

No. 4-1(29)/2018-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 22nd October, 2018

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 2018-19 –reg.**

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. 813.26 Lakhs (Rupees Eight hundred Thirteen lakhs Twenty Six thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 443.64 Lakhs (Rupees Four hundred Forty Three lakhs Sixty Four 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. 303.442 lakhs (Rupees Three hundred Three lakhs Forty Four thousand Two hundred only)** as the 1st installment of Central Share towards the Grants-in-aid to Government of Odisha during the current financial year 2018-19. 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 **Satkosia Tiger Reserve** under the Project Tiger Scheme are not higher than those applicable to similar categories of

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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 **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 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 **Satkosia Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2019.
- (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 2018-19 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, Forests 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 C&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.
- (xxxvi) **All labour payments strictly by DBT and an evaluation report by a 3rd party before release of 2nd installment.**

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

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

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

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

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

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8. The expenditure incurred is adjustable to the Demand No. 27 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2018-19 :

Scheme	Budget Head	Amount (Rs. in lakhs)
Centrally Sponsored Scheme of Project Tiger (General)	3601.06.101.02.01.31	242.754
Centrally Sponsored Scheme of Project Tiger (SCSP)	3601.06.789.02.01.31	60.688
Total		303.442

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 113167/AS&FA (PG) dated 16.10.2018.

Yours faithfully,

Nishant Verma 22/10/18
(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 2018-19 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 IGF/AIGF, 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 22/10/18
(Nishant Verma)

Deputy Inspector General of Forests (PT)

SATKOSIA TIGER RESERVE, ODISHA
ANNUAL PLAN OF OPERATION 2018-19

Non-Recurring (Core + Buffer)

(Rs. in lakhs)

Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY	Current Financial Year			GPS	Justification	
					No. of Items (Physical Target)	Sub-item Details	Unit Price (Rs.)			Total (Financial Target)
Anti-Poaching	Buffer Area: Creation of wireless tower.	16.2.3	7.4.1	0.0	1.00	1,000 Maint. of VHF set, VHF tower & Solar set etc., Construction of fixed station with base set of Satkosia WL Division * 150000.000 = 150000.000	150000.000	1.50	20.57, 84.96	Maint. of VHF set, VHF tower & Solar set etc., Construction of fixed station with base set of Satkosia WL Division
Anti-Poaching	Buffer Area: Establishing of patrolling camps/chowkis/buildings	16.1.3		8.0	1.00	1,000 Cost of 1 No Anti-Poaching Camp * 800000.000 = 800000.000	800000.000	8.00	20.34, 85.27	Cost of 1 No Anti-Poaching Camp
Anti-Poaching	Buffer Area: Mainstreaming wildlife concerns in tiger bearing forests and fostering corridor conservations:- Anti-poaching operations.	16.10.1.(iv)	5.4	39.20	10.00	10,000 Deployment of Antipoaching squad @ 5 persons per camp with monthly wages Rs.9245/month per person * 522000.000 = 5220000.000	522000.000	52.20	20.69, 84.56 20.71, 84.81 20.72, 84.64 20.46, 84.74 20.46, 84.78 20.47, 84.95 20.42, 84.70 20.45, 84.96 20.40, 84.67 20.49, 84.83	To prevent poaching & smuggling activities in and around the PA and to assist field functionaries in similar works (Satkosia-3 Nos., Mahanadi-7 Nos.)
Strengthening	Buffer Area: Procurement of hardware, software, manpower, training, gps, etc.	16.2.11	7.4.1	1.50	3.00	3,000 Purchase of 1 No. Desktop with accessories Satkosia WL * 50000.000 = 150000.000	50000.000	1.50		For monitoring and recording data & field observation on protection & conservation activities (Satkosia-1 Nos., Mahanadi-2 Nos.)
Strengthening	Buffer Area: Up gradation of road network.	16.2.2		6.0	8.00	8,000 Const. of Causeway & Culverts * 125000.000 = 1000000.000	125000.000	10.00	20.64, 84.71 20.61, 84.70 20.58, 84.81 20.73, 84.80 20.55, 84.93 20.56, 84.87 20.61, 84.86 20.68, 84.87	Const. of Causeway & Culverts of Satkosia wl
Habitat Improvement	Core Area: Water retention structures	16.3		5.0	100.00	100,000 Creation of water holes in rimmed CC structure during in summer season.(Jillinda-30 Nos,Pampasar-30 Nos and Tikarpada-40 Nos.) * 50000.000 = 5000000.000	50000.000	5.00	20.74, 84.83 20.71, 84.92 20.59, 85.08 20.60, 85.03 20.33, 84.35 20.60, 84.99 20.58, 84.82 20.55, 84.88 20.54, 84.87 20.63, 84.39	Creation of water holes in rimmed CC structure during in summer season.(Jillinda-30 Nos,Pampasar-30 Nos and Tikarpada-40 Nos.)
Addressing man animal conflict	Buffer Area: Payment of compensation for cattle lifting, death of human beings and crop predation* due to wild animals.	16.4.1.1		2.0	1.00	1,000 Compassionate Grant for Crop depredation * 250000.000 = 250000.000	250000.000	2.50		Compassionate Grant for Crop depredation in Satkosia WI
Mainstreaming wildlife concerns	Buffer Area: Redressing man-animal conflict.	16.10.1.1	5.4	0.0	10.00	10,000 Deployment of Anti-depredation squad @ 5 persons per camp with monthly wages Rs. 9245/month per person * 522000.000 = 5220000.000	522000.000	52.20	20.72, 84.87 20.69, 84.81 20.75, 84.84 20.35, 84.80 20.46, 84.72 20.48, 84.82	Deployment of Anti-depredation squad @ 5 person per squad at vulnerable locations, Satkosia-4 nos, Mahanadi-8 nos
Staff Development	Buffer Area: Specialized training in management planning.	16.8.8		1.0	4.00	4,000 Specialized training in management planning * 25000.000 = 100000.000	25000.000	1.00		Specialized training in management planning for Satkosia & Mahanadi Training workshop for staff Contingency Expenditure Internal meeting and report cost

