

No. 4-1(49)/2020-PT  
Government of India  
Ministry of Environment, Forest and Climate Change  
Project Tiger Division

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**Dated the 30<sup>th</sup> 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 Orang Tiger Reserve, Assam 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 Orang Tiger Reserve, Assam at the cost of **Rs. 417.97 Lakhs (Rupees Four hundred Seventeen lakhs ninety seven thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 211.70 Lakhs (Rupees Two hundred Eleven lakhs Seventy thousand only)** being the recurring cost of the scheme will be shared on 90:10 basis by the **Government of India and Government of Assam**. The remaining cost of the scheme will be treated as 90% Central Assistance by the Government of India and 10% assistance by the State Government of Assam.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 188.08 lakhs (Rupees One hundred Eighty Eight lakhs Eight thousand only)** as the 1<sup>st</sup> installment of Central Share towards the Grants-in-aid to Government of Assam 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 **Orang 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 Assam** 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 **Orang 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 Assam in respect of **Orang Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2021.
- (x) **Orang 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 Assam** 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 2019-20 and unspent balance, if any, will be refunded by **Government of Assam** to the **Govt. of India**.
- (xiii) Government of Assam in respect of **Orang 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 **Orang 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 (**Orang Tiger Reserve**) and **Government of Assam**.
- (xv) Monitorable outcomes on the item of works contained in the sanction letter both in physical and financial terms are required to be furnished in the monthly report regularly. Compliance status on Tripartite Memorandum of Understanding is required before submission of additional or ensuing year's Annual Plan of Operation (APO).
- (xvi) The expenditure should be limited to the amount released and in no case should be done in anticipation of further release by the Ministry.
- (xvii) The payments of daily wagers should be done through account transfer / account payee Cheques only duly linked with Aadhar Number.
- (xviii) It may please be ensured that there is no duplication of nature and items of work being proposed in the same area under the Centrally Sponsored Scheme of Project Tiger and other Centrally Sponsored Schemes such as Project Elephant, Eco-development and IDWH Schemes etc.
- (xix) The cost estimates worked out by the Field Director should be based on approved schedule of rates of the State Government, with due approval of the competent authority.
- (xx) Approval of the competent authority be obtained and acceptance of UC may be ensured by PD.
- (xxi) The expenditure is incurred as per the allocation of funds.
- (xxii) Payments are made by bank transfer and no cash payment is to be made.
- (xxiii) Funds for POL / maintenance of vehicles would be admissible only for the vehicles purchased from CSS funds.
- (xxiv) Compensation for loss due to wildlife is to supplement the State Government fund as per the rules of State Government.

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- (xxv) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.
- (xxvi) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- (xxvii) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxviii) In case of employment through contract, copy of PF & ESI contributions of employees shall be obtained wherever applicable.
- (xxix) 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.
- (xxx) 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.
- (xxxi) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- (xxxii) The sanction order must mention measurable physical parameters and all measurable parameters are to be adhered to.
- (xxxiii) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxxiv) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or C&AG.
- (xxxv) All guidelines under the project is to be followed scrupulously.
- (xxxvi) 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.
- (xxxvii) 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.
- (xxxviii) All labour payments strictly by DBT.

4. As the annual budget of the Scheme is approved by the Central Government, the Government of Assam 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 Assam under intimation to this Department.

*SP.306/20*

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 :

Scheme	Budget Head	Amount (Rs. in lakhs)
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	188.08
<b>Total</b>		<b>188.08</b>

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 137210/AS&FA (PG) dated 26.06.2020.

Yours faithfully,

*Sf. 30/6/20*  
(Surender Mehra)  
**Deputy Inspector General of Forests (PT)**

Copy to:-

1. The Secretary (Forests), Govt. of Assam. 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 Assam.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Assam.
4. The Field Director, Orang Tiger Reserve, Assam.
5. The Accountant General, Assam.
6. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
7. IGF, 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 30/6/20*  
(Surender Mehra)  
**Deputy Inspector General of Forests (PT)**

Annexure

ORANG TIGER RESERVE, ASSAM  
ANNUAL PLAN OF OPERATION 2020-21

Sl No.	Item of work	Para No. CSS/JT Guideline/s/para of TCP	ANNUAL PLAN OF OPERATION FOR THE YEAR 2020-21						Justification		
			Previous Financial Year			Current Financial Year					
			Physical	Financial	Achievement (takhs)	Physical	Financial	Target (lakhs)			
1	2	3	4	5	6	7	8	9	10	11	12
<b>NON RECURRING (NR)</b>											
<b>CORE</b>											
<b>ANTI-POACHING ACTIVITIES</b>											
1	Establishing patrol camp/st owkies/st aff quarter etc.	16.1.3	1) (Katasali) 26.51 N 92.25 E 2) (Bontapu) 26.54N 92.32 E	2	100%	20	100%	1) 26.554 N 92.356 E (Old Gorabhang camp)	1	16	
Old Gorabhang is a log house in dilapidated condition. There is a need of minimum of Rs.16 lakh/camp to ensure the necessary height and camp cum watchtower facilities which are very much essential for a park which is highly vulnerable to poaching and having a vegetation of vast spread tall grasslands and affected by periodic floods.											

