

**No. 4-1(29)/2017-PT**  
Government of India  
Ministry of Environment, Forest and Climate Change  
Project Tiger Division

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**Dated the 28<sup>th</sup> July, 2017**

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 Satkosia Tiger Reserve, Odisha during 2017-18.**

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Satkosia Tiger Reserve, Odisha at the cost of **Rs. 738.67 Lakhs (Rupees Seven hundred Thirty Eight Lakhs Sixty Seven thousand only)** as per details given in the annexure. Of the total cost of the scheme, Rs. 520.79 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. 289.79 lakhs (Rupees Two hundred Eighty Nine Lakhs Seventy Nine thousand only)** to the State Government towards the Grants-in-aid to Government of Odisha during the current financial year 2017-18. 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 230(1) 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 **Satkosia 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

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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 **Satkosia 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 **Satkosia Tiger Reserve** may furnish their performance-cum-achievement report alongwith Utilisation Certificate in prescribed format on or before 31.3.2018.
- (x) **Satkosia 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 2017-18 and unspent balance, if any, will be refunded by **Government of Odisha** to the **Govt. of India**.
- (xiii) Government of Odisha in respect of **Satkosia 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 **Satkosia 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 (Satkosia 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) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.

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- (xxiv) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- (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 contributions of employees shall be obtained wherever applicable.
- (xxvii) 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.
- (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 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.
- (xxxv) 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 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. 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.

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8. 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, 3601.06 – Centrally Sponsored Schemes (Sub Major Head), 3601.06.101-Central Assistance / Share (Minor Head), 02-Integrated Development of Wildlife Habitats (Sub-Head), 02.01-Project Tiger (Detailed Head), 3601.06.101.02.01.31- Grants-in-aid General for the year 2017-18 (Plan).

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 85607/AS&FA dated 21.7.2017.

Yours faithfully,

*Nishant Verma 28/7/17*  
(Nishant Verma)  
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 2017-18 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, Satkosia Tiger Reserve, Odisha.
5. The Accountant General, Odisha.
6. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
7. The IG/AIG, NTCA Regional Office, Nagpur.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.

*Nishant Verma 28/7/17*  
(Nishant Verma)  
Deputy Inspector General of Forests (PT)



**ANNEXURE**

**SATKOSIA TIGER RESERVE, ODISHA  
ANNUAL PLAN OF OPERATION FOR THE YEAR 2017-18**

(Rs. in Lakhs)

Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	PFY (Rs In lakhs)	Current Financial Year				GPS		
					No. of Items (Physical Target)			Specification / Description		Unit Price (Rs in Lakhs)	Total (Financial Target) In Lakhs
					Satkosia	Mahanadi	Total				
CORE NON-RECURRING											
Anti-Poaching	Establishing of patrolling camps/chowkis	16.1.3	10.5.1	32.00		2 Nos.	2 Nos.	Construction of Barrack / permanent antipoaching camp shed Ranisahi, Kumari, Rajingi, Buriapaju, Osameska (Mahanadi)	8.00	16.00	20.29 84.53 20.36 84.40 20.29 84.53 20.36 84.44 20.29 84.47
	Organizing vehicular patrolling by constituting squads (Tiger Protection Force) comprising of field staff, laborers and police or SAF or ex-army personnel or home guards with wireless handset and paraphernalia for apprehending offenders, apart from prescribing a patrolling calendar for the squad.)	16.1.6	10.5.1	25.62	6 Nos Squad	-	6 Nos.	Constitution of 6 Nos. of Squad for Mobile duty at 5 Ranges and Division level consisting 5 nos of local youth in each squad	4.90	29.40	20.65 84.84 20.70 84.95 20.62 85.06 20.60 84.79 20.53 84.94
Strengthening	Creation of road network.	16.2.5	7.2.6.1								
	Creation of amicus.	16.2.14									
	Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring.	16.2.27	7.2.6.2								
	Establishing E-surveillance.	16.2.29									
	Procurement of Hardware.	16.2.18		2.00	1 No.	2 Nos.	3 Nos.	Purchase of Desktop with Printer, Laptop etc.	0.70	2.10	Satkosia 20.65 84.84 20.70 84.95 20.62 85.06 20.60 84.79 20.53 84.94 & Mahanadi WL Division

