

No. 4-1(19)/2020-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 10th June, 2020

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 Sunderban Tiger Reserve, West Bengal during 2020-21 –reg.**

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Sunderban Tiger Reserve, West Bengal at the cost of **Rs. 890.94 Lakhs (Rupees Eight hundred Ninety lakhs Ninety Four thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 404.10 Lakhs (Rupees Four hundred Four lakhs Ten thousand only)** being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India** and **Government of West Bengal**. 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 West Bengal.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 53.97 lakhs (Rupees Fifty Three lakhs Ninety Seven thousand only)** as the 1st installment of Central Share towards the Grants-in-aid to Government of West Bengal during the current financial year 2020-21. 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 **Sunderban Tiger Reserve** under the Project Tiger Scheme are not higher than those applicable to similar categories of employees of Central Government and where it is not in accordance with above, the relaxation of Ministry of Finance have been obtained for such discrepancies as required under GFR 230(12)(I).
- (iv) Assets acquired wholly or substantially out of Government Grants shall not be disposed off without obtaining the prior approval of the sanctioning authority of Grants-in-aid.
- (v) The **Government of West Bengal** 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.

SP 10/6/20

- (vi) The accounts of the **Sunderban Tiger Reserve** shall be audited by C&AG or by any person authorized by him on his behalf in accordance with the provisions laid down in Section 14 of the C&AG (DPC) Act, 1971 as amended from time to time.
- (vii) The accounts of the Project Tiger Scheme shall be open for inspection by the sanctioning authority and audit, both by the Comptroller & Auditor General of India under the provision of C&AG (DPC) Act, 1971 and internal audit party by the Principal Accounts Office of the Ministry whenever it is called upon.
- (viii) The Utilization Certificate against the earlier funds released under Grants-in-aid have been received and accepted by the competent authority.
- (ix) Government of West Bengal in respect of **Sunderban Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2020.
- (x) **Sunderban 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 West Bengal** 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 2020-21 and unspent balance, if any, will be refunded by **Government of West Bengal** to the **Govt. of India**.
- (xiii) Government of West Bengal in respect of **Sunderban 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 **Sunderban 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 (**Sunderban Tiger Reserve**) and **Government of West Bengal**.
- (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 DWH 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 and no duplication of work is done under any scheme.
- (xxii) Payments are made by bank transfer and no cash payment is to be made.
- (xxiii) Funds for POL / maintenance of vehicles would be admissible only for the vehicles purchased from CSS funds.
- (xxiv) Compensation for loss due to wildlife is to supplement the State Government fund as per the rules of State Government.
- (xxv) Funds released under the scheme shall not be diverted for any activity other than specified herein.
- (xxvi) As the TCP of **Sunderban Tiger Reserve** has finalized, therefore funds to be spent only on approved items in TCP.
- (xxvii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.

Sf. 10/6/20

- (xxviii) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- (xxix) Evidence of deposit of GST/TDS/Service Tax in case of contract payment and leviable goods are sent along with UC and compliance of DBT scheme has to be ensured in all payment.
- (xxx) In case of employment through contract, copy of PF & ESI contributions of employees shall be obtained wherever applicable.
- (xxxi) All measurable outcome of this grant must be mentioned in the sanction order and UC is to be submitted as prescribed in GFR 2017 – Form GFR 12-C.
- (xxxii) If the implementing agency does not use the fund for the purpose for which it was given, it has to refund the same with interest.
- (xxxiii) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under of Central/State Government.
- (xxxiv) The sanction order must mention measurable physical parameters and all measurable parameters are to be adhered to.
- (xxxv) The fixed asset created out of this grant shall not be disposed off without approval of this Ministry.
- (xxxvi) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or C&AG.
- (xxxvii) All guidelines under the project is to be followed scrupulously.
- (xxxviii) The UC with physical progress report and satellite photo with physical deliverable with date and latitude – longitude coordinates before and after completion of work be obtained of each tiger reserve and uploaded on the website of the implementing agency as well as the Ministry for public access.
- (xxxix) The measurable outcome under the project (quantified) in terms of number of tigers in tiger reserve, eco-tourism in tiger reserve, %age decrease in man-animal conflict etc., may also be submitted in the progress report.
- (xl) All labour payments strictly by DBT.

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

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

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

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

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

8. The expenditure incurred is adjustable to the Demand No. 25 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2020-21 :

SF 10/6/20

Scheme	Budget Head	Amount (Rs. in lakhs)
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	43.18
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	5.39
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	5.40
Total		53.97

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 135556 /AS&FA (PG) dated 05.06.2020.

Yours faithfully,

Sf. 10/6/20
(Surender Mehra)

Deputy Inspector General of Forests (PT)

Copy to:-

1. The Secretary (Forests), Govt. of West Bengal. A copy of the detailed sanction letter issued by the State Government in respect of this scheme for 2020-21 may kindly be furnished to this Ministry immediately.
2. The Secretary (Finance), Govt. of West Bengal.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of West Bengal.
4. The Field Director, Sunderban Tiger Reserve, West Bengal.
5. The Accountant General, West Bengal.
6. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
7. IG, NTCA Regional Office, Guwahati.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.