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2	Establishment of Wireless Network	16.1.5	All over OTR	2 Towers, 10 Handsets, 1 No vehicle sets	Towers-0% Handsets-160% Vehicle Sets-0%	7.5	100%	All over OTR	1) Royalty fee to Government of India 2) Construction of towers(1 Nos for range extender with solar power supply @Rs 1 lakh and 1 Nos for base station @ Rs.0.5 lakh
									2:Towers are required for new base stations and range extender to achieve the desired height and solar power supply
3	Procurement of Arms & Ammunitions	16.1.10	N26.58, E002.31	20000ds, Ammunition and Guns Repair	Ammunition-0% Guns Repair-20%	2	12%	All over OTR	1500 rds. of Ammunition Restocking of ammunition for patrolling duties and anti-depreciation activities.

28.3.06/20

4	Procurement Field Gear	16.1.15	All over OTR	250
				85%
				10
			All over OTR	56%
				4.6
				1) 3 Nos of night vision devices 2) 25 Nos Sleeping bags 3)40 Nos Life Jackets
				1) There is a dearth of night vision devices and majority of the poaching incidences occur at night, hence there is a need of 3 night vision devices. 2) Staff are exposed to extreme cold weather during the winter months while temporarily halting at different places tackling straying of wild animals, hence there is need for sleeping bags. 3)There is a requirement of life jackets as a basic life saving essential during the floods of Brahmaputra.

#### STRENGTHENING OF INFRASTRUCTURE

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	16.2.1	Construction of 2x1 m dia humepip e culverts	1 Nos culverts @Rs. 3.845 lakhs/ each culvert	3.85	A new road was constructed in the FY 2019-20 from Hatidepot to the Khoirasali via Baghbari with an elevation above the flood water level for round the year access to these vulnerable camps which would otherwise remain cut-off for 6 months. In order to ensure drainage of the fast flood water towards the near by Pachnoi river through the road and mitigate the damage to the road there is a requirement of 3 Nos of strong 2x1 m dia and 5m long Culverts along the stretch between Hatidepot to Baghbari	
1						
2	16.2.1	Construction of 1 m dia humepip e Culverts	3 Nos of 1 m dia humepipe culverts @ Rs.2 lakh/each	8	The road network of the park is frequently damaged by the flood water of Dhansri River and Pachnoi River. Hence there is a requirement of 4 Nos of 1 m dia humepipe culverts to ensure the safety of road connectivity.	

St. 30612

3	Renovation of Satsimalu Inspection Bungalo w	16.2.1	26.588N 92.314E 26.589N 92.314E 26.588N 92.308E	3	100%	2.1	98%	126.588 N 92.313 E (Range HQ Lock-up) 226.556 N 92.314 E (Elephant Riding Point 1)	1) 1 Nos. Sanitary latrine with running water facility for the lockup by extending the lockup wall @Rs 1.5 Lakh  3) 1 Nos of Toilet facilities for the Tourists with solar water pump facility, overhead tank, washbasin facility @RS2 lakh	LS 26.553 N 92.311 E (Satsimalu IB)	6	Satsimado Inspection Bungallow functions as the camp office of the DD/DFO and the halting place for all the senior officers visiting the Tiger Reserve. It is a very old B and is in need of renovation.
4	Construction of Sanitary Latrine	16.2.1										

SP-20120  
9

5	Hiring of Professional Services for preparation of estimates civil works	16.2.1		All over OTR	All estimates	0.6	<p>There is a requirement for hiring professional engineering services for preparation of estimates of various civil works for efficient constructions and repairs.</p>
6	Creation of road network.	16.2.2		10	100%	20	<p>95%</p> <p>1) 26.57N 92.35E (Hatidepot) to 26.59N 92.35E (Baghbari tongshi) and 26.57N 92.36E (Khoinsaili)</p> <p>2) 26.53N 92.29E (Borkhe) to 26.53N 92.27E (Gaspara) to 26.50N 92.25E (Hazathigha)</p> <p>1) 26.58 N 92.313 E (Range HO) to 26.594 N 92.323 E (Beelpar)</p> <p>2) 26.582 N 92.293 E (Bechimari) to 26.565 N 92.290 E (Rangagorah)</p>
						4 Km	<p>8</p> <p>Road communication along the boundary from</p> <ul style="list-style-type: none"> <li>1) Range Office to Beelpar camp</li> <li>2) Bechimari camp to Rangagorah camp</li> </ul> <p>These roads are very essential for effective monitoring and patrolling. There is a regular movement of tiger and Rhinoceros in these areas with a high risk of retaliatory killing if straying happens and is unnoticed.</p>
							<p><i>SF - 20612</i></p>

