

भारत सरकार  
Government of India  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
Ministry of Environment, Forest & Climate Change  
व्याघ्र परियोजना प्रभाग  
Project Tiger Division

NER

No. 4-1(49)/2022-PT

Dated: 4<sup>th</sup> November, 2022

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 2022-23 -1<sup>st</sup> installment - 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. 389.00 Lakh (Rupees Three Hundred Eighty Nine Lakhs Only)** as per details given in the table at Annexure. The total cost of the Scheme will be shared on 90:10 basis by the Government of India and 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. 87.525 Lakh (Rupees Eight Seven Lakh Fifty Two Thousand Five Hundred 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 2022-23. 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.

  
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- 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 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 31.3.2023.
- 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 2022-23 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**.

  
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- 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. Funds will not be diverted for any item other than specified herein.
- xxv. Funds to be spent only on items approved in Tiger Conservation Plan (TCP).
- xxvi. Compensation for loss due to wildlife is to supplement the State Government fund as per the rules of State Government.
- xxvii. GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.
- 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 TDS/ Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.

  
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- 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 CSS/ CS/ State Government Scheme.
- 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 concurrence of this Ministry.
- xxxvi. All guidelines under the project is to be followed scrupulously.
- xxxvii. 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.
- xxxviii. 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.
- xxxix. All labour payments strictly by Direct Benefit Transfer (DBT).
- xl. The guidelines of Project Tiger Schemes are followed by **Orang** Tiger Reserve and Expenditure Evaluation Report on the expenditure incurred vis-à-vis proposed activities and result achieved may be furnished.

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 23.06.1965.

5. The 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

  
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Government of India  
New Delhi

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.

8. The expenditure incurred is adjustable to the **Demand No. 28** (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2022-23:

| Scheme                                      | Budget Head                                    | Amount<br>(Rs. in lakhs) |
|---|--|--------------------------|
| Centrally Sponsored Scheme of Project Tiger | 3601.06.101.02.01.31<br>(Grant-in-Aid General) | 87.525                   |
|   | <b>Total</b>                                   | 87.525                   |

9. This issues with the concurrence of Internal Finance Division vide their Dy. No. 130/IFD/2022 dated 03.11.2022. **Compliance of all the guidelines/instructions regarding release of funds under Centrally Sponsored Schemes (CSS) and monitoring utilization of funds released, Issued by Dept. of Expenditure (Ministry of Finance) vide O.M. No. 1(13)PFMS/FCD/2020 dated 23.03.2021 must be ensured.**

Yours sincerely,



(Md. Sajid Sultan)

Asstt. Inspector General of Forests (PT)

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**Copy for kind information & necessary action to:-**

1. The Secretary, Ministry of Environment, Forests and Climate Change, New Delhi.
2. The Secretary (Forests), Govt. of Assam. A copy of the detailed sanction letter issued by the State Government in respect of this scheme for 2022-23 may kindly be furnished to this Ministry immediately.
3. The Secretary (Finance), Govt. of Assam.
4. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Assam.
5. The IGF, NTCA Regional Office, Guwahati.
6. The Field Director, Orang Tiger Reserve, Assam.
7. The Accountant General, Assam.
8. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
9. Forest Finance Division, MoEF&CC, New Delhi.
10. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
11. Guard file/Spare copies.



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(Rs. In lakhs)

| S. No | Items                 | Sanction      | Central Assistance (90%) | State Share (10%) |
|-------|-----------------------|---------------|--------------------------|-------------------|
| 1     | Non Recurring (90:10) | 196.74        | 177.07                   | 19.67             |
| 2     | Recurring (90:10)     | 192.26        | 173.03                   | 19.23             |
|       | <b>Total</b>          | <b>389.00</b> | <b>350.10</b>            | <b>38.90</b>      |

(Rs. In lakhs)

|  |            |         |
|--|------------|---------|
| Cost of APO including State's share            | A          | 389.000 |
| Central share in APO                           | B          | 350.100 |
| 1 <sup>st</sup> release @ 25% of Central share | $C=0.25*B$ | 87.525  |
| Less: Unspent balance                          | D          | 0.000   |
| Adjusted 1 <sup>st</sup> release               | $E=C-D$    | 87.525  |
| Balance 75% of Center share                    | $F=0.75*B$ | 262.575 |