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	Procurement of Software.	16.2.19		0.21	10 Nos.	5 Nos.	15 Nos.	Updating computers with softwares and antivirus of Field Director Office and 2 Deputy Director Office both Satkosia & Mahanadi	0.03	0.45	Satkosia WL Division Office 20.83 85.10 & Mahanadi WL Division
	Procurement of Geographical Information System (GIS).	16.2.20		3.00	2 Nos.		2 Nos.	Remuneration of Field Biologist-1, GIS Analyst-1 engaged through service provider and procurement of Field Equipments		5.00	Satkosia WL Division 20.83 85.10
	Procurement of satellite imageries for management planning.	16.2.24			1 No.		1 No.	Satellite imageries for management planning	L.S	0.50	Satkosia WL Division 20.83 85.10
Addressing man animal	Procurement traps to catch problematic animals.	16.4.3	5.4		1 No.		1 No.	Traps to catch problematic animals	L.S	1.00	Satkosia WL Division 20.83 85.10
	Procurement cages to catch problematic animals.	16.4.4	5.4		1 No.		1 No.	Cages to catch problematic animals	L.S	1.00	Satkosia WL Division 20.83 85.10
	Procurement of tranquilizing equipments, darts, rescue vehicles, drugs. ( all items will be in a drop down)	16.4.5	5.4		L.S		L.S	Purchase of Barrel, Flunger, Charger, Medicines, middle etc.	L.S	0.50	Satkosia WL Division 20.83 85.10
	Creation of crop protection structures.	16.4.2									
Staff Development	Providing project allowance and special incentives.	16.8.2	8.5								
	Study tours for appraisal of good practices in other reserves.	16.8.5	8.4.2		L.S			Study tours for appraisal of good practices in other Tiger reserves	L.S	1.00	Satkosia WL Division 20.83 85.10
	Dissemination workshops.	16.8.6		0.50	2 Nos.		2 Nos.	Workshop on management practices for protection, monitoring and conservation of wildlife in the Tiger Reserve.	0.50	1.00	Satkosia WL Division 20.83 85.10
Project Allowance	Provision of Project Allowance to staff (all categories) of Project Tiger (providing project allowance to Ministerial staff is a new component) (non recurring). Separate for all categories. See from guide lines	16.15	8.5	17.72	Field Director and all Staff of Satkosia Wildlife Division (126 Nos.)		126 Nos.	Payment of Project Allowance to staff during 2017-18 (Satkosia)		11.184	Satkosia WL Division 20.83 85.10
							Payment of Project Allowance to staff during 2017-18 (Mahanadi)		5.820		
Staff welfare	Provision for ration allowance to field staff- Assistant Commandant	16.16.2.1	7.2.61								
	Provision for ration allowance to field staff- Head Constable	16.16.4.1									

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Provision for ration allowance to field staff- Constable	16.16.5.1										
Provision for ration allowance to field staff	16.16.1	7.2.6.1	6.17	31 Nos.		31 Nos.	Ration allowance to Forester, FG, and below working on regular pay roles in Satkosia WL (31 Nos. part)	0.10320	3.19920	Satkosia WL Division (31 Nos.) 20.83 85.10 (part) & Mahanadi WL.	
							Ration allowance to Forester, FG, and below working on regular pay roles in Mahanadi WL		2.57		
Supply of kerosene	16.16.2	7.2.6.1	2.00				Supply of Kerosene to Remote Camps for Satkosia WL Division	0.50	0.50	20.58 85.05 20.60 85.09 20.64 85.02 20.63 84.94 20.58 85.05 20.59 84.83 20.65; 84.78	
							Mahanadi WL		0.60		
Supply of medicine	16.16.3	7.2.6.1	1.00				Supply of Medicine to Staff and Conducting Health Camp in Raigoda, Tulka, Labangi, Tikarpada of Satkosia WL Division	0.50	1.50	Rasanda 20.64 85.02 Tulka 20.64 84.88 Tarsing 20.58 85.05 Kuadoi 20.60 85.03 Kalrang 20.56 84.83 of Satkosia & Atalasara 20.29 84.53 Bethiasahi 20.27 84.44 Senpari 20.25 84.37 Durgaprasad Mahanadi WL Division	
							Mahanadi WL	0.50	1.50	20.2984.53	
							Atalasara			20.27 84.44	
							Bethiasahi			20.25 84.37	
							Senpari				
							Durgaprasad				
Supply of field kit	16.16.4		2.00				Supply of Field Kit to Staff and Protection Camps for Satkosia WL Division	L.S	1.00	Satkosia WL Division 20.83 85.10 & Mahanadi WL Division	
							Supply of Field Kit to Staff and Protection Camps for Mahanadi WL	L.S	1.00		