30	1) 26.581 N 92.356 E (Bashbari to Khoinasali)	1) There is a requirement of 10m long wooden bridge with a span of 3 m over the Stream which cuts the newly constructed road from Hatidepot to Khoinasali via Bhagshari. This bridge enables access to an extra 2 km continuous boundary road network and will play a key role in containing grazing and illegal entry.		ST 30/6/20
7	Construction of Bridges	16.2.5		
8	Creation of fire lines and fire breaks	16.2.6	All the Grasslands of OTR	20 Km
			To ensure efficient control on the burning of grasslands and to reduce hazard to wildfauna during burning and to prevent spread of fire to the fringe villages and to important infrastructure of the park, a grid of firelines/firebreaks are required to be laid prior to burning	6

		1) 5 vehicles crucial for patrolling have been condemned and the current condition of 3 of the remaining vehicles is very poor, hence there is an urgent need of atleast 2 new vehicles for patrolling.
		2) Transportation of labour and materials to the various areas of OTR has contributed to the damage of the regular patrolling vehicles and hence there is need for 1 Nos tractor with trailer & accessories for transportation and to ensure better maintenance of the other patrolling vehicles. The tractor will be a critical resource for handling emergency works during storms and flood.
19	19	
All over OTR		1) 1 Nos. Bolero Camper @9 lakhs 2) 1 Nos. Tractor with trailer and other accessories @11 lakhs
16.2.8		
Procurement of vehicles		
9		

✓ 3/3/12

10	Procurement of Hardwar e	16.2.10	9	70%	1) Furnishing of FD office : 93% 2) Two Laptop with printer for R O : 95% 2) Two Laptop with printer for Range and camps : 88% 3) Furniture for R O : 1.0 L 3) Furniture for Range and camps : 4. L 4) Mini Generator for IB : 0% 5) Solar Home light for camp:0% 6) Signages : 0%	1) Furnishing the Tourist Reception Centre which was constructed in the previous year for facilitation of the tourists 2) There is a requirement of furniture for the IBs 3) there is a requirement of basic utensils for the anti-poaching camp to ensure the well-being of the staff	1) Tourist Reception Centre furniture @ Rs. 2 lakh 2) 26.43 N 92.02 E (Div HQ) 3) Furniture for IBs @ Rs. 2 lakh 4) Utensils for camps @ Rs. 2 lakh 3) 26.586 N 92.313 E (Silvori IB) 4) All over OTR 5) All over OTR	126.588 N 92.307E (Tourist Reception Centre)
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St. 2016/20

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12	Establishing system for Tigers' Intensive protection and Ecological Status(M STRIPES ) monitoring.	16.2.14	OTR has started M-STRIPES monitoring from Jan-2020. There is need for training of staff and 5 more mobile phones for efficient monitoring. There is need to provide printed material on functioning of M-STRIPES and work flow of the mobile application to all camps for institutional memory and efficient monitoring.	1.1	All over OTR 100% 0.5	1) 5 Mobile Phones @Rs.0.5 lakh 2) 2 training sessions along with @0.5 lakh 3) Supply of printed material@ Rs. 0.1 lakh
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EF-29612

		Damaged camera traps are producing unclear photographs making it impossible to identify the tigers uniquely and sometimes even the species. 20 Nos of camera traps are in damaged condition which is hampering the tiger monitoring.
4		
20		
All over OTR	100%	
4		
2000%		
20		
16.7		
Procurement of Camera Traps		
1.		

Sgt. 3060

		Range Finders and compass are very essential for the Phase-I exercise and regular monitoring, hence, there is need to replace the faulty range finders and compass, and also augment the existing stock as there is a acute shortage for conducting park level monitoring exercises.
3	3	
All over OTR	1) 10 NOS of Range Finders 2) 10 NOS compass	
16.7		
2	Procurement of Range Finders and compass	

