21'38.75"E 21°44'5.96"N Nationalpark 86°13'51.54"E 21°44'20.35"N, Chahala 86°17'35.26"E 21°59'10.71"	Entire Similipal terrain is malaria effected. Frequently frontline staff suffer from malaria.
	Supply of field kit	16.16.4		63	63 nos for each camp	0.12	7.56	UBK- 86°18'0.69"E 21°39'5.20"N Pithabata 86°34'40.98"E 21°56'25.00"N Nawana South 86°24'41.87"E 21°49'39.13"N Nawana North 86°23'5.52"E 21°53'20.93"N Jenabil 86°21'38.75"E 21°44'5.96"N Nationalpark 86°13'51.54"E 21°44'20.35"N, Chahala 86°17'35.26"E 21°59'10.71"	the Antipoaching squad need a kit having all necessary equipment inside it and being the kit has solar powered energy back up for the instruments like tracker device, GPS, Walkie Takies etc.
Fostering Tourism	Activities for reducing resource dependency	16.17.1	3.1	5	Tourist facilitation centers made up of Tribal Huts to be run by EDCs in Joronda and Barehipani	1	5.00	86° 22'26.9"E 21° 56'01.84"N 86° 24'06.3"E 21° 56'14.37"N	For employment generation of local people EDC members , SHG groups and provide facilities to Tourists
<b>Total Non-Recurring Core :</b>								<b>371.55</b>	
<b>CORE RECURRING</b>									
Strengthening	Maintenance of fire lines and firebreaks.	16.2.15	7.2.5.2	910	910 Km fireline and 10 person squad for each range in Core Division(7Ranges) and equipments	0.03	27.30	UBK- 86°18'0.69"E 21°39'5.20"N Pithabata 86°34'40.98"E 21°56'25.00"N Nawana South 86°24'41.87"E 21°49'39.13"N Nawana North 86°23'5.52"E 21°53'20.93"N Jenabil 86°21'38.75"E 21°44'5.96"N Nationalpark 86°13'51.54"E 21°44'20.35"N, Chahala 86°17'35.26"E 21°59'10.71"	910 Km fireline and 10 person squad for each range in Core Division(7Ranges) and equipments

Anti-Poaching	Deployment of anti-poaching squads.	16.1.2	7.2.5.1	510	Local Youths on Minimum Daily wage@200/- per day and EPF 13.5%	0.709	361.59	UBK- 86°18'0.69"E 21°39'5.20"N Pithabata 86°34'40.98"E 21°56'25.00"N Nawana South 86°24'41.87"E 21°49'39.13"N Nawana North 86°23'5.52"E 21°53'20.93"N Jenabil 86°21'38.75"E 21°44'5.96"N Nationalpark 86°13'51.54"E 21°44'20.35"N, Chahala 86°17'35.26"E 21°59'10.71"	To strengthening protection of Flora and Fauna
	Maintenance of existing patrolling camps/chowkis.	16.1.4	7.2.5.1	20	40 camps and 5 numbers attach toilet with solar pump watering with 1 digging of tube well at Nawna	0.5	10.00	UBK- 86°18'0.69"E 21°39'5.20"N Pithabata 86°34'40.98"E 21°56'25.00"N Nawana South 86°24'41.87"E 21°49'39.13"N Nawana North 86°23'5.52"E 21°53'20.93"N Jenabil 86°21'38.75"E 21°44'5.96"N Nationalpark 86°13'51.54"E 21°44'20.35"N, Chahala 86°17'35.26"E 21°59'10.71"	To provide basic amenities to staff
	Maintenance of wireless network.	16.1.8	4.7.6.3	20	20 Nos VHF maintenance with solar panels and cable and batteries	0.1	2.00	UBK- 86°18'0.69"E 21°39'5.20"N Pithabata 86°34'40.98"E 21°56'25.00"N Nawana South 86°24'41.87"E 21°49'39.13"N Nawana North 86°23'5.52"E 21°53'20.93"N Jenabil 86°21'38.75"E 21°44'5.96"N Nationalpark 86°13'51.54"E 21°44'20.35"N, Chahala 86°17'35.26"E 21°59'10.71"	To strngthen the communication system
	Maintenance of vehicles( boats, motorbikes, mobility)	16.1.20	4.7.6.2	15	14 nos vehicles are in position in Core Division	1	15.00	UBK- 86°18'0.69"E 21°39'5.20"N Pithabata 86°34'40.98"E 21°56'25.00"N Nawana South 86°24'41.87"E 21°49'39.13"N Nawana North 86°23'5.52"E 21°53'20.93"N Jenabil 86°21'38.75"E 21°44'5.96"N Nationalpark 86°13'51.54"E 21°44'20.35"N, Chahala 86°17'35.26"E 21°59'10.71"	14 vehicles for cost of HSD @ 150 lit per vehicle per month and annual maintenance and repair of vehicles change of tyres, spare parts etc.
	Rewards to informers.	16.1.17	12.4	1	Intelligence collection through local	1	1.00		Number of informers to be raised from 14 numbers to 30