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Rehabilitation package	Deployment of denotified tribes in foot patrolling for protecting wildlife	16.6.1									
	Education facilities	16.6.4									
	Housing and related community welfare	16.6.5									
Total (Non-Recurring Core):										86.7232	
CORE RECURRING											
Anti-Poaching	Deployment of anti-poaching squads.	16.1.2	7.2.6.1		8 Nos. Squad	4 Nos. Squad	12 Nos. Squad	Constitution of 12 Nos. of Squad for Antipoaching activities consisting 5 members in each squad through service provider	4.90	58.80	
											20.07
											84.93
											20.68
											84.84
											20.62
											85.03
											20.75
											84.76
											20.64
											84.99
											20.06
											84.89
											20.71
											84.72
											20.75
											84.76
											20.58
											84.78
											20.55
											84.82
											20.50
											84.86
											20.60
											84.71
Anti-Poaching	Maintenance of existing patrolling camps/chowkis.	16.1.4		9.60	5 Nos.	5 Nos.	10 Nos.	Maintenance and Provision of Solar Lighting system to remote camps & Check gates of Salkosia WL	0.30	1.50	
											20.71
											84.82
											20.52
											85.12
											20.69
											85.22
											20.06
											85.09
											20.07
											84.77
											20.62
											84.91
											20.72
											84.76
					4 Nos.		4 Nos.	Digging of 4 Nos. Open Well	1.00	5.00	
									0.50	2.00	
											20.66
											84.76
											20.64
											85.02
											20.68
											84.73
											20.67
											84.78

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	Rewards to informers.	16.1.17			LS	LS	LS	Reward to Villagers/ Informers for providing information regarding sighting of Wildlife Kill / Information on Poachers in Satkosia WL Division	LS	0.50	Satkosia 20.6584.7884.84 20.70 84.95 20.62 85.06 20.60 84.79 20.53 84.94 & Mahanadi WL Division
	Legal support for defending court cases.	16.1.18						Mahanadi WL Legal assistance and awarness training for frontline staff of Satkosia WL Division	LS LS	0.50 0.20	Satkosia 20.6584.7884.84 20.70 84.95 20.62 85.06 20.60 84.79 20.53 84.94
	Providing 100% support to tiger reserves for raising, arming and deploying Special Tiger Protection Force (STPP).	16.1.1									
Strengthening	Map digitization facility for management planning.	16.2.26	8.4								
	Maintenance of fire lines and firebreaks.				125 Kms	125 Kms	Maintenance of fire lines and firebreaks.	0.02	2.50		
					6 Nos	4 Nos.	15 Nos.	procurement of Fire Blowers	0.5	5.00	
								Pol for Fire Blower for 4 month (Satkosia WL)	LS	1.50	
								Pol for Fire Blower for 4 month (Mahanadi WL)	LS	1.00	
Maintenance of (patrolling camp, culverts).	16.2.1.2	10.5.10	1.00				Repair & Maintenance of existing A,P camps in Satkosia WL Division. Mahanadi WL	1.00 1.00	2.00	20.71 84.82 20.52 85.12 20.69 85.22 20.06 85.09	