**Note: 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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**ANNUAL PLAN OF OPERATION FOR THE YEAR 2022-23**


| Sl No.                          | Item of work   | Para No. CSS.P T Guidelines | Para No. of Draft TCP | Location /GPS Coordinates | Previous Financial Year |             |      |               | Current Financial Year |                           |                 |                    | Justification |  |
|---------------------------------|--|-----------------------------|-----------------------|---------------------------|-------------------------|-------------|------|---------------|------------------------|---------------------------|-----------------|--------------------|---------------|--|
|                                 |  |                             |                       |                           | Physical                |             | Unit | Financial     |                        | Location/ GPS Coordinates | Physical Target | Unit Price (lakhs) |               | Financial Target (lakhs)   |
|                                 |  |                             |                       |                           | Target                  | Achievement |      | Target (lakh) | Achievement (lakhs)    |                           |                 |                    |               |  |
| 1                               | 2  | 3                           | 4                     | 5                         | 6                       | 7           | 8    | 9             | 10                     | 11                        | 12              | 13                 | 14            |  |
| <b>NON RECURRING (NR)</b>       |  |                             |                       |                           |                         |             |      |               |                        |                           |                 |                    |               |  |
| <b>CORE</b>                     |  |                             |                       |                           |                         |             |      |               |                        |                           |                 |                    |               |  |
| <b>ANTI-POACHING ACTIVITIES</b> |  |                             |                       |                           |                         |             |      |               |                        |                           |                 |                    |               |  |
| 1                               | Construction of range office                               | 16.2.i                      |                       |                           |                         |             |      |               |                        | 26.60898 N<br>92.38118 E  | 1               | 50                 | 50            | The area of Orang Tiger Reserve has been increased by 200.32 sq.km. which is added as 2nd addition to the P.A. A new Range establishment is proposed to overseeing the area in question. As per the discussion in the 20th Meeting of the NTCA on 9th April 2022 at Pakke Tiger Reserve, Arunachal Pradesh, this proposal is added as additional APO as per the memorandum submitted by the Chief Wildlife Warden Assam. |
| 2                               | Construction of range officer quarter                      | 16.2.i                      |                       |                           |                         |             |      |               |                        |                           | 1               | 35                 | 35            |  |
| 3                               | Construction of Forester-I quarter                         | 16.2.i                      |                       |                           |                         |             |      |               |                        |                           | 2               | 25                 | 50            |  |
| 4                               | Construction of Barrack                                    | 16.2.i                      |                       |                           |                         |             |      |               |                        |                           | 1               | 23                 | 23            |  |
| 5                               | Construction of Boundary wall of Range premises at Borsola | 16.2.i                      |                       |                           |                         |             |      |               |                        |                           |                 | LS                 | 50            |  |

  
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|   |   |         |           |   |   |    |   |   |   |   |   |     |  |   |
|---|---|---------|-----------|---|---|----|---|---|---|---|---|-----|--|---|
| 6   | Procurement of Floating Camps               | 16.1.14 | 7.2.2.1.5 | Brahmaputra River                               | 1 No. Small Boat 5 HP engine<br>1 No. Large Boat 20 HP engine | 0% |   | 7 | 0 |   | 1. Swallow water machine boat (4 nos. @ 4.5 L)<br>2. Floating boat camp (2 nos. @ 35 L) | 88  | The area of the Orang National Park & Tiger Reserve has been increased by 200.32 sq. km. vide the Govt. of Assam notification No. FRW.14/2004/Pt/36 dated 03.01.2022. The southern region of the National Park which consist of the riverine islands (Char areas) of the Brahmaputra are very dynamic in existence but are very vulnerable for poaching as both wild animals and humans use these areas. There is no feasibility for building permanent camps and anti-poaching patrolling to these vast number of Char areas is carried out either on foot or by country boats. |   |
| <b>Total (for Proposed Borsola Range)</b> |   |         |           |   |   |    |   |   |   |   |   | 296 |  |   |
| 1   | Procurement of Floating Camps               | 16.1.14 | 7.2.2.1.5 | Brahmaputra River                               | 1 No. Small Boat 5 HP engine<br>1 No. Large Boat 20 HP engine | 0% |   | 7 | 0 | All over OTR                                    | 1 no. Composite River cruiser GT27 (US Designed)  | 28  | 28   | There is no feasibility for building permanent camps and anti-poaching patrolling to these vast number of Char areas is carried out either on foot or by country boats.   |
| 2   | Establishing Semi-Permanent makeshift Camps | 16.1.3  | 7.2.2.1.5 | Riverine Islands of OTR, make shift arrangement | 1   | 0% | 5 | 5 | 0 | Riverine Islands of OTR, make shift arrangement | 2   | 10  | 20   | The riverine areas of the Brahmaputra are crucial habitat of the wild fauna of the OTR and the wild animals like tiger and one-horned rhinoceros are very vulnerable to poaching when in these islands and also stray out through these riverine islands. Presence of staff on these islands throughout the lean season |