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Staff Development	Buffer Area: Specialized training in park interpretation.	16.8.7	14.3	0.0	1.00	1,000 Specialized training in park interpretation. * 50000.000 = 50000.000	50000.000	0.50		Specialized training in park interpretation in Salkosia WL
Staff Development	Buffer Area: Specialized training in the use of Global Information System (GIS), anti-poaching operations.	16.8.3	11.3	1.0	2.00	2,000 Specialized training in the use of Global Information System (GIS), anti-poaching operations (Salkosia) * 50000.000 = 100000.000	50000.000	1.00		Specialized training in the use of Global Information System (GIS), anti-poaching operations. (Salkosia) & Mahanadi
Staff welfare	Buffer Area: Provision for ration allowance to field staff	16.16	7.4.1	0.0	48.00	47,000 Ration allowance to Forester, FG, and below working on regular pay roles of Salkosia WL Division (47 Nos. (balance)) * 10320.000 = 485040.000 1,000 Provide nutritional supplement to front line staff * 186000.000 = 186000.000	10320.000 186000.000	6.71	As per NTCA guideline 12-7/2010-NTCA dt.06.06.2014 Grade-C-32 Nos. Grade-D- 15 Nos. of Salkosia WL Division Grade-C-15 Nos. Grade-D- 3 Nos. of Mahanadi WL Division	Ration allowance to Forester, FG, and below working on regular pay roles of Salkosia WL Division (47 Nos. (balance)) Provide nutritional supplement to front line staff for Mahanadi WL
Staff welfare	Buffer Area: Supply of mosquito net/ field kit	16.16		1.0	200.00	200,000 Supply of Single Mosquito Net to Field Staff working in remote area * 500.000 = 100000.000	500.000	1.00		Supply of Single Mosquito Net to Field Staff working in remote area for Mahanadi WL
Eco-Development	Buffer Area: Basic health care/ Health Camps for Staffs.	16.16		2.50	9.00	9,000 Conducting Health Camp one in each Range * 50000.000 = 450000.000	50000.000	4.50		Conducting Health Camp one in each Range for Salkosia WL & Mahanadi WL
Eco-Development	Buffer Area: To carry out prophylactic immunization of cattle in and around Tiger Reserve.	16.10	7.4.3	2.50	9.00	9,000 Immunisation of cattle and animal health camp Salkosia WL Division -5 ncls., & Mahanadi WL-4 nos. * 20000.000 = 180000.000	20000.000	1.80		To prevent spreading of contagious diseases from the domestic cattle population in and around the Reserve.
Anti-Poaching	Core Area: Organizing vehicular patrolling by constituting squads (Tiger Protection Force) comprising of field staff, labourers 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.	16.1.4	10.5.1	29.40	25.00	20,000 Deployment of squads @ 5 persons per camp with monthly wages Rs.9245/month per person * 522000.000 = 10440000.000	522000.000	104.40	20.58, 85.05 20.60, 85.09 20.64, 85.02 20.63, 84.94 20.63, 84.88 20.59, 84.85 20.48, 84.74 20.68, 84.73 20.70, 84.77 20.69, 84.84 20.65, 84.89 20.63, 84.99 20.63, 85.01 20.74, 84.83 20.71, 84.82 20.30, 84.48 20.26, 84.48 20.28, 84.46 20.28, 84.45 20.24, 84.40 20.31, 84.50 20.29, 84.53 20.32, 84.43 20.34, 84.24 20.34, 84.40	For housing of field staff, daily foot patrolling party & squad personnel engaged for protection/ management activities (Salkosia-10 Nos., Mahanadi-10 Nos.)
Anti-Poaching	Core Area: Procurement of field gear, night vision device etc	16.1.15		0.0	3.00	1,000 Tele lens Camera in Salkosia WL Division * 75000.000 = 75000.000	75000.000	0.75	20.36, 84.44 20.36, 84.44 20.36, 84.44	Field support device for monitoring and documentation of the activities inside Tiger Reserve at ground level
Anti-Poaching	Core Area: Establishment of Antipoaching Shed	16.1.3		0.0	2.00	2,000 Construction of AP shed at Kumari & Ranisahi of Mahanadi WL Division * 750000.000 = 1500000.000	750000.000	15.00	20.36, 84.48 20.27, 84.44	To Provide permanent camping facilities at Vulnerable location for regular monitoring & protections
Strengthening	Core Area: Creation of bridges.	16.2.5	7.2.6.1	0.0	3.00	1,000 Construction of bridge * 450000.000 = 450000.000 1,000 Construction of bridge * 750000.000 = 750000.000	450000.000 750000.000	12.00	20.63, 84.88 20.52, 84.80	Construction of bridge at Salkosia WL Construction of bridge at Mahanadi WL
Strengthening	Core Area: Creation of fire lines and fire breaks.	16.2.6	10.6	0.0	105.00	100,000 Creation of Fire line in Salkosia WL Division & Mahanadi WL Division * 4000.000 = 400000.000	4000.000 60000.000	7.00		To Check and prevent spreading of forest fire within the Tiger Reserve Procurement of fire blower to