				people.				numbers during this year and to be rewarded. A token money reward of 2000/- per month encourages them to provide information including mobile recharge and conveyance costs.	
	Legal support for defending court cases.	16.1.18		1	Expenditure on legal issues	1	1.00	Expenditure on legal issues	
Strengthening	Maintenance of (patrolling camp, culverts).	16.2.1.2		6	Repair of culverts	0.5	3.00	UBK- 86°18'0.69"E 21°39'5.20"N Pithabata 86°34'40.98"E 21°56'25.00"N Nawana South 86°24'41.87"E 21°49'39.13"N Nawana North 86°23'5.52"E 21°53'20.93"N Jenabil 86°21'38.75"E 21°44'5.96"N Nationalpark 86°13'51.54"E 21°44'20.35"N, Chahala 86°17'35.26"E 21°59'10.71"	Maintenance of culverts inside STR after rain breaches during ensuing rainy season.
	Maintenance of road network.	16.2.4	4.7.6.1	400	600 kms of road length inside core, Annual maintenance including busg cutting, side drain cutting, stone pitching with murrum spreading in special repair stretches	0.1	40.00	UBK- 86°18'0.69"E 21°39'5.20"N Pithabata 86°34'40.98"E 21°56'25.00"N Nawana South 86°24'41.87"E 21°49'39.13"N Nawana North 86°23'5.52"E 21°53'20.93"N Jenabil 86°21'38.75"E 21°44'5.96"N Nationalpark 86°13'51.54"E 21°44'20.35"N, Chahala 86°17'35.26"E 21°59'10.71"	After rain the roads require maintenance and repair.
	Maintenance of bridges.	16.2.10	4.7.6.1	25		0.12	3.00	UBK- 86°18'0.69"E 21°39'5.20"N Pithabata 86°34'40.98"E 21°56'25.00"N Nawana South 86°24'41.87"E 21°49'39.13"N Nawana North 86°23'5.52"E 21°53'20.93"N Jenabil 86°21'38.75"E 21°44'5.96"N Nationalpark 86°13'51.54"E 21°44'20.35"N, Chahala 86°17'35.26"E 21°59'10.71"	Wooden bridges to be repaired after rain.