|   |   |          |            |              |                     |      |      |      |      |              |                     |      |     |   |
|---|---|----------|------------|--------------|---------------------|------|------|------|------|--------------|---------------------|------|-----|---|
|   |   |          |            |              |                     |      |      |      |      |              |                     |      |     | would help mobilize human and material resources efficiently to tackle poaching pressure and stray out cases. These camps shall be jointly manned by the OTR staff and the corresponding territorial divisions of the buffer area |
| 3 | Establishment of Wireless Network             | 16.1.5   | 7.2.2.1.11 | All over OTR | 5 No. base stations | 100% | 0.35 | 1.75 | 1.75 | All over OTR | 2 No. base stations | 0.6  | 1.2 | There is a requirement of base stations in the 2 Nos. of floating camps for a seamless wireless connectivity in the riverine areas of Brahmaputra. Also 5 nos. of wireless handsets required.                                     |
| 4 | Procurement of wireless handset & accessories | 16.1.5   | 7.2.2.1.11 |              |                     |      |      |      |      | All over OTR | 5                   | 0.36 | 1.8 |   |
| 5 | Procurement of Arms & Ammunitions             | 16.1.10  | 7.2.2.1.12 |              |                     |      |      |      |      | All over OTR | 5 nos. DBBL         | 0.3  | 1.5 | For procurement of arms, restocking of ammunition for patrolling duties and anti-depredation activities.  |
| 6 | Procurement of Ammunitions                    | 16.1.10  | 7.2.2.1.12 | All over OTR | 775 rds.            | 100% | 200  | 1    | 1    | All over OTR | 500 rds.            |      | 1   |   |
| 7 | Procurement of country boat                   | 16.1.xiv | 7.2.2.1.7  |              |                     |      |      |      |      | All over OTR | 8                   | 0.5  | 4   | Each APC requires one boat for anti-poaching patrol duty during flood and demands requirement of replacement with new boat every year in phase manner.  |
| 8 | Procurement of Thermal Drone                  | 16.2.xv  | 7.2.2.1.19 |              |                     |      |      |      |      | All over OTR | 1 No. Phantom drone | 3    | 3   | A drone is required for surveying and mapping of the park and for effective monitoring of the straying wild animals and management of Human-Animal Conflict Situation   |

  
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|--|--|---------|--|--------------|--|------|--|-----|-----|--------------|---|-----|-----|--|
| 9                                      | Procurement Field Gear   | 16.1.15 |  | All over OTR | 1) 5 Smart Stick - 5nos.<br>2) Control Burnin g safety Kits (Orange coveral l- 8 nos., fire safety goggles -4 nos., fire kелver gloves- 4 nos. | 100% |  | 2   | 2   | All over OTR | 2 Nos of thermal night vision devices @1.5L/p c | 1.5 | 3   | There is a need of night vision devices as majority of the poaching incidences in the past occurred during night hours and also during winter season due to fog the visibility decreases, hence there is a need of 3 night vision devices. |
| <b>STRENGTHENING OF INFRASTRUCTURE</b> |  |         |  |              |  |      |  |     |     |              |   |     |     |  |
| 1                                      | Hiring of Professional Services for preparation of estimates civil works | 16.2.1  |  | All over OTR | All estimates  | 100% |  | 0.5 | 0.5 | All over OTR |   | LS  | 0.5 | There is a requirement for hiring professional engineering services for preparation of estimates of various civil works for efficient constructions and repairs.   |