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						5.000 Procurement of fire blower & POL in Mahanadi WL Division * 60000.000 = 300000.000					prevent forest fire.
Strengthening	Core Area: Creation of fire lines and firebreaks.	16.2.6		0.0	600.00	600.000 Maintenance of fire lines and firebreaks. * 1000.000 = 600000.000	1000.000	6.00		20.65, 84.81 20.63, 84.82 20.65, 84.98 20.70, 84.84 20.68, 84.73 20.64, 84.71 20.57, 84.83 20.57, 84.74 20.62, 85.01 20.62, 85.04 20.32 84.44 20.28 84.49 20.24 84.43 20.25 84.46	Maintenance of Existing Fire lines, Satkosia-300 Kms, Mahanadi-300 Kms
Strengthening	Core Area: Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring.	16.2.14	7.2.6.2	0.0	1.0	1.000 Tigers Intensive protection and Ecological Status (M-Stripes) monitoring * 1000000.000 = 1000000.000	1000000.000	10.00			Tigers Intensive protection and Ecological Status (M-Stripes) monitoring Conducting census regular census, foot patrolling, patrolling and Phase-IV monitoring through ecological app and recording other informations.
Strengthening	Core Area: Procurement of Geographical Information System (GIS).	16.2.10		5.0	2.00	2.000 Remuneration of Field Biologist-1, GIS Analyst-1 engaged through service provider and procurement of Field Equipments * 300000.000 = 600000.000	300000.000	6.00			Collection, Updating and documenting information and digitising maps
Strengthening	Core Area: Procurement of Hardware.	16.2.10		2.10	3.00	3.000 Purchase of Desktop with Printer, Laptop etc. * 70000.000 = 210000.000	70000.000	2.10			Recording, updating and documenting information for Satkosia 1 No & Mahanadi 2 Nos
Strengthening	Core Area: Procurement of satellite imageries, printing for management planning/ Tiger Conservation Plan	16.2.12		0.50	1.00	1.000 Satellite imageries for management planning * 50000.000 = 50000.000	50000.000	0.50			Satellite imageries for management planning
Strengthening	Core Area: Procurement of Software.	16.2.10		0.45	1.00	1.000 Updating computers with software and antivirus of Field Director Office and Deputy Director Office Satkosia WL & Mahanadi WL * 75000.000 = 75000.000	75000.000	0.75			For office management documentation
Addressing man animal conflict	Core Area: Procurement of tranquilizing equipments, darts, rescue vehicles, drugs.	16.4.1.4	5.4	0.5	1.00	1.000 Purchase of Barrel, Plunger, Charger, Medicines, niddle etc. * 90000.000 = 90000.000	90000.000	0.90			To rescue and treatment of wild animals in exigency These equipments are critical for chemical immobilizing target animals for translocation to Satkosia TR. The cost proposed is minimum and have to be procured sooner to keep the preparation of recovery project in order. Two units of these would be required.
Addressing man animal conflict	Core Area: Procurement of traps to catch problematic animals.	16.4.1.3	5.4	1.0	4.00	4.000 Traps to catch problematic animals (collapsible cage) * 150000.000 = 600000.000	150000.000	6.00			Traps to catch problematic animals (collapsible cage)
Research and field equipment	Core Area: Day to day monitoring of wild animals	16.7	8.3	5.78	3.00	2.000 Monitoring of wild animals & purchase of census equipments (Satkosia) * 100000.000 = 200000.000 1.000 Wages of 3 Data Entry Operators @ 10866 per DEO per month for 12 months in Mahanadi WL * 391176.000 = 391176.000	100000.000 391176.000	5.91 Lakhs			Documenting and Updating of Field Data on Wildlife Monitoring Satkosia 2 Nos Documenting and Updating of Field Data on Wildlife Monitoring Mahanadi 3 nos
Staff Development	Core Area: Dissemination workshops.	16.8.6		1.0	4.00	4.000 Workshop on management practices for protection, monitoring and conservation of wildlife in the Tiger Reserve. * 50000.000 = 200000.000	50000.000	2.00			Workshop on management practices for protection, monitoring and conservation of wildlife in the Tiger Reserve.