Sf. 10/6/20
(Surender Mehra)

Deputy Inspector General of Forests (PT)

FORMAT OF ANNUAL PLAN OF OPERATION , SUNDARBAN TIGER RESERVE, WEST BENGAL, 2020-21

FOR SEEKING CENTRAL ASSISTANCE UNDER CENTRALLY SPONSORED SCHEME-PROJECT TIGER

(Rs. In

Lakhs)

SL. No.	Item	Para No. of CSS-PT Guidelines/Para of TCP	Previous year Details				Current year Proposal			Justification /Remarks	
			Location /GPS coordiantes	Physical		Financial		Location /GPS cocordiantes	Physical Target		Financi al Target
				Target	Achiev ement	Target	Achievement				
NON-RECURRING (NR)											
CORE											
1	Anti-Poachin g- Establishing and maintenance of existing patrollin g camps/c howkis and deployment of camp labourer s for patrollin g	16.1.3	N21°41' 0.21" E 88°44' 0.15" N21°43' 32.63" E 88°46' 59.80" N21°51' 37.21" E 88°54' 49.69" N21°43' 32.51" E 88°58' 43.50" N21°50' 38.92" E 88°58' 25.64" N21°55' 8.55" E 88°44' 48.30" N22°5' 32.62" E 88°46' 0.69"	12	12	53.87	N21°41' 2.20" E 88°43' 58.74" N21°43' 32.25" E 88°47' 0.70" N21°55' 8.80" E 88°44' 47.84" N22°5' 31.88" E 88°46' 0.27" N21°51' 36.72" E 88°54' 50.86" N21°43' 33.90" E 88°58' 43.70" N21°50' 39.94" E 88°58' 26.66"	14	60.00	To ensure better protection and control poaching, (1. compond levelling in diffrent camps under NPW & NPE Range. 2. Construction of new jetty at Kendo. 3. Embankment protection work with bamboo piling in diffrent camps under NPW & NPE Range. 4. Compound fencing all over core area 5. Construction of new approach C.C.path/ drain in diffrent camps under NPW & NPE Range. 6.Maintennecce of Floating camps/Boats.(GPS Location of permanenet camps has been mentioned , Floating camps and Baots will be located at diffrent locality at diffrent times , So giving a particular GPS location is not possible)	
						53.37					
2	Anti-Poachin g- Procurement of arms & ammunit	16.1.10	Entire STR	5	0	3	Entire STR	4	1.00	To ensure better protection and control poaching (Maintenance of Arms)	
						0.00					

SP. 10/6/20

3	Anti-Poaching- Procurement of field gear, night vision device etc.	16.1.15	Entire STR	49	0	7.6	0.00	Entire STR	20	3.00	To ensure better protection and control of poaching (Procurement of night vision devices , Binocular, GPS Device , torchs/ spot lights , Walkie- talkie - 40 unit)
4	Anti-Poaching- Procurement of vehicles , Boats etc.	16.1.14	Entire STR	1	0	20	0.00	Entire STR	1	20.00	To be placed at the vulnerable camps in NPW & NPE Range of STR (Procurement of Launch / Speed Boat)
5	Strengthening- Creation of fire lines and firebreaks	16.2.6	Kendo , Bagmara and Champta (N21°41' 0.21" E 88°44' 0.15" N21°43' 32.51" E 88°58' 43.50" 'N21°51' 37.21" E 88°54' 49.69")	3	3	3.96	3.96	Chandkhali, Haldibari and Netidhopani (N21°50' 41.01" E 88°58' 29.05" N21°43' 44.01" E 88°47' 01.02" 'N21°55' 07.01" E 88°44' 52.05")	3	4.00	For Wildlife movement monitoring (Observation line)
6	Strengthening- Creation of Road Network	16.2.2	N21°43' 32.63" E 88°46' 59.80" N22°5' 32.62" E 88°46' 0.69" N21°51' 37.21" E 88°54' 49.69"	3	0	1.65	0.00	N21°41' 01.03" E 88°43' 59.04" N21°50' 39.02" E 88°58' 26.01" N21°51' 36.01" E 88°54' 49.03"	3	1.80	For increase the effectiveness in protection duty by minimizing movement time.
7	Strengthening- Establishing E-Surveillance	16.2.15	All over core	10	9	6	5.85	All over core	8	6.00	Incorporation of modern technique to have better protection strategy (Replacement and procurement of mobiles for e-Patrolling /M-Strip. Payment of Soft ware applications, Procurement of C. C. TV camera for 10 Nos. for permanent and temporary camps)

SP-10/6/20

<u>8</u>	Strengthening-Procurement of Hardware	16.2.10	Entire STR	14	3	4.97	0.97	Entire STR	10	2.00	Incorporate modern technique to have better protection strategy 1)Desk Tops/ Laptops in Ranges & Division= 7 nos 2) Printers & Scanner= 7 nos
<u>9</u>	Strengthening-Procurement of Software	16.2.10	Entire STR	1	0	1	0.00	Entire STR	1	1.00	Incorporate modern technique to have better protection strategy(Windows feasible OS and MS Office & antivirus)
<u>10</u>	Addressing man-animal Conflict-Procurement of cage to catch problematic animals	16.4.1.3	Entire STR	2	1	3.75	1.25	Entire STR	2	3.00	For reducing man-animal conflict & controlling of stray animal
<u>11</u>	Addressing man-animal Conflict-Procurement of tranquilizing equipments, darts, rescue vehicles , drugs	16.4.1.4	Entire STR	14	0	3.06	0.00	Entire STR	10	2.00	For reducing man-animal conflict & controlling of stray animal
<u>12</u>	Tiger Safari-Establishing of Tiger Safari, interpretation and awareness centers under the existing component of co-occurrence agenda in buffer and fringe areas	16.21	Entire STR	5	5	22	21.93	Entire STR	5	22.00	For reducing man-animal conflict & controlling of stray animal(Cration & Maintenance of Nylon Net Fencing of Approx. 5 km (including procurement of Nylon rope)