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											20.07 84.77 20.62 84.91 20.72 84.76 20.66 84.76 of Satkosia & Mahanadi WL Division
Maintenance of road network.	16.2.4	7.2.6.1	15.12	40 Kms	20 Kms	60 Kms	Repair and maintenance of forest roads (Satkosia)	0.42	16.80	20.63 85.02 20.61 84.96 20.51 84.87 20.71 84.83 of Satkosia WL Division & Mahanadi WL Division	
							Major repair and maintenance of forest roads (Mahanadi)	0.84	16.80		
Maintenance of fire watch tower.	16.2.9	7.2.6.1	1.00	L.S	L.S		Repair / Maintenance of Watch Tower of Satkosia WL Division	L.S	1.00	Harigirja 20.66 84.82, Kantar-singa 20.64	
							Mahanadi WL	L.S	1.00	84.99, Kandhaida 20.60 84.84, Kadalikhola 20.67 84.78 of Satkosia & Mahanadi WL Division	
Maintenance of bridges.	16.2.10	7.2.6.1	1.00	4 Nos.	-	4 Nos.	Maintenance of bridges & Wooden culvert	0.50	2.00	Purunakote to Bagha-munda road 20.66 84.83 Purunakote to Gisinga road 20.64 84.83	
Maintenance of dams.	16.2.12	4.3		4 Nos.	-	4 Nos.	Maint. of Dams	0.25	1.00	Purunakote Compt. No.14 20.62 84.90 Tainsi Compt. No. 10 20.71 84.63 Raigoda 20.62 85.02	
Maintenance of amicus.	16.2.13			-	-	-					
Maintenance of earthen ponds.	16.2.16	4.3									
Maintenance of Hardware.	16.2.21	9.5		-	-	-					
Maintenance of Software.	16.2.23	9.5		L.S	-	L.S	Maintenance of Software.	L.S	0.50	Satkosia WL Division 20.83 85.10	
Maintenance of satellite imageries for management planning.	16.2.25	9.5		-	-	-					
Maintenance of E-surveillance	16.2.30	7.2.6.1		-	-	-					
Maintenance of kuccha roads	16.2.3	7.2.6.1	3.00		5 Kms	5 Kms	Maintenance of Kuccha Road	0.20	1.00	Mahanadi WL Division GPS.	
Creation of wireless tower.	16.2.7	10.5	6.00								
Creation of bridges.	16.2.11	7.2.6.1	10.00	1 Nos.	2 Nos.	3 Nos.	Construction of bridge 1 No. in Satkosia WL Division	5.00	5.00	Hadibasa-bara 20.62 84.91 of Satkosia & Badastling, Sitalinala of	
							Hadibasabara				

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								Construction of small bridges 2 Nos. at Badasiling & Silatinala of Mahanadi WL	10.00	20.00	Mahanadi WL
	Creation of fire lines and fire breaks.	16.2.14	10.6	4.00		50 Kms	50 Kms	Creation of Fire line	0.05	2.50	
	Creation of earthen ponds.	16.2.15	4.3								
	Construction of (patrolling camp, culverts).	16.2.1.1	7.2.6.1								
	Construction of (staff quarters, family hostels, office improvement, house keeping buildings, museum).	16.2.1.3	8.5		LS	-	LS	Construction of Staff Qtr.(flat Type)-4 Nos Cr.		20.00	Satkosia WL Division 20.83 85.10
Tiger Safari	Maintenance of Tiger Safari, interpretation and awareness centers under the existing component of co-occurrence agenda in buffer and fringe areas	16.21.2	7.2.5.1.3								
Mainstreaming wildlife concerns	Monitoring of wild animals.	16.10.3	8.3	5.00	LS	LS	LS	Conducting Census for Phase-IV monitoring etc in Satkosia Landscape	LS	2.00	Satkosia 20.65 84.84 20.70 84.95 20.62
								Mahanadi WL	LS	1.00	85.06 20.60 84.79 20.53 84.94 & Mahanadi WL Division
Staff Development	Capacity building and training.	16.8.1	7.2.6.1	1.00	LS	LS	LS	Training and capacity building in Satkosia WL Division	LS	1.00	Satkosia 20.65 84.84 20.70 84.95
								Mahanadi WL	LS	1.00	20.62 85.06 20.60 84.79 20.53 84.94 & Mahanadi WL Division
					2 Nos.	-	2 Nos.	Exposure visit the other Tiger Reserve	0.50	1.00	Satkosia WL Division 20.83 85.10
	Specialized training in jurisprudence and wildlife forensics.	16.8.4									
Staff welfare	Supply of torch	16.16.6	7.2.6.1	1.50	25 Nos.	25 Nos.	50 Nos.	Purchase of 4 cell LED torch / Solar Torch etc. for both Satkosia & Mahanadi WL Division	0.04	1.00	Satkosia WL Division 20.83 85.10 & Mahanadi WL Division
Habitat Improvement	Weed eradication	16.3.1	4.3	4.50	90 Ha	60 Ha.	150 Ha	Eradication of Invasive Weeds	0.06	9.00	Purunakoe RF 20.63 84.85, Tikarpada RF 20.60 84.83, Raigoda RF 20.61 85.06, Kalrang RF 20.57 84.88, Tainsi RF 20.73 84.83 of Satkosia WL & Mahanadi WL Division
	Removal of gregarious plant growth from grasslands	16.3.2	4.3	2.00	40 Ha	30 Ha	70 Ha	Up rooting of gregarious plant growth in both Satkosia & Mahanadi WL Division	0.10	7.00	Balanga RF 20.63 84.99, Tulka RF 20.62 84.96, Kuru RF 20.69 84.82, Raigoda