Sgt. 30610

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PROJECT ALLOWANCE TO STAFF

~~S.P. 230223~~

1	Project Allowance to Staff (minis trial staff include d)	16.15	All over OTR	77	91%	85%	7.09	All over OTR	77 staff categorized as per the Guidelines.	Allowance for the staff of Field Director: 1, Field Director-I: ACF -1, Forest Ranger: 1, Deputy Ranger: 1, Accountant: 1, Sr Asst.: 1, Forester: 10,Forester-II :5, Forest guard: 28, Game Watcher: 6, Mahut: 6, Driver: 1, Grass cutter: 2, Boat man: 2, Chowkidar: 1 Grand Total: 67 + 10 (against vacancy) = 77
2	Project Allowance for AFPF personnel	16.15	All over OTR	45	89%	3.78	73%	All over OTR	45	3.78
<b>STAFF WELFARE ACTIVITIES</b>										
1	Supply of field uniform	16.16						All over OTR	240 Nos field uniforms, boots, caps	7.68
										Provision of field uniforms, boots, caps

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1	All over OTR	LS	1
			First-aid Medical Kits are necessary in all anti-poaching camps in cases of emergency.
2	Supply of Medical kits	16.16	
3	Swachh Antipoaching Camps	16.16	Clean and Hygeine camps and bathrooms are essential to ensure physical and mental health of the Staff.
			All over OTR
			Cleaning and maintaining the hygiene of the rooms and toilets of 40 Antipoaching camps, 6 times in a Year

EF: 30/6/20

4	Supply of torch/batteries	16.16 All over OTR 99% 99%	To conduct day to day patrolling regular supply of torches and its batteries are required. Powerful rechargeable search lights are needed during the times of emergencies and foggy nights to scan the vast areas of Brahmaputra looking out for straying animals and poachers  3.5 1) 6000 Nos batteries 2) 6 Nos rechargeable search lights
5	Provision of water filter facility	16.16 All over OTR 100% 100%	The water of Orang has a high iron content and many staff face kidney stone issues and there is an urgent necessity to setup water filter mechanisms which remove excess iron.  2.5 Water purifying mechanism for all Anti-poaching camps and Range Office
LS	LS		
16.16	All over OTR		

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6	Provision for ration allowance to field staff	16.16	All over OTR	198	96%	2043	93%
7	Provision for ration allowance to permanent field staff - APPF	16.16	All over OTR	45	89%	45	95%
<b>FOSTERING ECOTOURISM</b>							
1	Preparation and Printing of educational information on the flora and fauna of OTR	16.17			All over OTR	LS	1
There is a need to prepare brochures and other multimedia material for educating the tourists and enable better interpretation of the flora and fauna of the OTR.							
<b>Total Non-Recurring (Core)</b>							
<b>RECURRING (R)</b>							
<b>CORE</b>							
<b>ANTI-POACHING ACTIVITIES</b>							
1	Deployment of Camp Labourers for Patrolin g	16.1.3	All over OTR	76	100%	82	99.3%
There are 80 number of Camp Labourers who have been engaged for maintenance of departmental elephants, drivers, beatmen to substantiate the shortage of staff.							
					All over OTR	80	86