SF 7076/20

<u>13</u>	Research and Field Equipments- Day to day monitoring of Wild animals.	16.7	Entire STR	200	210	44		Entire STR	80	17.60	For monitoring, strategy making & research regarding flora, fauna and socio-economic picture (Procurement of camera trap and accessories = 80 nos @ Rs. 22000/per unit)
							43.61				
<u>14</u>	mainstreaming wildlife concerns- Capturing problematic and aberrant wild animals	16.10.1.2	Entire STR	2500	2473	67.5		Entire STR	2500	59.60	Wild Life monitoring and observation, for betterment of protection (Hiring of man power 3000 man days @ Rs- 247/days = Rs- 741000.00 (Approx) and Hiring of Vehicle/Water Craft & POL - 30Nos. @ Rs- 173975/per year(Approx) =Rs- 5219250.00
							67.20				
<u>15</u>	Mainstreaming wildlife concerns- Habitat improvement measures	16.10.1.5	N21-43' 32.10" E 88-46' 59.5" N21-43' 32.51" E 88-58' 43.50" N21-55' 8.55" E 88-44' 48.30"	10	10	8		N21-43' 30.09" E 88-58' 41.11" N21-51' 34.07" E 88-54' 52.12" N21-50' 41.07" E 88-58' 28.04" N21-55' 06.05" E 88-44' 54.22" N21-43' 44.05" E 88-46' 59.02" N21-41' 01.01" E 88-44' 02.05"	10	3.00	Wild Life monitoring and Habitat (Improvement/maintenance of sweet water pond- 4 Unit and habitat management activity - 2 Unit =6 Unit @ Rs. 50,000/Unit(Approx) 6 unit of activity in 6 locations .
							8.00				
<u>16</u>	Staff Development - Dissemination workshops	16.8.6	Entire STR	4	0	3.3		Entire STR	1	1.00	Development of skills among the staff
							0.00				

SP
10/6/20

<u>17</u>	Staff Development - Provisioning Project Allowance and Special incentives	16.8.2	Entire STR	173	173	16.21	15.75	Entire STR	173	16.46	Support to frontline staff (1. FD/STR -1 Head x 12 month x Rs- 2,000/month=24,000.00 2)DFD/STR-1 Head x 12 month x 1500.00/month=Rs-18000.00 3) AFD/STR -2 Head x 12 month x Rs-1300/month =Rs-31,200.00 4) Range Officer & others -15 Heads x 12 month x Rs-1,000/month =Rs-1,80,000.00 5) Vet Officer -1 Heads x 12 month x Rs-1300/month =Rs-15600.00 6) DR/FR and others - 28 Heads x 12 month x Rs-900 /month =Rs-302400.00 7) FG & Below -95 Heads x 12 month x Rs-700/month =Rs-798000.00 8) Packaged Daily Labours -33 Heads x 12 month x Rs-700 /month =Rs-277200.00)
<u>19</u>	Staff Development - Study tours for appraisal for good practices in other reserves	16.8.5	Entire STR	3	0	1.8	0.00	Entire STR	2	1.00	Development of skills among the staff
<u>20</u>	Staff Welfare- Provision for Ration Allowance to eligible staff	16.16	Entire STR	157	157	16.2	15.27	Entire STR	157	16.20	Support to frontline staff , Eligible staff 157 Heads x 12 month x RS-860/month =16.20 Lakh Last year number of staff calculation was done accordingly by the actual sanctioned post but most of the posts are now vacant , necessary correction has been incorporated

SP
7/6/20

<u>21</u>	Staff Welfare-Supply of Field Kit	16.16	Entire STR	6	0	3.3	0.00	Entire STR	6	4.00	Support to frontline staff
<u>22</u>	Staff Welfare-Supply of Kerosine/LPG in camps	16.16	Entire STR	4	4	3	1.74	Entire STR	4	2.00	Support to frontline staff
<u>23</u>	Staff Welfare-Supply of Medicine	16.16	Entire STR	8	0	2	0.00	Entire STR	8	2.00	Support to frontline staff
<u>24</u>	Rehabilitation package - Housing and related community welfare		JFMC area	40	5	22.5	3.50	JFMC area	5	5.00	For confidence building , Activity-Re-digging of pond/ irrigation channel , maintenance/creation of village road , construction of new approach roads , compound levelling works & maintenance of jetties under JFMC area , Physical unit 5 Nos@ Rs.100000/ per unit(Approx)
<u>25</u>	Fostering Tourism - Activities for reducing human tiger interface conflict	16.17	JFMC area	40	4	6	1.76	JFMC area	20	3.00	Activities for reducing dependency on natural resources, Alternative Livelihood Creation to the JFMC members , Capacity building through training of JFMC Members 20 Nos. @ Rs. 15,000/ per unit
<u>26</u>	Fostering Tourism - Activities for reducing resource dependency	16.17	JFMC area	15	26	9.9	9.90	JFMC area	5	4.00	Alternative Livelihood Creation to the JFMC members, JFMC wise Apiary/Composit Fish culture 10 Nos @ Rs-80000/ per unit =Rs-8,00,000.00