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										RF 20.62 85.06, Majhipada RF 20.64 84.79 of Satkosia WL & Mahanadi WL Division	
	Water retention structures	16.3.3			100 Nos.	-	100 Nos.	Creation of water holes in rimmed CC structure during in summer season. (Jillinda-30 Nos.Pampasar-30 Nos and Tikarpada-40 Nos.)	0.05	5.00	Jillinda-30 Nos 20.53 84.94, Pampasar-30 Nos 20.70 84.95 and Tikarpada-40 Nos. 20.68 84.79
	Grass improvement	16.3.4		5.00	10 Ha	15 Ha	25 Ha	Maintenance of Grass Land in Purunakote RF, Kuru RF, Balanga RF, Raigoda RF of Satkosia WL Division	0.35	8.75	Purunakote RF 20.63 84.85, Kuru RF 20.79 84.82, Balanga RF 20.63 84.99, Raigoda RF 20.62 85.06 of Satkosia WL Division
Co-occurrence agenda in buffer	Co-occurrence agenda in buffer and fringe areas (landscape approach, sect oral integration, ecologically sustainable development programmed, livelihood options and eco-tourism) (new activity fin case of tiger reserves where buffer has not been notified so far).	16.5		2.50	100 Nos. Incentive to EDC		100 Nos.	Provision of Incentives to 100 Nos. Traditional fisher men for ban on fishing in the ear marked area during breeding season of Satkosia WL Division	2.50	23.50	All Ranges of Satkosia WL 20.65 84.84 20.70 84.95 20.62 85.06 20.60 84.79 20.53 84.94 & Mahanadi WL Division
	Deployment of camp laborers for patrolling.	16.1.5	10.5.1		9 Nos.	8 Nos.	17 Nos.	Deployment of 9 squads@ 5 persons per squad for antiposching/ anti smuggling duty	4.90	63.30	
								Tersingh			20.58 85.05
								Border			20.06 85.09
								Rasanda			20.6485.02
								Chunari			20.63 84.94
								Hadiwasabara			20.62 84.91
								Kandhaida			20.6 84.84
								Kadalikhola			20.67 84.78
								Bipradaha			20.68 84.73
								Routbahal			20.70 84.77
								Jaleswar			20.69 84.84
								Phapeya			20.61 84.99
								Sunakhania			20.60 84.71
								Durgaprasad			20.45 84.89
								Salapaganda			20.46 84.97
								Siripaju			20.55 84.72