	1	Mainten- ance of existing patrolin- g camps/c howkis	16.1.3.	13	50%	12	42%	17	10	1	1) Periodic painting of camps: N.Gorabtangga, Ramtas, Satismalu, Bogoriba ii, Hatiputa, Ramikong, Kheroni and Amulya	1) Every camp of the 40 APCs needs to be painted on the interior and exterior once in 5 years for good maintenance of the camp and better work culture. This year a total of 8 anti-poaching camps need to be painted @Rs. 0.3 lakh/camp. 2) There are repairs in many camps due to damages caused by weather, wildlife and age of the buildings. Besides other minor repairs, the major repairs are:- i)Belsri camp plastering and painting on the interior and the exterior @Rs.0.8 lakh. ii) Brightari camp,Haiti camp, Pichola camp and Amulya Camp plastering of the floor @ Rs.0.5 lakh/camp iii)Walling and fitting of windows and doors for Magurnari and Kasonari Tower camps @Rs.0.8 lakh/each iv)Lachit and Kalthgora camps need replacement of floor planks @Rs 0.8 lakh/camp	1) Repairs: 26.584 N 92.400 E (Belsri) 26.555 N 92.356 E (Baghbari) 26.534 N 92.275 E (Hati) 26.569 N 92.372 E (Pichola) 26.554 N 92.330 E (Amulya) 26.567 N 92.326 E (Magurnari Tower) 26.555 N 92.264 E (Kasonari Tower) 26.567 N 92.402 E (Lachit) 26.524 N 92.310 E (Kalthgora)	1) Periodic painting of camps: N.Gorabtangga, Ramtas, Satismalu, Bogoriba ii, Hatiputa, Ramikong, Kheroni and Amulya	1) Repairs: 26.584 N 92.400 E (Belsri) 26.555 N 92.356 E (Baghbari) 26.534 N 92.275 E (Hati) 26.569 N 92.372 E (Pichola) 26.554 N 92.330 E (Amulya) 26.567 N 92.326 E (Magurnari Tower) 26.555 N 92.264 E (Kasonari Tower) 26.567 N 92.402 E (Lachit) 26.524 N 92.310 E (Kalthgora)
2	Mainten- ance of existing patrolin- g camps/c howkis	16.1.3.	N26.58.E92.34, N26.53.E92.30, N26.56.E92.29, 4.Bejimari- N26.58.E92.29, 5.Rahmatpur- N26.56.E92.30, 6.Ramkong- N26.54.E92.33, 7.Ramdas- N26.57.E92.38, 8.Belsri- N26.58.E92.40 9.Pichola- N26.56.E92.37 10.Bogoribari- N26.56.E92.39 11.Hati Camp- N26.53.E92.27 12.Bhakapuri- N26.55.E92.28 13.Entry Gate- N26.58.E92.30	13	50%	12	42%	17	10	1	1) Emergency Repairs post flood season	All over OTR	1)30 Nos Spare Batteries for wireless handsets 2)10 Nos of Spare Chargers for wireless handsets 3)2 Nos of solar charging setup for the range extenders/repea- ters	1) There is a requirement of 30 Nos of spare batteries and 10 Nos of spare chargers for wireless handsets to avoid communication failures due to damage of parts. 35 Nos of 10W and 5 Nos of 20W solar charging systems which are independent from the existing home lighting systems of the 40 Anti-Poaching Camps to ensure a seamless Wireless Communication even during the dim lit days. OTR has 2 Nos Range Extenders and both are needed to be solar powered.	
3	Mainten- ance of existing patrolin- g camps/c howkis	16.1.5	Mainten- ance of wireless network	13	50%	12	42%	17	10	1	1) Emergency Repairs post flood season	All over OTR	1)30 Nos Spare Batteries for wireless handsets 2)10 Nos of Spare Chargers for wireless handsets 3)2 Nos of solar charging setup for the range extenders/repea- ters	1) There is a requirement of 30 Nos of spare batteries and 10 Nos of spare chargers for wireless handsets to avoid communication failures due to damage of parts. 35 Nos of 10W and 5 Nos of 20W solar charging systems which are independent from the existing home lighting systems of the 40 Anti-Poaching Camps to ensure a seamless Wireless Communication even during the dim lit days. OTR has 2 Nos Range Extenders and both are needed to be solar powered.	

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4	Requirement of POL for the departmental vehicles including mechanized boats for regular patrolling and Operation Monsoon	16.1.7/16.2.	All over OTR	12 Months	58%	9
					77%	10
			All over OTR	12 months	10	
	Adequate POL supply for the departmental vehicles including mechanized boats is essential for the regular patrolling duties and official works throughout the year.					
5	Maintenance of Arms	16.1.10		1) 52 Nos. 0.315 rifles @Rs. 7000 each	4.04	1) There are 52 Nos of 0.315 rifles in need of repair which are very much essential for patrolling duty, anti-poaching activities and self-protection of staff.
				2) Arms maintenance kits to all the 40 Nos Antipoaching camps @Rs. 1000/ each camp.		2) Regular cleaning of arms is very important for better maintenance, hence arm maintenance kits are to be distributed to all the anti-poaching camps.
8	Maintenance of elephant Squad	16.1.11	LS	33%	4	There are 32 Camp Elephants including calves and sub-adults used for patrolling and tourism purposes. Currently there are 3 elephants in need of training and be put to use for patrolling duties and anti-poaching activities.
6	Rewards to informers	16.1.12	LS	80%	3	LS 3 For Maintenance of intelligence network

**STRENGTHENING OF INFRASTRUCTURE**

✓.3.1.10

1	Maintainance of Tube Wells	16.2.1	All over OTR	The park area being a Brahmaputra floodplain negatively effects the quality of water from the tubewells very frequently and the camps are dependent on these water for their daily chores including drinking and cooking.	
2	Maintenace of Solar Light Systems of the anti poaching camps	16.2.1	All over OTR	There are a total of 60 tubewells which need maintenance @Rs.1600/Tubewell, 2 times a year	<p>2.56</p> <p>1) Annual Maintenance Inspection and cleaning Of Solar Panel, Electrical Wiring, Luminary check and replacement if any and Battery filling and supply of distilled water, Greasing of Battery Terminals, Controller and operation check along with System performance). These checks will be done on quarterly basis for all the 40 anti poaching camps.</p> <p>2) Replacement of defective Solar plate &amp; battery &amp; inverter etc if need may arise after the quarterly check-up. Also many camps have outdated equipment which needs replacement.</p>
3	Maintainance of Solar Fences	16.2.1	All over OTR	100%	<p>2.16</p> <p>1) Annual Maintenance(4 times after each quarter) @Rs. 1.06 lakhs</p> <p>2) Replacement of parts of the Solar Light Systems and Solar fences as per the need after regular check-up (Lumpsum) @Rs. 1.5 lakhs</p> <p>1) 26.587 N 92.348 E (Bagbani) to 26.571 N 92.370 E (Pachnoi) 2) 26.537 N 92.264 E (Kasomari Tower) to 26.500 N 92.247 E (Hazaribigha) 3) 26.588 N 92.306 E (Bejamin Tongshi) to 26.550 N 92.276 E (Old Orang) 3) 26.588 N 92.308 E (Mangate) to 26.594 N 92.328 E (Beelpar Tongshi)</p> <p>The park has 18 km of solar fencing which needs regular jungle cutting for effective functioning. The jungle cutting needs to be done 3 times a year.</p> <p>1) Bagbani to Pachnoi 3 km 2) Kasomari Tower to Hazaribigha -6 km 3) Bejamin Tongshi to Old Orang-6 km 4) Mangate to Beelpar Tongshi-3 km</p>