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	TOTAL-					334.57	254.06			260.66	
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BUFFER

27	Anti-Poaching-creation of Wireless Tower	16.2.3	All over buffer STR	20	1	6	0.30	All over buffer STR	40	5.00	For controlling of poaching & WL conservation (40 units of battery, rt sets and accessories, camera for wildlife monitoring) As RT Sets / Wireless towers are in boats / floating camps , GPS location is not possible.
28	Anti-Poaching-Establishing of patrolling Camps/ Chowkis/Buildings	16.1.3	N22°7' 26.15" E 88°49' 48.63" N22°5' 52.72" E 88°53' 46.42" N21°59' 25.41" E 88°45' 26.36", N22°6' 3.94" E 88°48' 4.69", N22°11' 20.14" E 88°57' 32.93", N22°12' 28.22" E 89°1' 11.28", N22°3' 16.38" E 88°59' 21.14" N22°4' 39.46" E 89°1' 46.02",	15	15	60	48.88	N22°7' 26.15" E 88°49' 48.63" N22°5' 52.72" E 88°53' 46.42" N21°59' 25.41" E 88°45' 26.36" N22°6' 3.94" E 88°48' 4.69" N22°11' 20.14" E 88°57' 32.93" N22°12' 28.22" E 89°1' 11.28" N22°3' 16.38" E 88°59' 21.14" N22°4' 39.46" E 89°1' 46.02" N21°59'	15	45.00	For controlling of poaching & WL conservation (Maintenance and Fuel of Boats / Floating Camps) (GPS location of permanent camps has been given , GPS location of Boats / Floating camps not possible since floating camps has to be placed at strategic locations depending on situation on field)

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11/11/20

			N21°59' 13.86" E 88°58' 17.51" ,N22°11' 1.9" E 89°3' 16.6" , N22°9' 31.35" E 88°55' 16.42"					13.86" E 88°58' 17.51" ,N22°11' 1.9" E 89°3' 16.6" N22°9' 31.35" E 88°55' 16.42"			
29	Strengthening- Creation of Dams	16.2.5	N22°4' 39.46" E 89°1' 46.02" , N22°3' 16.38" E 88°59' 21.14" ,N21°59' 13.86" E 88°58' 17.51" ,N21°59' 25.41" E 88°45' 26.36" ,N22°5' 52.72" E 88°53' 46.42"	5	5	15.12	13.76	N21°59' 13.01" E 88°58' 17.02" N22°3' 17.01" E 88°59' 19.04" N22°04' 42.01" E 89°01' 50.11" N22°12' 30.02" E 89°01' 11.06" N22°06' 09.02" E 88°48' 05.01" N22°07' 41.01" E 88°49'17.0 2"	6	15.00	Strengthening of Infrastructure for WL Conservation
30	Strengthening- Upgradation of Road Network	16.2.2	N22°7' 26.15" E 88°49' 48.63" , N22°5' 52.72" E 88°53' 46.42" , N21°59' 25.41" E 88°45' 26.36" , N22°6' 3.94" E 88°48' 4.69" , N22°11' 20.14" E 88°57' 32.93" , N22°12' 28.22" E 89°1' 11.28"	8	8	29.04	15.76	N22°07' 24.01" E 88°49' 46.03" , N22°05' 51.02" E 88°53' 45.06" , N22°06' 05.09" E 88°48' 04.03" , N21°59' 20.01" E 88°45' 16.05" , N22°11' 17.10" E 88°57' 32.93" , N22°11' 02.06" E 89°03'	8	10.00	Strengthening of Infrastructure for WL Conservation

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			N22 3' 16.38" E 88 59' 21.14", N22 4' 39.46" E 89 1' 46.02"					12.95", N22 09' 32.08" E 88 55' 16.04", N22 04' 39.96" E 89 01' 46.92"			
31	Addressing man-animal Conflict-Deploy ment traps, cages to catch problematic animals	16.4.1.3	ALL OVER STR	20	3	6.05	1.68	ALL OVER STR	20	5.00	Dealing with tiger straying
32	Addressing man-animal Conflict-Payment of compensation	16.4.1.1	ALL OVER STR	1	1	4	4.00	ALL OVER STR	1	4.00	Compensation to the Tiger Victims etc.
34	mainstreaming wildlife concerns-Anti-poaching operations.	16.10.1.4	ALL OVER STR	40	39	49.87	49.82	ALL OVER STR	40	52.00	For controlling of poaching & WL conservation (1. establishing fair weather camps - 3 Unit @ Rs. 3.3 lakh =Rs. 9.9 Lakh, 2. Establishing of floating camps - 5 Unit @ Rs. 1.7 Lakh =Rs. 8.5 Lakh., 3. 32 unit of patrolling teams for 10 days @ Rs. 10500/days = 33.60 Lkch) establishing floating camps required M. Boats , Fuel and equipments etc.)