	Maintenance of dams.	16.2.12	4.7.6.1	10	Waterbodies and water harvesting structures general maintenance	0.2	2.00	UBK- 86°18'0.69"E 21°39'5.20"N Pithabata 86°34'40.98"E 21°56'25.00"N Nawana South 86°24'41.87"E 21°49'39.13"N Nawana North 86°23'5.52"E 21°53'20.93"N Jenabil 86°21'38.75"E 21°44'5.96"N	Waterbodies and water harvesting structures general maintenance
	Maintenance of Hardware.	16.2.21		1	Lumpsum expenditure in maintenance of computers and peripherals office equipments, Book, printing materials	1	1.00		For smooth day to day monitoring and reporting.
	Maintenance of Software.	16.2.23		1	Lumpsum expenditure in maintenance of software for computers and peripherals	0.5	0.50		For smooth day to day monitoring and reporting.
	Maintenance of (staff quarters, family hostels, office improvement, house keeping buildings, museum).	16.2.1.3		15	Lumpsum expenditure for annual maintenance of residential and non residential buildings.	0.5	7.50	UBK- 86°18'0.69"E 21°39'5.20"N Pithabata 86°34'40.98"E 21°56'25.00"N Nawana South 86°24'41.87"E 21°49'39.13"N Nawana North 86°23'5.52"E 21°53'20.93"N Jenabil 86°21'38.75"E 21°44'5.96"N National park 86°13'51.54"E 21°44'20.35"N, Chahala 86°17'35.26"E 21°59'10.71"	Annual maintenance of buildings - improves the lifespan of old buildings preventing those to deterioration.
Mainstreaming wildlife concerns	Monitoring of wild animals.	16.10.3	5.6.5	1	6 Salt licks maintenance	1	1.00	Debasthali 86°16'7.86"E 21°42'15.10"N Pithabata 86°32'6.28"E 21°55'28.09"N, Nawana North 86°28'47.77"E 21°56'2.72"N, Chahala 86°17'58.66"E 22°03'78"N, National park 86°12'21.03"E 21°44'5.11"N, Nawana South 86°27'43.70"E 21°48'52.30"N	Artificial salt licks are maintained for salt requirement of ungulates.
Staff Development	Capacity building and training.	16.8.1		5	Training: Frontline staff training on use of fire arms, Census monitoring, habitat management, rescue operation, law and enforcement, ecotourism 6 Nos	0.3	1.50	Pithabata 86°34'40.88"E 21°56'25.08"N	Capacity building of staff with encouraging the morals.



Staff welfare	Supply of torch	16.16.6		100	high beamed torch	0.015	1.50	86°44'2.65"E 21°57'0.17"N	For foot patrolling during night.
Habitat Improvement	Weed eradication	16.3.1	5.6.5	150	Uprooting Lantana, Eupatorium, Partheniums over 300 Ha @6000/- per Ha	0.04	6.00	86°15'2.53"E 21°40'30.07"N, 86°16'2.47"E 21°42'13.26"N	to keep weed free and check invasion of weed in to core habitat
	Removal of gregarious plant growth from grasslands	16.3.2	5.6.5	250	Removal of gregarious species, unpalatable bushes from the grass land 2 times in a year once before flowering and again after 3 months of 1 removal. @6000 /- per Ha	0.048	12.00	86°15'23.75"E 21°41'48.07"N, 86°14'56.67"E 21°41'28.97"N, 86°16'18.89"E 21°42'9.36"N, 86°18'16.02"E 21°37'36.93"N, 86°21'48.90"E 21°44'16.16"N	to keep the grassland free from unpalatable and undesired plant growths.
	Water retention structures	16.3.3	11.5	40	Each longitudinal ( 3 to 4 kms) graded low slope (0.5%) earthen bunds to steer and check the runoff and allow to percolate. @ 60000/- per longitudinal section of 3 Kms	0.6	24.00	UBK- 86°18'0.69"E 21°39'5.20"N Pithabata 86°34'40.98"E 21°56'25.00"N Nawana South 86°24'41.87"E 21°49'39.13"N Nawana North 86°23'5.52"E 21°53'20.93"N Jenabil 86°21'38.75"E 21°44'5.96"N Nationalpark 86°13'51.54"E 21°44'20.35"N, Chahala 86°17'35.26"E 21°59'10.71"	As per Moisture conservationist of Odisha best suitable moistur conservation practices for Odisha condition and checking flash flood originating from Similipal( last in 2013)
	Grass improvement	16.3.4		200	3 times Cutting of grasses like Imperata, Themeda Cynodan etc. and seeding of palatable grasses	0.05	10.00	86°15'23.75"E 21°41'48.07"N, 86°14'56.67"E 21°41'28.97"N, 86°16'18.89"E 21°42'9.36"N, 86°18'16.02"E 21°37'36.93"N, 86°21'48.90"E 21°44'16.16"N	
Research and field equipment	Day to day monitoring of wild animals	16.7.1	7.1	1	1 Research officer for prey base monitoring in respect to grassland management	2	2.00	86°44'2.65"E 21°57'0.17"N	engagement of one Research Fellow for monitoring flora and fauna
<b>Total Recurring Core :</b>							<b>505.59</b>		
<b><u>BUFFER- NON RECURRING</u></b>									
Anti-Poaching	Establishing of wireless network.	16.1.7	4.7.6.3	13	The anti poaching camps are to be strengthened through establishing base station VHF network.	0.7	9.10		Karanjia Division: Matiagad, Khejuri, Mandaljhari Baripada Division: Gendapokhari, Haladibani, Haridachua, Chakidi, Subarnamanjari, Kutling Rairangpur Division: Talabandh, Gadasimilipal, Nawana, Haladia