  
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|---|--|---------|-----------|---|--|------|------|---|---|---|--|------------|-------|--|
| 2 | Construction of Bridges                | 16.2.5  | 7.2.2.1.9 | 1) 26.5701 N<br>92.3744 E<br>(Khoiras ali to Ramdas)                                      | 1  | 0%   | 22   | 0 | 0 | 1) 26.550 N<br>92.306 E<br>(Satsimalo-I) @ 7 L<br>2) 26.549 N<br>92.304 E<br>(Satsimalo-II) @ 9.95 L<br>3) 26.548 N<br>92.299 E<br>(Satsimalo-III) @9.97 L<br>4) 26.547 N<br>92.299 E<br>(Satsimalo-IV) @6.84 L |  |            | 33.76 | During flood season the water from river Dhansiri overflows to Satsimolu beel area and there are 4 nos. of wooden bridge in that area which are in dilapidated condition and cannot be used for anti-poaching activities and vehicle patrolling throughout the season. So, new construction of 4 nos of bridges are needed.                              |
| 3 | Creation of fire lines and fire breaks | 16.2.6  | 7.2.1     | All the Grasslands of OTR   | 20 Km  | 100% | 0.15 | 3 | 3 | All the grasslands of OTR   | 20 km  | .15 L/- km | 3     | 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  |
| 4 | Procurement of Hardware                | 16.2.10 |           | 1) 26.43 N<br>92.02 E<br>(Div HQ)<br>2) 26.588 N<br>92.313 E<br>(Range HQ)<br>3) 26.588 N | 1) Xerox Machine<br>2) 2 No. Iron racks<br>3) Furniture for camps-Iron | 100% |      | 8 | 8 | 1) 26.43 N<br>92.02 E<br>(Div HQ)<br>2) 26.588 N<br>92.313 E<br>(Range HQ)<br>3) Borsola range  | 1) Iron rack- 4 nos. at Range HQ and FD office<br>2) Inkjet Printer- 2 nos @ FD office and new Range | LS         | 2.05  | 1) To safely pile up the files of Range HQ as well as FD office for ready retrieval<br>2) For printing day to day documents in FD's office and new range office at Borsola .<br>3) An air conditioner is needed in the office chamber of FD.<br>4) Desktop computer for new range office at Borsola.<br>5) Office table for new range office at Borsola. |

  
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|   |   |         |            |  |  |      |     |     |     |              |   |      |     |  |
|---|---|---------|------------|--|--|------|-----|-----|-----|--------------|---|------|-----|--|
|   |   |         |            | 92.313 E (Range HQ)<br>4) All over OTR<br>5)26.588 N<br>92.307E (Tourist Reception Centre) | beds, Mirrors, wooden almirah, iron safe for securing arms and ammunition<br>1 No. televisions |      |     |     |     |              | office at Borsola<br>3) Desktop computer<br>1 no.<br>4) AC at FD's office chamber<br>5) Office table - 3 nos. for new Range Office at Borsola<br>6) Office executive Chair - 10 nos.<br>7) Iron almirah - 1 no. |      |     | 6) Office executive chair for new range office at Borsola.<br>7) Iron Almirah for new range office at Borsola.   |
| 5 | Establishing system for Tigers' Intensive protection and Ecological Status(M-STripES) monitoring. | 16.2.14 | 7.2.2.1.18 | All over OTR   | 6 Mobile Phones  | 100% | 0.1 | 0.6 | 0.6 | All over OTR | 15  | 0.14 | 2.1 | OTR has started M-STripES monitoring from Jan-2020. There is need for 15 more mobile phones for efficient monitoring and tracking patrolling activities. |