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Staff Development	Core Area: Study tours for appraisal of good practices in other reserves.	16.8.5	8.4.2	1.0	2.00	2.000 Study tours for appraisal of good practices in other Tiger reserves * 100000.000 = 200000.000	100000.000	2.00		Study tours for appraisal of good practices in other Tiger reserves
Project Allowance	Core Area: 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	17.004	1.00	1.000 Payment of Project Allowance to staff during 2018-19 (Satkosia) * 1732000.000 = 1732000.000	1732000.000	17.32	Grade A- 7 Nos., Grade-B- 7 Nos., Grade- C -92 Nos., Grade - D- 20 Nos. of Satkosia WL Division Grade A- 2 Nos., Grade-B- 4 Nos., Grade- C-51 Nos., Grade - D- 4 Nos. of Mahanadi WL Division	Payment of Project Allowance to staff during 2018-19 (Satkosia & Mahanadi)
Staff welfare	Core Area: Provision for ration allowance to field staff	16.16	7.2.6.1	5.769	1.00	1.000 Ration allowance to Forester, FG, and below working on regular pay roles in Satkosia-WL (31 Nos.(part)) * 577920.000 = 577920.000	577920.000	5.78	Grade- C- 31 Nos. of Satkosia WL Division Grade- C-25 Nos. of Mahanadi WL Division	Provide nutritional supplement to front line staff in Tiger Reserve for Satkosia & Mahanadi
Staff welfare	Core Area: Supply of field kit	16.16		2.0	100.00	100.000 Supply of Field Kit to Staff and Protection Camps (Hand Bag, Knife, Measuring tape, Rope, Magnifying Lence, Tiger Tracer, Gloves, Sample Collection Kit, Zip Bags, Torch Light etc) for Satkosia WL Division * 3000.000 = 300000.000	3000.000	3.00		Supply of Field Kit to Staff and Protection Camps
Staff welfare	Core Area: Supply of medicine	16.16	7.2.61	3.0	7.00	4.000 Supply of Medicine to Staff and Conducting Health Camp in Raigoda, Tulka, Labangi, Tikarpada of Satkosia WL Division * 40000.000 = 160000.000 3.000 Supply of Medicines to field staffs & conducting health camp Atalasar, Bethiasahi, Senpari * 40000.000 = 120000.000	40000.000 40000.000	2.80	20.70, 84.83 20.60, 84.79	Essential medicines required for field staff of the remote area Purchase of Essential Medicines for field staffs as well as health camp within Tiger Reserve
Fostering Tourism	Core Area: Activities for reducing resource dependency	16.17	7.2.51	0.0	4.00	4.000 Up gradation of Souvenir shop at Manganasi @ 2.50 lakh; provision of Gas connection with Chulah, Ujjala Scheme for 100 families @ 0.03 Lakh in Mahanadi WL, Toilet & Water Supply at Tikarpada, Tarava @ 2.50 Lakhs each of Satkosia WL Division * 250000.000 = 1000000.000	250000.000	10.00		Providing information on the Tiger Reserve and orienting the visitors towards the conservation. Provision of gas connection to rural families to reduce forest dependency & to build confidence. To provide minimum basic facilities at the eco-tourism sites the Sanitation and Water supply facilities are to be upgraded
	Total (Non-Recurring):							369.62		

Recurring (Core + Buffer)

(Rs. in lakhs)

Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY	No. of Items (Physical Target)	Current Financial Year			GPS	Justification
						Sub-item Details	Unit Price (Rs.)	Total (Financial Target)		
Anti-Poaching	Buffer Area: Maintenance of wireless network.	16.2.3	7.4.1	1.25	13.00	12.000 Maint. of VHF set, VHF tower & Solar set (4 Nos.) Satkosia WL, (8 Nos.) (Mahanadi) * 15000.000 = 180000.000 1.000 Maintenance of existing VHF Base set and hand set in Satkosia WL Division * 500000.000 = 500000.000	15000.000 500000.000	6.80	To strengthen the VHF connectivity within the whole STR areas & to establish linkage with all field units Maintenance of existing VHF Base set and hand set in Satkosia WL Division	