Sf- 10/10/20

35	mainstreaming wildlife concerns- Reducing man-animal conflict.	16.10.1.1	ALL OVER STR	4	3	60	60.00	ALL OVER STR	4	62.63	Reducing chance of tiger straying in non-forest areas (1. Nylon Net = 12Ton @Rs.2.92 Lakh = 35.04 lakh, 2. Bamboo = 8000 @Rs.275/- =22.00 lakh 3. Labour = 2000 @247/-=4.94 lakh 4. Search lights = 10 nos @Rs.6,500/= 0.65 lakh }
36	Staff Development - Specialized training in management planning	16.8.8	ALL OVER STR	1	0	0.55	0.00	ALL OVER STR	1	0.55	Capacity building
37	Staff Welfare- Supply of Mosquito Net/Field Kit	16.16	ALL OVER STR	18	4	3.78	0.85	ALL OVER STR	20	1.00	Support to frontline staff
38	Eco-Development-Basic Health Care/Health Camps for Staffs.	16.16	ALL OVER STR	35	9	52	11.69	ALL OVER STR	53	25.00	Betterment of fringe villagers (1. Organizing medical camps in JFMC Villages 20 Nos. x Rs. 40,000.00=8.0 Lakh 2. Reddiging of pond /irrigation channel -16unit x Rs.50,000.00= Rs-8.00 lakh (Approx) , 3. Construction of jetty - 1 Unit - 14 Lakh(Approx) , 4. Creation of Water treatment plant - 1 Unit - 14 Lakh(Approx) , 5. Tube -well - 3 Unit x 2.0 Lakh/each =

Sf. W/B/20

												Rs. 6.00 Lakh(Approx)
39	Eco-Develop ment-To carry out prophylactic immunization of cattle in and around Tiger Reserve	16.1	ALL OVER STR	7	7	1.02	0.84	ALL OVER STR	7	1.00		Betterment of fringe villagers - Organizing veteremery camps in fringe villages.
	TOTAL Non-Recurring (Buffer)					287.43	207.58				226.18	
TOTAL -NON-RECURRING(CORE + BUFFER)-												486.84
<u>RECURRING(R)</u>												
<u>CORE</u>												
40	Anti-Poachin g-Deploy ment of anti-poachin g squads.	16.1.2	Entire STR	4020	3987	128.64	127.87	Entire STR	4020	135.78		To ensure better protection and control poaching , (1.Hiring of 4 Cylinder M. Boat /Vehicle including fuel - 30 Nos. @ Rs. 320000/ per year =Rs-9600000.00 (Approx.) , 2. Hiring of 1 Cylinder M. Boat including fuel -30 Nos. @ Rs. 1,00,000.00/ per year =Rs. 30,00,000.00 (Approx.) , 3. Hiring of man power for assisting permanent staff in patrolling and other govt. duty -3960 man days @ Rs-247/man days = Rs. 9,78,120.00 . (higher allocation is
<i>SP = 02/6/20</i>												

											needed for increasing patrolling in cretical areas and increase in cost of hiring of man power , fuel and Hiring of water crafts) Special emphasis to patrolling in International boundary along with BSF & Coastal police.
41	Anti-Poaching-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 prescribed	16.1.4	Entire STR	16	15	77.8	67.26	Entire STR	15	76.35	To ensure better protection and control poaching, 16 No. of Squad - Each squad contains - Hiring of 1 No. Man power for assisting staffs - per squad X 26 days x 12 month = 312 @ 247/man days =Rs- 0.77 lakh (Approx) and Hiring of water craft including fuel 1 No. per squad x 30 days x 12 month =360 Nos. @ Rs.1200 /per day =Rs-4.32 lakh , So total per squad = 5.09 x 15 squad = Rs. 76.35 lakh)
42	Anti-Poaching-Legal support for defending court cases	16.1.13	Entire STR	1	0	1	0.00	Entire STR	1	0.50	Helping in procecuotion of Wild Life Offender

SP
et. 10/10/20

43	Anti-Poaching- Maintenance of vehicles, Boats	16.1.14	Core area	7	3	9.9	1.47	Core area	7	5.85	For maintaining the Deptt. Boat/Launches Overhauling engine/body of motor launches/boats 3 x 225000= 675000 and yearly maintenance of speed boats = 4 x 90000 = 360000
44	Anti-Poaching- Maintenance of existing patrolling camps/howkis and deployment of camp labourers for patrolling	16.1.3	N21-43' 32.51" E 88-58' 43.50", N21-51' 37.21" E 88-54' 49.69", N21-43' 32.63" E 88-46' 59.80", N21-41' 0.21" E 88-44' 0.15"	4	4	4.4	4.39	N21-43' 32.51" E 88-58' 43.50", N21-51' 37.21" E 88-54' 49.69", N21-43' 32.63" E 88-46' 59.80", N21-41' 0.21" E 88-44' 0.15"	4	4.45	To ensure better protection and control poaching engagement of camp labours in 4 camps x3 labours / camp x 150 days =1800 man days @ Rs.247/man days = 444600.00
45	Anti-Poaching- Maintenance of wireless tower	16.2.3	N21-43' 32.51" E 88-58' 43.50", N21-51' 37.21" E 88-54' 49.69", N21-43' 32.63" E 88-46' 59.80", N21-41' 0.21" E 88-44' 0.15"	4	4	1.1	0.86	N21-43' 32.51" E 88-58' 43.88", N21-50' 40.01" E 88-58' 25.89", N21-41' 01.03" E 88-43' 58.88", N21-43' 32.11" E 88-46' 59.02"	30	4.00	To ensure better protection and control poaching , Strengthening of RT structure (30 units of battery, RT sets and accessories for wildlife monitoring) for better communication between camps.
46	Anti-Poaching- Organizing surprise raids jointly with the local police (in railway stations, local trains,	16.1.6	Entire STR	10	0	2	0.00	Entire STR	10	1.00	To ensure better and effective antipoaching mechanism