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							Ledharkendu			20.46	
							Nandagadu			84.72	
							Sepapathar			20.56	
							Musaguda			84.72	
	Maintenance of fire lines and firebreaks.	16.2.15	7.2.6.1		200 Kms	300 Kms	500 Kms	Maintenance of Existing Fire lines	0.02	10.00	
Research and field equipment	Day to day monitoring of wild animals	16.7.1	8.3		2 Nos.	L.S	2 Nos	Monitoring of wild animals & purchase of census equipments (Solkosia)		2.00	
								Wages of 3 Nos DEO @ 10866 per month for 12 months (Mahanadi)		3.78	
Mainstream-ing wildlife concerns	Capturing problematic and aberrant wild animals.	16.10.2	5.4								
	Habitat improvement measures.	16.10.5	4.3		10 Nos.		10 Nos.	Renovation of Water Bodies	0.65	6.50	
								Mandaban game tank			20.61
								Dhodanala area			85.06
								Hadidahala			20.62
											85.06
								Balangikhola area			20.62
											85.03
								Khalakhala area			20.62
											85.07
								Habgirija			20.66
											84.82
								Srotaindia			20.62
											84.88
Jamudoholia	20.07										
	84.78										
Rundipathar	20.75										
	84.76										
Athamile	20.07										
	84.93										
Kantarsingha	20.64										
	84.99										
					100 Nos.		100 Nos.	Creation of water holes in rimmed CC structure during in summer season.	0.05	5.00	
								Baghamunda- 50 Nos.		20.59	
								Raigoda-50 Nos.		84.87	
										20.48	
										85.77	
					30 Ha	45 Ha	75 Ha	Creation of Meadow development	0.35	26.25	
Total (Recurring Core):										381.18	
Total (Recurring core + Non-recurring core)										381.18 + 86.6532 = 467.8332	
BUFFER ( Non-Recurring)											
Anti-Poaching	Deployment of elephant squads.	16.1.15			4 Nos.		4 Nos.	Deployment of elephant squads.	4.90	19.60	Satkosia WL Division 20.65 84.84 20.70 84.91 20.60 84.79 20.53 84.94
	Establishing of existing patrolling camps/chowkis	16.1.4		16.00		1 No.	1 No.	Const. of 1 no. of A.P camps	8.00	8.00	Barutha 20.22 84.79

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								Barautha										
Strengthening	Hardware, software, manpower, training, gps. Separate them all	7.4.1		L.S	L.S	L.S	Salkosia WL	L.S	0.50	Salkosia 20.83 85.10 & Mahanadi WL Division 20.12 85.10								
							Mahanadi WL	L.S	1.00									
	Creation of fire watch tower.	16.2.9	15.00	1 No.	-	1 No.	Creation of Fire Watch Tower at Baghamunda	5.00	5.00	Bagha- munda 20.71 84.79								
	Creation of dams.																	
	Upgradation of road network.			4 Nos.	-	4 Nos.	Const. of Causeway & Culverts	1.50	6.00	Salkosia WL Division 20.83 85.10								
Addressing man animal conflict	Deployment traps, cages to catch problematic animals.	5.4		-	-	-												
	Payment of compensation for cattle lifting, death of human beings and crop predation* due to wild animals.		5.00	L.S	-	L.S	Compassionate Grant for Crop depredation	L.S	2.00	Salkosia WL Division 20.83 85.10								
Tiger Safari	Establishment of Tiger Safari, interpretation and awareness centers under the existing component ;co-occurrence agenda in buffer and fringe areas	14.3																
Mainstreaming wildlife concerns	Redressing man-animal conflict.	5.4	34.16	3 Nos.	7 Nos.	10 Nos.	Deployment of Antidepredation squad @ 4 person per squad at vulnerable locations	4.90	39.20									
							Jagannathpur			20.42 84.91								
							Tainsi			20.21 84.17								
							Ghatasahi			20.47 84.94								
							Kumari			20.60 84.67								
							Marada			20.58 84.78								
							Kuturi			20.55 84.82								
							Malisahi			20.50 84.86								
							Sitalpani			20.60 84.71								
							Sunakhania			20.60 84.71								
							Durgaprasad			20.40 84.67								
							Anti-poaching operations.			5.4	26.88	3 Nos.	4 Nos.	7 Nos.	Deployment of Antipoaching squad	4.90	34.30	
							Tulka			20.69 84.56								
	Sahadachhak	20.71 84.81																
Baghamunda	20.62																	