|                                     |  |         |            |  |  |      |  |      |      |  |   |     |      |   |
|-------------------------------------|--|---------|------------|--|--|------|--|------|------|--|---|-----|------|---|
| 6                                   | Data Entry Operator for handling and collection of M-STriPES monitoring data | 16.2.14 | 7.2.2.1.18 | 26.588 N<br>92.313 E<br>(Range HQ)<br><br>26.43 N<br>92.02 E<br>(Div HQ) | 1 No.@<br>Rs.160<br>00/-<br><br>1 No.@<br>Rs.120<br>00/-                       | 100% |  | 3.36 | 3.36 | 26.588 N<br>92.313 E<br>(Range HQ)<br><br>26.43 N<br>92.02 E<br>(Div HQ) | 1 No.@<br>Rs.20000<br>/-<br>1 No.@<br>Rs.14000<br>/-  |     | 4.08 | OTR has adopted M-STriPES monitoring in 2020 January. There is a dearth of capacity in the staff in collection of data and processing the data. Two qualified data entry operators have been engaged, one for collecting and organizing the data at the Range office, the other for processing and preparation of M-STriPES report.   |
| <b>RESEARCH AND FIELD EQUIPMENT</b> |  |         |            |  |  |      |  |      |      |  |   |     |      |   |
| 1                                   | Procurement of Range Finders and compass                                     | 16.7    | 8.3        |  |  |      |  |      |      | All over OTR   | 5   | 25  | 1.25 | Range Finders is very essential for the Phase-1 exercise, rhino census and regular monitoring, hence, there is need to replace the faulty range finders, and also augment the existing stock as there is a acute shortage for conducting park level monitoring exercises.   |
| 2                                   | Procurement of Binoculars and GPS Devices                                    | 16.7    | 8.3        |  |  |      |  |      |      | All over OTR   | 5 No. GPS   | 0.2 | 1    | There is a requirement of GPS devices for phase-I & IV and population estimation activities   |
| 3                                   | Tiger Monitoring-Conducting Phase IV monitoring                              | 16.7    | 8.3        | All over OTR   | 1) 1000 Nos-batteries<br><br>2)100 Memory Cards<br><br>3)LS-Provision of food, | 100% |  | 1    | 1    | All over OTR   | 1) 1000 Nos-batteries<br>2)100 Memory Cards<br>3)LS-Provision of food, amenities and logistics to the | LS  | 1.75 | Phase IV monitoring of tigers involves training of personnel, sign survey, deployment of camera traps and monitoring their functioning and collection of images. There is a requirement of batteries, memory cards for the camera traps and provision of food, amenities & logistics to the monitoring team. Creation and maintenance of 15 nos. transect line of 30 km. length requires. |

  
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|  |                                 |        |         |  |  |      |      |      |      |  |   |      |     |  |
|--|---------------------------------|--------|---------|--|--|------|------|------|------|--|---|------|-----|--|
|  |                                 |        |         |  | amenities and logistics to the monitoring team |      |      |      |      |  | monitoring team<br>4)<br>Transect Line creation |      |     |  |
| <b>STAFF DEVELOPMENT AND CAPACITY BUILDING</b> |                                 |        |         |  |  |      |      |      |      |  |   |      |     |  |
| 1  | Capacity building and training. | 16.8.1 | 13.3    | All over OTR   | 2  | 0%   | 0.5  | 1    | 0    | All over OTR   | 2   | 0.25 | 0.5 | There is a need to build the skill capacity of staff in matters of law, forensic, public interaction, vehicle maintainance, firing practice, latest technologies etc.                              |
| 2  | Services of Computer Operators  | 16.8.1 | 13.3    | 26.588 N<br>92.313 E<br>(Range HQ)<br><br>26.43 N<br>92.02 E<br>(Div HQ) | 2 Nos @<br>Rs.16000/<br>month                  | 100% |      | 3.84 | 3.84 | 26.588 N<br>92.313 E<br>(Range HQ)<br><br>26.43 N<br>92.02 E<br>(Div HQ) | 2 Nos @<br>Rs.<br>20000/-<br>month              |      | 4.8 | 2 Nos Computer Operators, 1 each in the DD office and the Range office are engaged for handling the day to day computer related works as there is acute shortage of skilled people in the division |
| 3  | Training in Park Interpretation | 16.8.7 | 7.2.1.1 | 26.588 N<br>92.313 E<br>(Range HQ)                                       | 4  | 0%   | 0.25 | 1    | 0    | 26.588 N<br>92.313 E<br>(Range HQ)                                       | 2   | 0.25 | 0.5 | OTR eco-tourism is in a very nascent stage and there is a need to develop people with the skill of interpreting the forests who will guide and help tourists to gain more value from their visit   |
| <b>PROJECT ALLOWANCE TO STAFF</b>              |                                 |        |         |  |  |      |      |      |      |  |   |      |     |  |