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4	Maintainance of kuchcha roads	16.2.2	Naorasa-Katasali 26.54 N 92.29 E & 26.51 N 92.25 E	20	25%	40%	5	40%	28.6 Km @ Rs. 0.3 lakh/km	8.58	The kuchcha roads of OTR are severely damaged during the monsoons as they are under the Brahmaputra and Dhangiri rivers' flood water along with spells of swampliness. Hence they need dressing, earthfilling, jungle cutting and drain clearing for effective patrolling immediately post monsoons.
									The road network connecting Hatiapot, Khoirasali, Betsri, Mortsali Picholamukh, Ramdas and Lachit camps, and Old Gorabhangal, Ramkong, Bontapu, Tinkona and Borkhe are under Brahmaputra flood water for long periods.		

- (i) Betsri to Lachit-2.2 Km
- (ii) Marisali to Ramdas-1.6 Km
- (iii) Lachit to Bogoribari-3.3 Km
- (iv) Bontapu to Borkhe-4.5 Km
- (v) Nislamuri to Old Gorabhangal-3 km
- (vi) Range Office to Satsimatu-5 km
- (vii) Hazarbigha to Kasomari-5 Km
- (viii) Singhbheti Chariali to Amulya Tongshi-4 km

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5	Maintainance of patrolling path for whole season	16.2.2	50	85%	All over OTR	99%	
			1.Marisa- Ramdas-N26.57,E92.32 & N26.57,E92.38 2.Ramdas-Bogorhati- N26.57,E92.38 & N26.56,92.39 3.Ramdas-Pichola- N26.57,E92.38 & N26.56,92.37 4.Gorabhangam- Amulya- N26.55,E92.35 & N26.55,92.33 5.Hatiamp-Riverside- N26.53,E92.27 & N26.52,E92.27 6.Gaspara-Katasali- N26.52,E92.27 & N26.51,E92.25	LS	0%	1	0%
					1)26.588 N 92.313 E (Range HQ) 2)26.517 N 92.258 E (Katasali) 3)26.547 N 92.336 E (Ramkong)	3 Nos Towers need repair	0.5
		6	Maintainance of wireless towers	16.2.3			
		7	Maintainance of Watchtowers	16.2.4			

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*sf-308/10*

8	Maintenance of bridges	16.2.5	LS	67%	6	67%	10 Nos	<p>1) 26.550 N 92.306 E (Satsimalo-I) 2) 26.549 N 92.304 E (Satsimalo-II) 3) 26.548 N 92.299 E (Satsimalo-III) 4) 26.547 N 92.299 E (Satsimalo-IV) 5) 26.548 N 92.286 E (Old Orang) 6) 26.539 N 92.307 E (Tinkona-I) 7) 26.540 N 92.314 E (Tinkona-II) 8) 26.540 N 92.322 E (Bonapu) 9) 26.534 N 92.278 E (Hai) 10) 26.530 N 92.311 E (Belpar)</p>	<p>There are 10 timber bridges in OTR which need regular maintenance after the monsoon season to maintain road communication. Currently there is a need to repair 3 bridges and the remaining bridges to be repaired as per the assessment post flood season.</p>	6	6
9	Maintenance of Vehicles	16.2.8	LS	26.58.E092.31	11	60%	6	59%	All over OTR	All vehicles of OTR	6
10	Maintenance of office equipment	16.2.10	LS	20%	1.5	18%	26.588 N 92.313 E (Range HQ)	LS		1	Procurement of Ink Cartridges, Papers, File & Covers, Folders, Servicing of Computers etc.
							26.43 N 92.02 E (Div HQ)				