												84.64
												20.46
												84.74
												20.45
												84.96
												20.40
												84.57
												20.49
												84.83
Staff Development	Specialized training in the use of Global Information System (GIS), anti-poaching operations.		11.3	0.50	L.S	L.S	L.S	Specialized training in the use of Global Information System (GIS), anti-poaching operations. (Salkosia)	L.S	0.50	Salkosia 20.83 85.10 & Mahanadi WL	
								Training and capacity building of staff on use of GIS, Antipoaching operations etc. in Baisipali RF (2 Ranges) of Mahanadi WL	0.50	0.50		
	Specialized training in management planning.			0.25	L.S	L.S	L.S	Specialized training in management planning (Salkosia)	L.S	0.50	Salkosia 20.83 85.10 & Mahanadi WL	
								Management training in Salkosia George (2 Ranges) of Mahanadi WL	L.S	0.50		
Staff welfare	Provision for ration allowance to field staff		7.4.1	7.26	47 Nos.		47 Nos.	Ration allowance to Forester, FC, and below working on regular pay roles of Salkosia WL, Division (47 Nos. [balance] Mahanadi WL	0.1032	4.85040	Salkosia WL Division 20.83 85.10 & Mahanadi WL Division.	
	Supply of mosquito net			2.00	200 Nos.	200 Nos.	400 Nos.	Supply of single Mosquito Net to field staff working remote area	L.S	1.86	All Ranges of Salkosia WL 20.65 84.84 20.70 84.95 20.62 85.05 20.60 84.79 20.53 84.94 & Mahanadi WL Division	
Rehabilitation package	Providing agricultural land with irrigation.		8.1.2.2									
	Basic health care			4.50	5 Nos.	4 Nos.	9 Nos.	Conducting Health Camp one in each Range (9 layers) 0.50 Lakhs per camp.	0.50	2.50	20.25 84.37 20.34 84.42 20.33 84.83 20.29 84.58	

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								Nuapada, Siripaju, Iswargur, Chamundia, Osamska, Chilipathar, Kumari, Rajingi	0.50	2.00	20.26 84.57 20.29 84.47 20.28 84.44 20.36 84.40 All Ranges of Sarkosia WL Division Tulka 20.60 84.96, Majhipada 20.62 84.76, Katrang 20.56 84.86, Labangi 20.65 84.97, Raigoda 20.62 85.05
Eco-Development	To carry out prophylactic immunization of cattle in and around Tiger Reserve.		7.4.3	2.00	5 Nos.	4 Nos.	9 Nos.	Immunisation of cattle and animal health camp Sarkosia WL, Division & Mahanadi WL,	0.25	1.35	Sarkosia WL Division 20.53 84.94, 20.57 84.85 20.70 84.84 20.65 84.84 20.60 84.79 20.60 84.96 20.65 84.97 & Mahanadi WL
Total (Non-Recurring Buffer):										131.1604	
BUFFER (Recurring)											
Anti-Poaching	Maintenance of arms and ammunition.		5.4		2 Nos.	-	2 Nos.	Maintenance of Rifle, Revolver and DBBL Guns	LS	0.50	Sarkosia WL Division 20.83 85.10
	Maintenance of elephant squads.				-	-	-				
	Maintenance field gear, night vision device.				-	-	-	Purchase of field gear, night vision device etc. in Mahanadi WL Division	LS	1.00	
	Maintenance of wireless network.			1.00	-	-	-	Maintenance of existing VHF Base set and hand set in Sarkosia WL Division	LS	1.25	Pampasar 20.70 84.95, Punnakote 20.65 84.84, Tikarpada 20.60 84.79, Jillinda 20.53 84.94 of Sarkosia WL & Mahanadi WL Division
	Maintenance of wireless network.							Mahanadi WL	LS		
	Deployment of ex-army personnel and home guards.										
	Deployment of local work force for patrolling, surveillance of water holes, manning barriers.			32.40	9 Nos.	5 Nos.	14 Nos.	Deployment of 27 Nos. Gate Keeper at 9 Nos entry & Anti-poaching Check Gates (3Nos. Gate keeper in each gate) through service provider in Sarkosia WL Division	2.94	26.46	Bhurkundi 20.58 85.00, Border 20.60 85.09, Chholkei 20.62 84.91, Pampasar 20.70 84.95, Tikarpada 20.60 84.79, Hinjadoli 20.75 84.84, Laxmanpur