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Anti-Poaching	Buffer Area: Deployment of local work force for patrolling, surveillance of water holes, manning barriers.	16.1.9		50.91	19.00	9,000 Deployment of 27 Nos. Gate Keeper at 9 Nos entry & Antipoaching Check Gates (3 Nos. Gate keeper in each gate) through service provider in Satkosia WL Division with monthly wages Rs.9245/month per person * 313000.000 = 2995380.000 6,000 Deployment of 30 Nos. Gate Keeper at 9 Nos entry & Antipoaching Check Gates through service provider Rs.9245/month per person Mahanadi WL Division * 522000.000 = 3132000.000	313000.000 522000.000	59.49	20.48, 84.74 20.68, 84.73 20.70, 84.77 20.69, 84.84 20.65, 84.89 20.63, 84.99 20.63, 85.01 20.74, 84.83 20.71, 84.82 20.47 84.94 20.60 84.67 20.46 84.72 20.51 84.74 20.53 84.69 20.46 84.74	To prevent any type of illegal activities and tress passing of intruders, regulate the tourists etc. To prevent any type of illegal activities and tress passing of intruders, regulate the tourists etc.
Anti-Poaching	Buffer Area: Ensuring special site specific protection measures during monsoon as Operation Monsoon-considering the terrain and accessibility of Protected Areas.	16.1.7		22.00	6.00	2,000 Deployment of 2 Nos. river squad at Tikarpada & Bailput of Satkosia WL including cost of POL for Boat (5 Members in 1 Squad) with monthly wages Rs.9245/month per person * 554700.000 = 1109400.000 4,000 Deployment of 4 Nos. river squad of Mahanadi WL Division including cost of POL for Boats (5 Members in 1 Squad) with monthly wages Rs.9245/month per person * 500000.000 = 2000000.000	554700.000 500000.000	31.09		The River Mahanadi passing through the Reserve and dividing both divisions which needs to be protected through adequate patrolling throughout the year to prevent illegal fishing, smuggling of timber and kendu leaves etc. The River Mahanadi passing through the Reserve and dividing both divisions which needs to be protected through adequate patrolling throughout the year to prevent illegal fishing, smuggling of timber and kendu leaves etc.
Strengthening	Buffer Area: Maintenance of (staff quarters, family hostels, office improvement, housekeeping buildings, museum).	16.2.1		26.00	3.00	1,000 Maintenance of Staff Qtr. For F. D, Dy. Director, Asst. Director and Ministerial Staff Qtrs. * 400000.000 = 400000.000 1,000 Maintenance of Staff Qtr. For F. D, Dy. Director, Asst. Director and Ministerial Staff Qtrs. * 200000.000 = 200000.000 1,000 Maintenance of Staff Qtr. & Improvement of Office Building with Solar facility enforcement in Mahanadi WL Division * 400000.000 = 400000.000	400000.000 200000.000 400000.000	10.00	20.83, 85.10 20.70, 85.60	Maintenance of Staff Qtr. For F. D, Dy. Director, Asst. Director and Ministerial Staff Qtrs. Maintenance of Staff Qtr. For F. D, Dy. Director, Asst. Director and Ministerial Staff Qtrs. (Mahanadi WL) Maintenance of Staff Qtr. & Improvement of Office Building with Solar facility enforcement in Mahanadi WL Division
Strengthening	Buffer Area: Maintenance of kuccha roads	16.2.2	7.4.5.1	1.0	15.00	15,000 Maintenance of Kuccha Road * 15000.000 = 225000.000	15000.000	2.25		Maintenance of Kuccha Road, Satkosia-10kms, Mahanadi-5 Kms
Strengthening	Buffer Area: Maintenance of road network.	16.2.2		25.2	50.00	40,000 Repair and maintenance of major forest roads in Satkosia & Mahanadi WL Division * 84000.000 = 336000.000	84000.000	33.60	20.64, 84.88 20.62, 84.92 20.62, 85.06 20.58, 85.05 20.63, 85.02 20.60, 85.03 20.32 84.44 20.24 84.35	Repair and maintenance of major forest roads in Satkosia & Mahanadi WL Division
Strengthening	Buffer Area: Maintenance of wireless tower.	16.2.3		2.10	12.00	12,000 Maintenance of existing VHF Tower including height raising * 20000.000 = 240000.000	20000.000	2.40	20.75, 84.84 20.70, 84.83 20.65, 84.84 20.60, 84.96 20.71, 84.79 20.60, 84.79 20.59, 84.91 20.62, 85.06 20.70, 84.95 20.53, 84.94 20.39, 84.81 20.50, 84.87	Maintenance of existing VHF Tower including height raising
Strengthening	Buffer Area: Procurement of compass, range finder, Global Positioning System (GPS), camera traps.	16.2.11		0.0	3.00	3,000 Purchase of compass-7 Nos. @ 5000/-, Range finder-2 Nos. @20000/-, Global Positioning System (GPS) 4 Nos. @ 15000/-, etc. = 135000.000	45000.000	1.35		For preparation of data base, monitoring of different activities, trapping of wild animals etc.
Strengthening	Buffer Area: Procurement of Vehicles: Maintenance of vehicles (Gypsy, Jeep, Truck, Tractor, staff car etc.).	16.2.8		0.0	2.00	8,000 Repair and maintenance of Govt. vehicle 4 Nos. and M/C 4 Nos. in Satkosia WL Division including cost of POL * 20000.000 = 160000.000 12,000 Repair & Maintenance of Govt vehicles & POL (Mahanadi) 6 Govt. vehicle, 6 M/C * 20000.000 = 240000.000	200000.000 200000.000	4.00		Repair and maintenance of Govt. vehicle and M/C in Satkosia WL Division including cost of POL Repair & Maintenance of Govt vehicles & POL (Mahanadi)
Mainstreaming wildlife concerns	Corridor Area: Mainstreaming wildlife concerns in tiger bearing forests and	16.10.1.4	4.3	0.0	15.00	15,000 Renovation of Water Bodies Satkosia - 10 Nos., Mahanadi-5 Nos. * 30000.000 = 450000.000	300000.000	4.5	20.62, 85.04 20.63, 85.03 20.59, 84.32 20.64, 84.77 20.57, 84.86	To provide perennial water source and water availability round the year the existing water bodies are to be renovated and the deposited