#### HABITAT IMPROVEMENT

1	Water Hyacinth removal from the Water bodies	16.3		
Beels		13.26		
1)26.554 N 92.346 E (N. Gorabhang Beel) 2)26.572 N 92..339 E (Roumani Beel) 3)26.512 N 92.258 E (Gara Beel) 4)26.515 N 92.257 E (Katassli Beel) 5)26.518 N 92..323 E (Chaitia Beel) 6)26.554 N 92..335 E (Amulya Beel) 7)26.576 N 92..353 E (Khoirasali Beel) 8)26.553 N 92.313 E (Satismal Beel) 9)26.554 N 92.291 E (GendarMari Beel) 10)26.583 N 92..343 E (Kheroni Beel) 11)26.538 N 92.318 E (Bontapu Beel) 12)26.540 N 92.307 E (Tinkona Beel)	<p>There are a total of 26 Nos Beels(wetlands) and 14 Nos Phukuris(Ponds) in the Park which are very productive ecosystems.</p> <p>12 Nos Beels and 3 Nos Phukuris are infested with water hyacinth on a large scale, hence their removal is imperative for sustaining the productivity of these fragile ecosystems. The infested area of the beels are:-</p> <ul style="list-style-type: none"> <li>Roumani Beel-7.4 Ha</li> <li>Katasali Beel-0.3 Ha</li> <li>Khoirasali Beel- 4.05 Ha</li> <li>Chaitia Beel-3.03 Ha</li> <li>Satismalu Beel 0.51 Ha</li> <li>Gara Beel-1.21 Ha</li> <li>New Gorabhang Beel-1.39 Ha</li> <li>Amulya Beel-3.64 Ha</li> <li>GendarMari Beel-3.5 Ha</li> <li>Kheroni Beel-0.4 Ha</li> <li>Bontapu Beel-6.07 Ha</li> <li>Tinkona Beel- 0.7 Ha</li> </ul> <p>The infested area of Phukuris are:-</p> <ul style="list-style-type: none"> <li>Gahorimari Phukuri-0.19 Ha</li> <li>Old Orang Phukuri-0.88 Ha</li> <li>Rahmanpur Phukuri-0.21 Ha</li> </ul>			

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2	Removal of invasive species from the grassland plots and restricting the Bombax ceiba mother trees	16.3		30 ha @ Rs. 0.3 lakhs/Ha	9	The grasslands of the park are infested with Minosa sp., Mikania sp., Bonjax sp. and their removal is imperative to maintain the grassland habitat. Also for mitigation of the spread of invasives the mother trees of the Bonjax sp. in these grasslands are to be restricted from spreading further. The removal of Minosa sp. and Mikania sp. is done phase wise over the years. Each year an area of 30 Ha. will be covered along with the restriction of Bonjax sp. in and around these grasslands. This year 15 Ha. each in Magurmari and Nichlamari Grassland blocks
3	Desititation of Water bodies	16.3				
4	Experimental plot for testing different grassland management practices	16.3				

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5	To carry out prophylactic immunization of cattle in and around Tiger Reserve	16.3	N26.53,E092.31 N26.58,E092.35 N26.58,E092.35 N26.54,E092.36	4	100%	1	100%	8	4	Mandatory activity under S33A of WLP 1972. The tiger reserve is surrounded on all sides by cattle population posing a great risk of spread of diseases in the wild. To prevent/ mitigate such disasters there is a need to ensure herd immunity among the cattle population by vaccinating them at least twice a year in 5 locations around the park.
										1)26.579 N 92.358 E 2)26.576 N 92.406 E 3)26.512 N 92.251 E 4)26.567 N 92.286 E 5)26.539 N 92.263 E
Total Recurring Core										
NON-RECURRING (NR)										
BUFFER										
ADDRESSING MAN-ANIMAL CONFLICT										
1	Payment of compensation for cattle lifting, death of human beings and crop depredation due to wild animals	16.4.1.1	LS	0%	6	0%	Nagaland Division Sonitpur West Division North Kamrup Division	As per need and as per the Assam Govt. Notification	2	The buffer area of the OTR falls in three divisions which are frequently facing straying wild animals which are a threat to human life, crops and property and they need to be supported for speedy disposal of these cases for better public cooperation

2	Procurement of tranquilizing equipments	16.4.1.4	LS	0%	0.5	4	In times of emergencies mobilizing the equipment from far off places to OTR is inefficient and there is a need to have in-house tranquilizing equipment for ready use by the capturing team. This was a sanctioned activity in 2018-19 APO but was not purchased in due time due to procurement delays.
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#### CO-EXISTENCE AGENDA IN BUFFER AND FRINGE AREAS(LANDSCAPE APPROACH), SECTORAL INTEGRATION, ECOLOGICALLY SUSTAINABLE DEVELOPMENT PROGRAMME, LIVELIHOOD