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												20.79 84.80, Baliput 20.58 84.89, Nuakhela 20.72 84.86 of Salkosia WL & Mahanadi WL Division
								Mahanadi WL	4.89	24.45		
	Operation Monsoon- Ensuring special site specific protection measures during monsoon considering the terrain and accessibility of Protected Areas.				2 Nos	2 Nos.	4 Nos.	Deployment of 2 Nos. river squad at Tikarpada & Baliput of Salkosia WL including cost of POL for Boat (5 Members in 1 Squad)	6.00	12.00		Tikarpada 20.60 84.79 & Baliput 20.56 84.89 of Salkosia WL, Badmul & Marada of Mahanadi WL
								2 Nos river squad at Badmul & Marada of Mahanadi WL including cost of POL for Boats	5.00	10.00		
Strengthening	Creation of kuccha roads		7.4.5.1							1.00		
	Maintenance of road network.			14.00	10 Kms	20 Kms	30 Kms	Repair and maintenance of major forest roads in Salkosia WL Division & Mahanadi WL Division	0.84	25.20	20.70	84.95, 20.64 84.86, 20.60 84.79, 20.71 84.79 of Salkosia WL Division in & Mahanadi WL Division
	Procurement of vehicles											
	Maintenance of (staff quarters, family hostels, office improvement, house keeping buildings, museum).			3.00 3.00	6 Nos.		6 Nos.	Maintenance of Forester Qtr. 6 Nos.	0.50	3.00		
					10 Nos.		10 Nos.	Maintenance of Forest Guard Qtr. 10 Nos.	0.30	3.00		
					1 No.		1 No.	Extension of Division Office building	10.00	10.00		
						L.S	L.S	Maint. of staff qtr. & Improvement of office building with Solar facility enforcement in <b>Mahanadi WL</b>	L.S	5.00		
					10 Nos.		10 Nos.	Maintenance of Staff Ctr. For F.D, Dy. Director, Asst. Director and Ministerial Staff Qtrs. <b>Mahanadi WL</b>	L.S	5.00		
	Maintenance of kuccha roads		7.4.5.1	1.50		5 Kms	5 Kms	Maintenance of Kuccha Road	0.20	1.00		
	Maintenance of wireless tower.			1.00	5 Nos.	2 Nos.	7 Nos.	Maintenance of existing VHF Tower including height raising	0.30	2.10		Salkosia 20.65 84.84 20.70 84.95 20.62 85.06 20.60 84.79 20.53 84.94 & Mahanadi WL Division

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	Maintenance of vehicles (Gypsy, Jeep, Truck, Tractor, staff car etc.).			3.00				Repair and maintenance of Govt. vehicle and M/C in Salkosia WL Division including cost of POL	L.S	1.50	Salkosia 20.65 84.84 20.70 84.95 20.62 85.06 20.60 84.79 20.53 84.94 & Mahanadi WL Division
								Mahanadi WL Division		1.50	
	Establishing of wireless network.	16.17	7.4.1		L.S	L.S	L.S	Maint. of VHF set, VHF tower & Solar set etc., Construction of fixed station with base set of Salkosia WL Division	L.S	2.00	
								Maint. of VHF set, VHF tower & Solar set etc. at Division office of Mahanadi WL Division	L.S	1.25	20.12 58.10
Total (Recurring Buffer):										139.61	
Total (Recurring buffer + Non-recurring Buffer)										139.61 + 131.1604 = 270.7704	
Grand Total (of all 04)										467.8332 + 270.7704 = 738.6036	

(Rs. In Lakhs)

S. No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	217.88	130.73
2.	Recurring (50%)	520.79	260.40
	<b>Total</b>	<b>738.67</b>	<b>391.13</b>

(Rs. In Lakhs)

Cost of APO including State's share	A	738.67
Center's share in APO	B	391.13
1 <sup>st</sup> release @ 80% of Center's share	E=0.8*D	312.90
Less: Unspent balance FY 16-17 including amount to be adjusted due to revised funding pattern	F	23.11
Adjusted 1 <sup>st</sup> release	G=E-F	289.79
2 <sup>nd</sup> release @ 20% of Center's share	I=0.2*D	78.23

\* 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.

*M. S. V.*