SP 7/16/20

	bus-stops, buses, catchers and cafeteria)										
47	Anti-Poaching-Rewards to informers	16.1.12	Entire STR	1	1	1	0.30	Entire STR	1	1.00	To maintain information network and thus have effective protection measures.
48	Strengthening-Maintenance of (Patrolling camp, culverts): Repairing Jetties, Swiss-Gate	16.2.1	N22°5' 32.62" E 88°46' 0.69" N21°55' 8.55" E 88°44' 48.30" N21°41' 0.21" E 88°44' 0.15" N21°51' 37.21" E 88°54' 49.69" N21°43' 32.51" E 88°58' 43.50" N21°50' 38.92" E 88°58' 25.64"	6	6	15.15	14.88	N21°40' 57.02" E 88°43' 59.09" N21°55' 11.05" E 88°44' 44.03" N22°05' 28.01" E 88°45'57.95" N21°43' 35.04" E 88°58' 44.09" N21°50' 37.01" E 88°58' 24.02" N21°51' 38.92" E 88°54' 49.04"	6	15.00	Strengthening Infrastructure for better management - Repairing of jetties, Swiss-Gate
49	Strengthening-Maintenance of earthen dams	16.2.5	N21°43' 32.63" E 88°46' 59.80" N21°41' 0.21" E 88°44' 0.15" N21°50' 38.92" E 88°58' 25.64"	3	1	5	5.00	N21°51' 36.03" E 88°54' 46.89" N21°43' 33.01" E 88°58'44.95" N21°41' 01.02" E 88°44' 02.04" N21°55' 07.03" E 88°44'46.89"	4	6.00	Strengthening Infrastructure for better management

SP-10/6/20

50	Strengthening-Maintenance of earthen ponds	16.2.7	N21-43' 32.51" E 88-58' 43.50" N22-5' 32.62" E 88-46' 0.69" N21-55' 8.55" E 88-44' 48.30" N21-51' 37.21" E 88-54' 49.69" N21-50' 38.92" E 88-58' 25.64" N21-41' 0.21" E 88-44' 0.15"	6	4	3	2.99	N21-41' 00.02" E 88-44' 00.06" N21-43' 32.02" E 88-47' 00.09" N21-55' 08.95" E 88-44' 49.02" N21-51' 37.11" E 88-54' 48.09" N21-50' 38.92" E 88-58' 25.04" N21-43' 32.11" E 88-58' 42.05"	6	3.00	Strengthening Infrastructure for better management
51	Strengthening-Maintenance of Fire Watch Tower	16.2.4	Champta, Netidhopani, Bagmara, Haldibari - N21-51' 37.21" E 88-54' 49.69" N21-55' 8.55" E 88-44' 48.30" N21-43' 32.51" E 88-58' 43.50" N21-43' 32.63" E 88-46' 59.80"	4	0	5	0.00	Kendo, Haldibari Chandkhali, Bagmara, N21-41' 01.02" E 88-44' 03.09" N21-43' 48.05" E 88-46' 59.01" N21-50' 41.11" E 88-58' 29.06" N21-43' 29.03" E 88-58' 42.10"	4	2.50	Strengthening Infrastructure for better management
52	Strengthening-Maintenance of Kuccha Roads	16.2.2	21°40'57.6 5"N, 88°43'59.6 4"E ,21°40'59.8 3"N, 88°44'0.50" E	2	2	5	4.49	N21°41'02. 01" E88°43'58. 04" N21°50'39. 03" E88°58'26. 06"	2	5.00	Strengthening Infrastructure for better management
53	Strengthening-Maintenance of Road Network	16.2.2	21°55'8.44"N , 88°44'49.50" E, 21°55'9.74"N , 88°44'50.34" E 21°50'40.00" N, 88°58'26.30" E 21°51'37.10" N, 88°54'47.90" E 21°43'33.20"	6	4	3.3	3.29	N21°41'00.0 4" E88°44'00.01 " N21°43'36.0 5" E88°47'00.02 " N21°55'08.0 1" E88°44'48.13 " N21°51'35.9 2" E88°54'47.90 " N21°50'38.0	6	3.30	Strengthening Infrastructure for better management

SP-70/6/20

			N, 88°58'46.50" E 21°50'37.90" N, 88°58'25.20" E					5" E88°58'24.95 " N21°43'32.9 0" E88°58'44.07 "			
54	Strengthening-Map digitization facility for management planning	16.2.13	Entire STR	2	0	0.5	0.00	Entire STR	4	1.00	for better planning & management
55	Staff Development - Specialized training in jurisprudence and wildlife forensics	16.8.4	Entire STR	2	2	1	0.78	Entire STR	2	1.00	Capacity building of existing staff for HRD
56	Staff Welfare-Maintenance of Torch/Batteries	16.16	Entire STR	50	0	1	0.00	Entire STR	50	1.00	For better protection
	TOTAL-					264.79	233.5903			266.73	
BUFFER											
57	Anti-Poaching-Maint. of wireless Network	16.2.3	Buffer area	2	0	0.55	0	Buffer area	3	0.90	To ensure better protection and control poaching
58	Anti-Poaching-Deployment of local work force for patrolling surveillance of water holes, manning barriers	16.1.9	Buffer area	5878	5844	14.46	14.33	Buffer area	6000	14.82	To ensure better protection and control poaching and reducing human animal conflict. Hiring - Deploying Local JFMC members for patrolling, camp protection and