OPTIONS AND ECO-TOURISM)		16.5.1	LS	Fringe Villages of OMP i.e. the Buffer area of OTR	2 demonstration plots @ Rs. 0.25 lakh/ plot	0.5	Lac cultivation methodology developed by RFRU is a low cost livelihood option which has good market and available market linkages. In order to promote interests of the fringe villages 2 demonstration plots need to be done along with interested villagers. This involves preparation of the site, seed procurement, sowing, maintenance, extraction and transport of the extracts.
<b>MAINSTREAMING WILDLIFE CONCERN</b>		1	Man-Anim al Conflict Management	16.10.1.1	Riverine islands of the Brahmaputra on the Eastern, Western and Southern sides of the OTR	LS	Straying of wild animals outside the forest areas is a frequent event in OTR and a lot financial resources and staff are needed for ensuring the safety of the strayed animals and the public living on the riverine islands. The staff and Anti-Depradation Squads scan the vast riverine islands of Brahmaputra for weeks in some instances of straying. To ensure the duty and the motivation of staff and ADS, there is need to provide transportation by boat along with food supply during these times.

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1	2	1	Financial back up is very essential to handle such emergency as it requires lot of money to generate mobilization of such rescue operations.
2	0%	LS	Anti-depredation squads are formed around the OTR comprising the fringe villages in dealing with the monitoring of straying wild animals and there is need to provide basic amenities such as torches, batteries, caps, tarpaulins etc. to the squads for ease of duty and adequate motivation.
1	0%		Fringe Villages of ONP i.e. the Buffer area of OTR
2	0%		
2	0%		
16.10.1.2	16.10.1.3		
2	Capturing problematic and aberrant wild animals	3	Monitoring of wild animals

✓✓✓✓✓

4	Wildlife Conse- rvatio n Aware- ness	16.10.2	N26.56,E092.37 N26.43,E092.02 N26.54,E092.29	5	100%	Fringe Villages of ONP i.e. the Buffer area of OTR	10	2.5	OTR is surrounded by villages in its notified buffer. In light of Human- wildlife co-existence there is need for wildlife conservation campaign all around the OTR.									
Total Non-Recurring (Buffer)																		
13																		
<b>RECURRING (R)</b>																		
<b>BUFFER</b>																		
<b>ANTI-POACHING ACTIVITIES</b>																		

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1	Curbing wildlife crime requires joint efforts in the form of joint patrolling with organizations like Police, Army, SSB, Eco-Development Committees etc.	1	4	1
1	Wherever necessary	100%	100%	1
1	When ever and wherever necessary	75%	4	1
16.1.4	Organizing vehicular patrolling by constituting square squads(TPF ) comprising field staff, labour and police or ex-army person nel or home guards with wirele ss hand set and paraph ending offend ers,ap art from prescri bing a patroll ing calend er for the squad	When ever and whenever necessary	75%	4

2	16.1.6 Organizing surprise raids jointly with the local police and forest staff of other divisions.	Wherever necessary in the following forest divisions and the districts 1)Sonitpur West Division 2)North Kamrup Division 3)Darrang District 4)Sonitpur District 5)Morigaon District 6)Nagaland District	The jurisdiction of the division of the DD is coterminous with the Orang National Park boundary and there is need to coordinate raids with the police and forest staff of nearby divisions for effective anti-poaching measures. During these raids there is a requirement of hiring of vehicles by road & water along with provision of fuel and refreshment etc.	2	4	2
3	16.1.13 Legal support for defending court cases.	as per need	0% 0.5 0% 0%	0	0.5	0.5
			Total Recurring (Buffer)			3.5
			Abstract			
1		Non-Recurring (Core)		193.27		
2		Non-Recurring (Buffer)			13.2	
3		Total Non-Recurring (Core+Buffer)		206.27		
4		Recurring (Core)			208.2	
5		Recurring (Buffer)			3.5	
6	Total (Recurring Core + Buffer)			211.7		
7		Grand total (Recurring + Non Recurring)		417.97		

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S. No.	Items	Sanction	Central Assistance (Rs. In lakhs)
1	Non-Recurring (90%)	206.27	185.64
2	Recurring (90%)	211.70	190.53
		<b>417.97</b>	<b>376.17</b>

(Rs. In lakhs)		
Cost of APO including State's share	A	417.97
Center's share in APO	B	376.17
1 <sup>st</sup> release @ 50% of Center's share	C=0.5*B	188.08
Less: Unspent balance FY 2019-20	D	-
Adjusted 1 <sup>st</sup> release	E=C-D	188.08
2 <sup>nd</sup> release @50% of Center's share	F=0.5*B	188.09

\* 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.

25/3/2020