	Establishing of existing patrolling camps/chowkis	16.1.4		5	The anti poaching camps are to be constructed.	3	15.00	khejuri 86°07'55.20" 21°50'02.40" Tarajodi 86°35'45.60" 21°57'28.80" Dangadiha 86°18'54.00" 21°30'00.00" kolha 86°16'33.60" 21°53'49.20"	Karanjia Division: Kiajhari, Mandaljhari //Baripada Division : Champagada, Tarajodi, Khasadiha, Khandabura, Nuagaon, Dangadiha. Rairangpur Division: Haldia, Kolha	
	Creation of fire watch tower.	16.2.9		1	Fire watch tower made of Steel fabrications are to be erected at strategic site.	6	6.00	kuliapal 86°38'31.20" 22°01'33.60"	To monitor forest fire at Baripada Division: Kulipal, Rairangpur Division: Mathurakherai	
Addressing man animal conflict	Deployment traps, cages to catch problematic animals.			2	Herbivore and carnivore Adjustable Cages 3 Nos , Net guns 3 nos.	0.8	1.60	86°44'2.65"E 21°57'0.17"N	Herbivore and carnivore Adjustable Cages, Net guns	
	Payment of compensation for cattle lifting, death of human beings and crop predation* due to wild animals.			1	crop loss , domestic animal kill	5	5.00		Compassionate grant 20 lacs each Division	
	Specialized training in park interpretation.			1	Capacity building of front line staff of buffer ranges on use of fire arms, Census monitoring, habitat management, rescue operation, law and enforcement, ecotourism	0.5	0.50	STR(Core).86°44' 2.65"E 21°57'0.17"N Baripada 86°43'40.14"E 21°56'30.87"N Karanjia 85°58'37.34"E 21°45'57.53"N Rairang pur 86°10'10.34"E 22°15'27.38"N	Capacity building of front line staff of buffer ranges	
Staff welfare	Provision for ration allowance to field staff			105	Ration allowance @ 896 per month or 10320 per year. To front line staff	0.1032	10.836	Baripada 86°43'40.14"E 21°56'30.87"N Karanjia 85°58'37.34"E 21°45'57.53"N Rairang pur 86°10'10.34"E 22°15'27.38"N		
	Supply of mosquito net			820	820 front line staff for both core and buffer	0.0026	2.132	STR(Core) 86°44' 2.65"E 21°57'0.17"N Baripada 86°43'40.14"E 21°56'30.87"N Karanjia 85°58'37.34"E 21°45'57.53"N Rairang pur 86°10'10.34"E 22°15'27.38"N		
Eco-Development	To carry out prophylactic immunization of cattle in and around Tiger Reserve.			50	Livelihood promotions including cattle immunisation in 50 fringe villages of buffer division.	0.4	20.00	Baripada 86°43'40.14"E 21°56'30.87"N Karanjia 85°58'37.34"E 21°45'57.53"N Rairang pur 86°10'10.34"E 22°15'27.38"N	Eco development initiatives for alternative livelihoods for fringe villages and immunization and vaccination of cattle and fodder cultivation etc. Through Eco Development Committees	
Total (Non-Recurring Buffer):								70.17		