SP 7/26/20

												maintenance and maintenance of Nylon Net Fencing over 105 Km all over the buffer area of STR in 6000 man days @ Rs-247/mandays = 14.82
59	Anti-Poaching Maintenance of arms and ammunition	16.1.10	STR	1	0	0.55	0.00	STR	1	0.55		To ensure better protection and control poaching
60	Strengthening Maintenance of (Staff Quarters, family hostels, office improvement, house keeping buildings, museum)	16.2.1	22°11'39.10"N, 88°57'37.40"E – Bagna – 2 Unit, 22°11'39.80"N, 88°57'38.00"E – Bagna-1 unit, 22°4'38.10"N, 89°1'45.71"E – Burirdabri 1 unit, 22°11'19.10"N, 88°57'32.80"E – Jhila – 2 Unit, 22°12'26.50"N, 89°1'11.50"E – Jhingekhali -1 Unit, 22°12'27.50"N, 89°1'10.80"E – Jhingekhali-1 unit, 22°3'15.60"N, 88°59'22.10"E – Khatuajhuri -2 unit, 22°5'52.03"N, 88°53'47.32"E – Duttar-1 unit, 22°	18	4	30	8.69	N22°11'39.10", E88°57'37.40" Bagna – 2 Unit, N22°11'39.80", E88°57'38.00" – Bagna-1 unit, 22°N 22°11'19.10", E88°57'32.80" – Jhila – 2 Unit, N22°12'26.50", E89°1'11.50" – Jhingekhali -1 Unit, N22°12'27.50", E89°1'10.80" – Jhingekhali-1 unit, N22°3'15.60", E88°59'22.10" – Khatuajhuri -2 unit, N22°07'24.10", E88°49'50.02" – SIC/SWLS-1 unit, N22°5'52.03", E88°53'47.32" – Duttar-1	18	20.00	Strengthening Infrastructure for better management - Maintenance of Staff barracks all over the buffer area, House keeping at Sajnekhali & Jhingekhali and Maintenance of SIC, Sajnekhali and BSF barack and Santri Tower at Khatuajhuri - 18 Unit	

SP-107/10/20

			7'27.60"N, 88°49'48.0 0"E – Sajnekhali- 1 unit , 21°59'20.1 9"N, 88°45'17.3 8"E- Dobanki-1 unit , 21°59'20.3 6"N, 88°45'17.8 5"E- Dobanki-1. unit, N22°6' 3.94" E 88°48' 4.69"-2 unit Sudhanyak hali, N21°59' 13.86" E 88°58' 17.51"- harikhali- 2unit ,					unit , N22° 7'27.60", E88°49'48. 00" – Sajnekhali- 1 unit , N21°59'20. 19", E88°45'17. 38"- Dobanki-1 unit , N21°59'20. 36", E88°45'17. 85"- Dobanki-1. unit, N22°6' 3.94" E88°48' 4.69"-2 unit Sudhanyak hali, N21°59' 13.86" E 88°58' 17.51"- harikhali- 2unit			
61	Strengt hening- Mainta nance of kuccha roads	16.2.2	22°11'27.10" N, 88°55'59.40" E, 22° 4'41.50"N, 89° 1'48.30"E ,21°59'17.10 "N, 88°58'17.90" E, 21°59'19.42" N, 88°45'15.42" E, 22° 5'53.20"N, 88°53'44.10" E, 22° 7'24.90"N, 88°49'46.40" E	6	6	5	4.99	N22° 05'50.10" E88° 53'45.02" N22° 07'22.03" E 88° 49'50.04" N22°09'31.1 0" E88°55'15.9 0" N22°11'20.0 2" E88°57'34.0 6" N22°11'03.0 1" E89°03'12.0 2" N22°04'39.9 0" E89°01'47.0 3"	6	5.00	Strengthening Infrastructure for better management

Sf. 10/6/20

62	Strengthening- Maint. of vehicles (Gypsy, Jeep, Track, Tractor, Staff car, etc.	16.2.8	Buffer area	12	4	10.2	3.32	Buffer area	12	8.00	To ensure protection in strategic areas and reducing human-animal conflict - Maintenance of water craft 12 Nos. @ 85000/per item (Maintenance of 3 Nos. departmental launch - Chayan, Bonosova, Bonoraj and 9 Nos. small departmental M. Boat.)
63	Strengthening- Maint. of Wireless Tower	16.2.3	Buffer area	1	1	1.5	0.84	Buffer area	2	2.00	To ensure protection in strategic areas
64	Strengthening- Procurement of compass, range finder, Global Positioning System (GPS), Camera Traps.	16.2.11	Entire STR	30	0	8.05	0.00	Entire STR	30	5.00	To ensure protection in strategic areas (Creation of 20 Operational Unit Contains = 1) Mobile set = 10 @ Rs.12000/- = 1.2 lakh, 2) GPS / Range Finder = 20 @ Rs. 25000/- = 5.00 lakh)
65	Addressing man- animal Conflict- Maint. of tranquillizing equipments and rescue vehicles (items will be in dropdown)	16.4.6	Buffer area	14	9	18.15	7.94	Buffer area	14	15.00	Reducing man animal conflict and controlling of stray animal - POL for 10 Patrolling squad x 12 month = 120 @ Rs- 16850/- = 20.22 lakh
66	Tiger Safari- Estab. of Tiger Safari, interpretation and awareness	16.21	N22°7' 26.15" E 88°49' 48.63" N22°12' 28.22" E 89°1' 11.28" N22°4'	4	4	9.28	9.19	N22°07' 26.15" E 88°49' 45.03" N22°12' 26.02" E89°01' 08.05" N22°04'	4	10.00	Fostering of eco-tourism and creation of awareness - Re digging of pond including maintenance of fencing- 4