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	fostering corridor conservation:- Habitat Improvement measures								20.58, 84.85 20.68, 84.90 20.71, 84.87 20.67, 84.83 20.66, 84.81	earth to be removed to enhance the capacity of the water bodies.
Anti-Poaching	Core Area: Deployment of anti-poaching squads.	16.1.2	7.2.6.1	58.80	14.00	14,000 Constitution of 14 Nos. of Squad @ 5 persons per camp with monthly wages Rs 9245/month per person * 522000.000 = 7308000.000	522000.000	73.08	20.07, 84.98 20.68, 84.84 20.62, 85.03 20.75, 84.76 20.64, 84.99 20.75, 84.76 20.58, 85.05 20.60, 85.09 20.64, 85.02 20.63, 84.94 20.63, 84.88 20.59, 84.85 20.32, 84.43 20.34, 84.24 20.07, 84.93 20.68, 84.84 20.62, 85.03 20.75, 84.76 20.64, 84.99 20.75, 84.76 20.34, 84.42 20.30, 84.51 20.36, 84.44 20.34, 84.47 20.33, 84.49 20.31, 84.43 20.34, 84.47 20.34, 84.49 20.30, 84.51 20.30, 84.44 20.24, 84.43 20.28, 84.49 20.34, 84.42 20.34, 84.43 20.34, 84.41	Strengthening the Protection and anti-poaching activities
Anti-Poaching	Core Area: Deployment of camp labourers for patrolling.	16.1.3		19.50	4.00	4,000 Deployment of elephant squads @ 5 persons per camp with monthly wages Rs 9245/month per person * 522000.000 = 2088000.000	522000.000	20.88		This Tiger Reserve harbours more than 250 Nos. of elephant. To monitor and track the movement of elephant squad personnel are to be deployed at strategic location.
Anti-Poaching	Core Area: Legal support for defending court cases.	16.1.13		0.20	1.00	1,000 Legal assistance and awareness training for frontline staff of Satkosia WL Division * 50000.000 = 50000.000	50000.000	0.50		Legal assistance and awareness training for frontline staff of Satkosia WL Division
Anti-Poaching	Core Area: Maintenance of vehicles, boats	16.1.14		0.0	2.00	2,000 Maintenance of Vehicle-10 Nos. @ 1.00 lakh, Boats-6 @ 1.00 lakh, M/C-20 Nos. @ 0.20 lakh including Cost of POL * 750000.000 = 1500000.000	750000.000	15.00		For strengthening protection activities and Regular maintenance of the running vehicles & boats are essential
Anti-Poaching	Core Area: Maintenance of existing patrolling camps/chowkis and deployment of camp labourers for patrolling.	16.1.3		8.5	28.00	13,000 Sinking of Open Well * 45000.000 = 585000.000 15,000 Maintenance and Provision of Solar Lighting system to remote camps & Check gates * 40000.000 = 600000.000	450000.000 400000.000	11.85	20.66, 84.76 20.64, 85.02 20.68, 84.73 20.67, 84.78 20.70, 84.95 20.70, 84.91 20.70, 84.93 20.62, 85.06 20.60, 85.09 20.41, 85.11 20.58, 85.05 20.60, 85.03 20.64, 85.02 20.26, 84.48 20.34, 84.42 20.24, 84.41 20.27, 84.47 20.28, 84.39 20.25, 84.56	To provide safe drinking water for the staff/ squad staying in the remote camps To Provide Basic Minimum facility to the camp for Satkosia & Mahanadi WL Division
Anti-Poaching	Core Area: Maintenance of wireless tower.	16.2.3		0.0	47.00	15,000 Maintenance of existing VHF Tower including height raising in both Satkosia WL * 20000.000 = 300000.000 22,000 Maintenance of existing VHF Tower including height raising in Mahanadi WL Division Dhipisahi, Badsilinga, Takara, Kuanria, Makareprasad, Duising, Banigochha, Buguda, Drugaprasada, Badamul, Purunapani, Chhemundia, Kuturi, Geregadi, Rajingi, Khandadhua, Kusanga, Padmatola, Sitalapani, Marada, Sunakhania & Semiguda * 20000.000 = 440000.000	20000.000 20000.000	7.40	20.23, 84.48 20.26, 84.48 20.23, 84.44 20.21, 84.48 20.64, 84.98 20.70, 84.76 20.57, 84.96 20.68, 84.74 20.79, 84.80 20.65, 84.78 20.66, 84.78 20.68, 84.82 20.56, 84.83 20.59, 84.84 20.55, 84.88 20.26, 84.48 20.23, 84.48 20.21, 84.44 20.25, 84.48 20.29, 84.47 20.27, 84.48 20.25, 84.56 20.34, 84.55 20.32, 84.39	Strengthening of communication network for forest & wildlife protection for Satkosia WL Strengthening of communication network for forest & wildlife protection Maintenance of existing VHF Tower including height raising in both Satkosia WL