<b>BUFFER RECURRING:</b>									
Anti-Poaching	Maintenance of elephant squads.			1	Maintenance of 6 captive elephants and 2 numbers of Dogs in Dog squad	12	12.00	Jenabil 86°21'38.75"E 21°44'5.96"N Gudgudia 86°14'52.91"E 21°51'51.98"	Maintenance of 6 captive elephants and 2 numbers of Dogs in Dog squad, Feeding and medicine charges of captive elephants and wages of Mabouts
	Maintenance field gear, night vision device.			300	Raymonds khaki clothe, Power Bata shoe, Nikkon binoculars Field Gear and Uniform Shoes: 105 Regular staff and 246 Protection Assistant, Binoculars 20 nos. for 20 vulnerable camps.	0.02	6.00	UBK- 86°18'0.69"E 21°39'5.20"N Pithabata 86°34'40.98"E 21°56'25.00"N Nawana South 86°24'41.87"E 21°49'39.13"N Nawana North 86°23'5.52"E 21°53'20.93"N Jenabil 86°21'38.75"E 21°44'5.96"N Nationalpark 86°13'51.54"E 21°44'20.35"N, Chahala 86°17'35.26"E 21°59'10.71"	For discipline and effectiveness of the staff during foot patrolling and strike. Raymonds Rs 294/mt, Rs 16000/ per shoe, 110000/ per binocular
	Operation Monsoon- Ensuring special site specific protection measures during monsoon considering the terrain and accessibility of Protected Areas.			10	Procuring portable tents and accessories and development of camping sites to have transit camps during monsoon patrolling inside core-bufferline line.	0.6	6.00		During monsoon patrolling field staff face lot of difficulties to return to Anti poaching camps. So this arrangement can enable them to night stay at the touring spots/ vulnerable spots instantly
	Maintenance of road network.			100	154.5 km of road length inside core, Annual maintenance including busg cutting, side drain cutting, stone pitching with murrum spreading in special repair stretches	0.15	15.00	Kulipal Road 86°23'33.42"E 21°43'49.26"N, Devkund 86°27'17.13"E 21°42'1.47"N, Tulasibani 86°10'28.09"E 21°59'46.58"N, Barehipani 86°21'2.70"E 21°57'3.22"N	Baripada Division : Manabhanga to Banjhikusum(15Km), Baniabasa to Kulipal(18 Km), Nedam to Baribeda(10Km),Tald iha to Devkund(8 Km) /Karanja Division: Kalikaprasad to Gudgudia(10Km), Kendumundi to Sealdah(13Km), Ranibhol to Kandabhenu(18Km), Budhigam to Kandbhenu(15Km)/Ra irangpur Division: Tulasibani to Brundaban(22Km), Talabandha to Chahala(12.5 Km). Barehipani to Kolha(13 Km)
<b>Total (Recurring Buffer):</b>								<b>39.00</b>	
<b>Total Non-Recurring</b>								<b>441.72</b>	
<b>Total Recurring</b>								<b>544.59</b>	
<b>TOTAL</b>								<b>986.31</b>	

(Rs. In Lakhs)

S.No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	441.72	265.032
2.	Eco development (60%)	--	--
3.	Recurring (50%)	544.59	272.295
4.	<b>Sub Total</b>	<b>986.31</b>	<b>537.327</b>
5.	10% Flexi-fund (x/9)	109.59	59.703
6.	<b>Total (X)</b>	<b>1095.90</b>	<b>597.03</b>
7.	Adjustment of balance of previous year 2015-16 including amount to be adjusted due to revised funding pattern (34.80+ 34.628)	69.428	69.428
8.	<b>Grand Total</b>	<b>1026.472</b>	<b>527.602</b>

(Rs. In Lakhs)

Cost of APO including State's share (including Flexi Fund)	A	1095.90
Centre's share in APO (without Flexi Fund)	B	537.327
FF on Centre's share	C=B/9	59.703
Centre's share including FF	D=B+C	597.03
1 <sup>st</sup> release @ 80% of Centre's share	E=0.8*D	477.624
Less: Unspent balance FY 15-16 including amount to be adjusted due to revised funding pattern	F	69.428
Adjusted 1 <sup>st</sup> release including FF	G=E-F	408.196
2 <sup>nd</sup> release @ 20% of Centre's share	I=0.2*D	119.406
Total release towards APO in FY 16-17	J=(9/10)*(G+I)	474.842
Total release towards FF in FY 16-17	K=(1/10)*(G+I)	52.760
Grand total release in FY 16-17	L=G+I	527.602
Total effective release including USB	L+F	597.03
Effective release for APO activities	J+0.9*F	537.327
Effective release for FFs	K+0.1*F	59.703

\* Ecodevelopment initiatives should be based on normative guidelines of the National Tiger Conservation Authority, Ministry of Environment, Forest and Climate Change, Govt. of India issued earlier based on village level, site specific, participatory micro plan with reciprocal commitment between the tiger reserve and the local people.