SP
10/6/20

	ss centers under the existing component of co-occurrence agenda in buffer and fringe areas		39.46" E 89-1' 46.02", N22-6' 3.94" E 88-48' 4.69"					41.06" E89-01' 47.02", N22-06'06.9 4" E 88-48'05.09"			Nos. @ Rs.250000.00 =10.00 lakh(at Sajnekhali, Jhingekhali, Burirdabri, Sudhanyakhali under Buffer Area)
67	Tiger Safari-Maint. of Tiger Safari, interpretation and awareness centers under the existing component of co-occurrence agenda in buffer and fringe areas	16.21	Buffer area	3	1	12	0.66	Buffer area	3	2.00	Fostering of eco-tourism and creation of awareness 1) Publishing Materials = 4 lakh 2) documentation of STR progs/packages -20 Nos.=4 lakh 3) Cap and T shirts = 4 lakh
	TOTAL-					109.74	49.96			83.27	
TOTAL-RECURRING (CORE + BUFFER) -						374.53	283.55			350.00	
G. TOTAL(NR+R)-						996.53	745.19			836.84	

SP 10/6/20

ADJOINING AREA (ANNUAL PLAN OF OPERATION 2020-21 OF OUTSIDE TIGER RESERVE AREA OF SUNDARBAN TIGER RESERVE, 24 PARGANAS (SOUTH) DIVISION, WEST BENGAL)

(Recurring)

Sl. No.	Item	GPS reading	Quantity	Unit rate (in Lakhs)	Total amount (in Lakhs)
i. Redressing human-animal conflict					
1.	Erection of Nylon Net Fencing in Matla Range, Raidighi Range and Ramaganga Range	N 22 01 13.00 E 088 41 08.69	4 km	3.5	14.00
2.	Repairing of Nylon Net Fencing	N 22 01 13 E 088 41 08.69	10 km	1.0	10.00
3.	Engaging labours for nylon net fence checking to prevent tiger straying (2000 mds @Rs. 260/-)	N 22 01 13.00 E 088 41 08.69			2.60
4.	Installation of solar light to prevent tiger straying in camps, which was damaged bulbul cyclone	N 21 49 49.07 E 088 37 25.25	20	0.25	2.50
ii. Capturing problematic and aberrant wild animals					
1.	Rescue and rehabilitation of wild animals in Matla Range, Raidighi Range and Ramganga Range	N 22 01 09.43 E 088 41 06.06			
	Hiring vehicle			4,40,000	
	Hiring boat, fuel & other material			3,00,000	
	Engaging labourers (1,000 mds Rs. 260/-)			2,60,000	
	Total			10,00,000	5.00
iii. Monitoring of wild animals					
1.	Maintenance of RT network for monitoring patrolling and wild animals in Matla Range, Raidighi Range and Ramganga Range	N 21 49 49.07 E 088 37 25.25	10	0.5	2.50
2.	Monitoring of staff patrolling and duty through E- patrolling software MSTRIPES	N 21 49 49.07 E 088 37 25.25	1	10.0	2.00
iv. Anti-poaching operations					
1.	Hiring vehicles, boats and supply of fuel	N 21 49 49.07 E 088 37 25.25			
	Hiring vehicle (150 @ Rs. 4000/-)			5,00,000	
	Hiring boats (2 no. 365 days@ 1500/-)			10,95,000	
	Purchase of diesel (10,000 lts @ Rs. 65/-)			6,50,000	
	Purchase of petrol (5,000 lts @ Rs. 70/-)			3,50,000	
	Lubricants			5,000	
	Total			26,00,000	5.00
2.	Payment of wages to contractual labours engaged in anti-poaching duties (@Rs. 10,000 per month i.e 120,000 per year)	N 21 49 49.07 E 088 37 25.25	10	1.2	6.00
3.	Secret fund for secret informers				0.50
v. Habitat improvement measures					
1.	Augmentation of spotted deer population at Tiger Ranges	N 21 49 49.07 E 088 37 25.25			4.00
Total Recurring (adjoining Area)					54.10
Total-Recurring (Core + Buffer + Adjoining Area)					404.10

ABSTRACT

Non-Recurring (Core)	260.67
Non-Recurring (Buffer)	226.18
Total Non Recurring (Core + Buffer)	486.84
Recurring (Core)	266.73
Recurring (Buffer)	83.27
Recurring (Adjoining Area)	54.10
Total Recurring (Core + Buffer + Adjoining Area)	404.10
Grant Total (Non Recurring + Recurring)	890.94

Sf. 10/6/20

(Rs. In lakhs)			
S. No.	Items	Sanction	Central Assistance
1	Non-Recurring (60%)	486.84	292.10
2	Recurring (50%)	404.10	202.05
	Total	890.94	494.15

(Rs. In lakhs)		
Cost of APO including State's share	A	890.94
Center's share in APO	B	494.15
1 st release @ 50% of Center's share	$C=0.5*B$	247.07
Less: Unspent balance FY 2019-20	D	193.10
Adjusted 1 st release	$E=C-D$	53.97
2 nd release @50% of Center's share	$F=0.2*B$	247.08

SP. Wb/20