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										20.24 84.47 20.24 84.35 20.24 84.43 20.29 84.40 20.28 84.52 20.28 84.49 20.33 84.56 20.29 84.49 20.35 84.45 20.23, 84.48 20.26, 84.48 20.23, 84.44 20.21, 84.48	
Anti-Poaching	Core Area: Rewards to informers.	16.1.12		6.50	2.00	1,000 Reward to Villagers/ Informers for providing information regarding sighting of Wildlife Kill /Information on Poachers in Satkosia WL Division * 50000.000 = 50000.000 1,000 Reward to Villagers/ Informers for providing information regarding sighting of Wildlife Kill / Information on Poachers Mahanadi WL * 50000.000 = 50000.000	50000.000 50000.000		1.00		Rewards to informers and intelligence units for providing vital intelligence inputs and network Rewards to informers and intelligence units for providing vital intelligence inputs and network
Strengthening	Core Area: Maintenance of (patrolling camp, culverts).	16.2.1	10.5.10	2.00	6.00	6,000 Repair ∓ Maintenance of existing A.P camps * 75000.000 = 600000.000	75000.000		4.50	20.67, 84.96 20.72, 84.76 20.55, 84.89 20.39, 84.81 20.48, 84.82 20.60, 84.71	Regular and up-gradation of Existing AP Camp
Strengthening	Core Area: Maintenance of bridges.	16.2.5	7.2.6.1	2.00	6.00	6,000 Maintenance of bridges & Wooden culvert * 40000.000 = 240000.000	40000.000		2.40	20.63, 84.88 20.58, 85.08 20.60, 85.03 20.68, 84.73 20.65, 84.97 20.62, 84.90	Maintenance of bridges & Wooden culvert
Strengthening	Core Area: Maintenance of dams.	16.2.5	4.3	1.0	4.00	4,000 Maint. of Dams * 25000.000 = 100000.000	25000.000		1.00	20.60, 85.09 20.60, 85.08 20.62, 85.05 20.70, 84.95	Maint. of Dams
Strengthening	Core Area: Maintenance of fire lines and firebreaks.	16.2.6	8.4	2.50	221.00	200,000 Maintenance of fire lines and firebreaks. * 1000.000 = 200000.000 20,000 procurement of Fire Blowers * 40000.000 = 800000.000 1,000 Pol for Fire Blower for 4 month (Satkosia WL) * 100000.000 = 100000.000	1000.000 40000.000 100000.000		11.00	20.57, 84.83 20.62, 85.01 20.61, 85.04 20.61, 85.06	Maintenance of fire lines and firebreaks. procurement of Fire Blowers Pol for Fire Blower for 4 month (Satkosia WL)
Strengthening	Core Area: Maintenance of fire watch tower.	16.2.4	7.2.6.1	2.0	4.00	2,000 Repair / Maintenance of Watch Tower * 50000.000 = 100000.000 2,000 Maintenance of Existing Watch Tower * 50000.000 = 100000.000	50000.000 50000.000		2.00	20.62, 84.90 20.57, 84.86 20.34 84.47 20.24 84.49	Repair / Maintenance of Watch Tower of Satkosia WL Division & Mahanadi WL Maintenance of Existing Watch Tower
Strengthening	Core Area: Maintenance of kuccha roads	16.2.2	7.2.6.1	1.0	20.00	20,000 Maintenance of Kuccha Road * 10000.000 = 200000.000	10000.000		2.00	20.51, 84.87 20.52, 84.86 20.57, 84.84 20.57, 84.79	Maintenance of Kuccha Road, Satkosia-15 Kms., Mahanadi-5 Kms.
Strengthening	Core Area: Maintenance of road network.	16.2.2	7.2.6.1	33.60	80.00	50,000 Repair and maintenance of forest roads (Satkosia) * 42000.000 = 2100000.000 20,000 Repair and maintenance of forest roads (Mahanadi) * 84000.000 = 1680000.000	42000.000 84000.000		37.80	20.57, 84.74 20.62, 84.90 20.70, 84.84 20.65, 84.94 20.61, 84.61 20.66, 84.78 20.35 84.41 20.28 84.44	Repair and maintenance of forest roads (Satkosia) Repair and maintenance of forest roads (Mahanadi)
Strengthening	Core Area: Construction of (patrolling camp, culverts).	16.2.1	7.2.6.1	8.5	2.00	2,000 Repair & Maintenance of existing Anti-Poaching Camp * 50000.000 = 100000.000	50000.000		1.00		Repair & Maintenance of existing Anti-Poaching Camp
Mainstreaming wildlife concerns	Core Area: Monitoring of wild animals.	16.10.1.3	8.3	3.0	3.00	3,000 Conducting Census for Phase-IV monitoring etc * 100000.000 = 300000.000	100000.000		3.00		For Tiger Estimation in Phase - IV monitoring programme in Landscape (Satkosia-2 Nos., Mahanadi-1 Nos)
Staff Development	Core Area: Capacity building and training.	16.8.1	7.2.6.1	2.0	51.00	2,000 Training and capacity building * 75000.000 = 150000.000 2,000 Exposure visit the other Tiger Reserve * 75000.000 = 150000.000 1,000 Training and capacity building of Field Staff & Squad personnel in Mahanadi WL * 200000.000 = 200000.000	75000.000 75000.000 200000.000		5.00		To orient, educate and enhance the capacity of frontline staff on Protection and Conservation of Wildlife in the Reserve. Exposure visit the other Tiger Reserve Training and capacity building of Field Staff & Squad personnel in Mahanadi WL
Staff welfare	Core Area: Maintenance of torch batteries	16.16	7.2.6.1	1.0	50.00	50,000 Purchase of 4 cell LED torch / Solar Torch etc. for both Satkosia & Mahanadi WL Division * 2000.000 = 100000.000	2000.000		1.00		Purchase of 4 cell LED torch / Solar Torch etc. for both Satkosia & Mahanadi WL Division

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Habitat Improvement	Core Area: Grass land improvement, wetland improvement	16.3		35.0	190.00	45,000 Maintenance of Grassland in Purunakote RF, Kuru RF, Balanga RF, Raiguda RF of Satkosia WL Division and improvement of Grassland in BPRF of Mahanadi WL Division *35000.000= 1575000.000 70,000 Creation of Meadow (Satkosia-40 ha., mahanadi-30 Ha) * 35000.000 = 245000.000	35000.000 35000.000	40.25	Water bodies: 20.62, 85.04 20.63, 85.03 20.59, 84.32 20.64, 84.77 20.57, 84.86 20.58, 84.86 20.68, 84.90 20.71, 84.87 20.67, 84.83 20.66, 84.81 20.30 84.48 20.29 84.53 20.32 84.43 20.34 84.24 20.34 84.40	To provide perennial water source and water availability round the year the existing water bodies are to be renovated and the deposited earth to be removed to enhance the capacity of the water bodies. Satkosia Tiger Reserve has less area under meadow cover. For better management habitat creation of meadow is very essential as prey base is directly dependent on available of good quality meadows
Habitat Improvement	Core Area: Removal of gregarious plant growth from grasslands	16.3	4.3	7.0	70.00	70,000 Uprooting of gregarious plant growth in Satkosia & Mahanadi WL Division * 10000.000 = 700000.000	10000.000	7.00	20.64, 84.99 20.63, 84.99 20.59, 84.82 20.62, 85.04 20.57, 84.86 20.56, 84.89 20.60, 84.89 20.60, 84.88 20.23 84.57 20.36 84.48	Uprooting of gregarious plant growth in Satkosia & Mahanadi WL Division
Habitat Improvement	Core Area: Weed eradication	16.3	4.3	9.0	425.00	150,000 Eradication of Invasive Weeds * 6000.000 = 900000.000	60000.000	9.00	20.63, 84.94 20.60, 84.88 20.56, 84.88 20.57, 84.86 20.62, 85.04 20.59, 84.82 20.63, 84.77 20.63, 84.99 20.24 84.40 20.36 84.40 20.29 84.53	Removal of Invasive weeds like Eupatorium, Lantana etc. to cover up the area with palatable grasses
Co-occurrence agenda in buffer	Core Area: Co-occurrence agenda in buffer and fringe areas (landscape approach, sectoral integration, ecologically sustainable development programmed, livelihood options and eco-tourism) (new activity in case of tiger reserves where buffer has not been notified so far).	16.5		23.50	102.00	100,000 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 * 2500.000 = 250000.000 1,000 Incentive to EDC * 200000.000 = 200000.000 1,000 Provision of alternative livelihood for socio economic upliftment of the local people through convergence of other departments and incentive to EDC for protection / conservation activity. Provision of fuel efficient chulla to minimize pressure of fuel wood on forest & providing solar facility to buffer villages * 270000.000 = 270000.000	25000.000 200000.000 270000.000	31.50		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 Incentive to EDC in Satkosia Provision of alternative livelihood for socio economic upliftment of the local people through convergence of other departments and incentive to EDC for protection / conservation activity. Provision of fuel efficient chulla to minimize pressure of fuel wood on forest & providing solar facility to buffer villages of Mahanadi WL
	Total (Recurring):							443.64		

(Rs. In Lakhs)

S. No.	Items	Sanction	Central Assistance
1.	Non-Recurring (60%)	369.62	221.77
2.	Recurring (50%)	443.64	221.82
	Total	813.26	443.59

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(Rs. In Lakhs)

Cost of APO including State's share	A	813.26
Center's share in APO	B	443.59
1 st release @ 80% of Center's share	$C=0.8*B$	354.872
Less: Unspent balance FY 16-17	D	51.43
Adjusted 1 st release	$E=C-D$	303.442
2 nd release @ 20% of Center's share	$F=0.2*B$	88.718

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

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