|                                 |   |       |            |              |  |      |  |     |     |              |  |       |      |   |
|---------------------------------|---|-------|------------|--------------|--|------|--|-----|-----|--------------|--|-------|------|---|
| 1                               | Project Allowance to Staff (ministerial staff included)           | 16.15 | 7.2.2.3.4  | All over OTR | 76 staff positions categorized as per the Guidelines | 100% |  | 6.5 | 6.5 | All over OTR | 76 staff positions categorized as per the Guidelines |       | 6.5  | Allowance for the staff of Field Director:<br>Field Director-1, ACF -1, Forest Ranger:2,<br>Deputy Ranger: 1, Accountant: 1, Sr Asstt. :1, Jr. Asstt: 1,<br>Forester:10,Forester-II : 4, Forest guard: 26,Game Watcher:4, Mahut:4,<br>Driver:1, Gras cutter:2,Boat man:3.<br>Chowkidar:2, Fixed Pay-8, Grand Total: 71 + 5 (against vacancy)=76 |
| 2                               | Project Allowance for AFPF personnel                              | 16.15 | 7.2.2.3.4  | All over OTR | 32   | 100% |  | 3   | 3   | All over OTR | 32   |       | 3    | AFPF personnel are posted in the anti-poaching camps along with the other forest personnel. 1st AFPF= ABSI:1, Hav:3, Constable:8, Cook-1. 2nd AFPF= ASI:1, Hav:4, Constable: 13, Cook-1 (total=32 nos.)   |
| <b>STAFF WELFARE ACTIVITIES</b> |   |       |            |              |  |      |  |     |     |              |  |       |      |   |
| 1                               | Supply of Medicine  | 16.16 | 7.2.2.3.2  |              |  |      |  |     |     | All over OTR |  | LS    | 0.5  | Providing medicines for common diseases to the frontline staff.   |
| 2                               | Procurement of water filter for camp staff                        | 16.2  | 7.2.2.3.1  |              |  |      |  |     |     | All over OTR | 20   | 0.012 | 0.24 | For providing safe drinking water   |
| 3                               | Purchase of portable tent with bed/sleeping bag for camping staff | 16.6  | 7.2.2.1.15 |              |  |      |  |     |     | All over OTR | 5 nos. bed<br>1 nos tent                             |       | 1    | The minimum facility is highly required for camping staff during stray out of wild animal specially rhino and tiger in riverine char areas  |
| 4                               | Supply of field uniform   | 16.16 | 7.2.2.3    | All over OTR | 240 Nos uniform and other necessa                    | 0%   |  | 1.5 | 0   | All over OTR | 240  |       | 8.4  | Provision of field uniforms, winter jacket and rain coats as per need   |

|   |                                   |       |           |              |  |      |       |       |       |              |  |    |       |  |
|---|-----------------------------------|-------|-----------|--------------|--|------|-------|-------|-------|--------------|--|----|-------|--|
|   |                                   |       |           |              | ry field related equipment   |      |       |       |       |              |  |    |       |  |
| 5 | Swacch Antipoaching Camps         | 16.16 | 7.2.2.3.2 | All over OTR | Cleaning and maintaining the hygiene of the rooms and toilets of 40 Antipoaching camps | 100% |       | 0.5   | 0.5   | All over OTR | Cleaning and maintaining the hygiene of the rooms and toilets of 40 Antipoaching camps                   | LS | 0.5   | Clean and Hygeine camps and bathrooms are essential to ensure physical and mental heath of the Staff.  |
| 6 | Supply of torch/batteries         | 16.16 | 7.2.2.3   | All over OTR | 1) 6000 Nos batteries<br>2) 6 Nos rechargeable search lights<br>3)20 Nos Head torch    | 100% |       | 4     | 4     | All over OTR | 1) 6000 Nos batteries<br>2) Rechargeable search light<br>3) Rechargeable torch light/nor mal torch light |    | 4     | To conduct day to day patrolling regular supply of torches and its batteries are required. Rechargeable torch lights and normal torches are needed during the times of emergencies and foggy nights to scan the vast areas of Brahmaputra looking out for straying animals, poachers and during times of human-wildlife conflict |
| 7 | Provision for ration allowance to | 16.16 | 7.2.2.3.4 | All over OTR | 70   | 100% | 0.103 | 7.224 | 7.224 | All over OTR |  |    | 7.224 | An incentive for the diligent efforts of the field staff.<br>Dy. Ranger-1, Forester-10, Forester   |

|                                       |   |       |           |              |     |      |       |               |               |              |  |    |               |  |
|---------------------------------------|---|-------|-----------|--------------|-----|------|-------|---------------|---------------|--------------|--|----|---------------|--|
|                                       | field staff   |       |           |              |     |      |       |               |               |              |  |    |               | 11- 4, Fgd- 26, Game Watcher- 4, Mahut-4, Driver-1, Grass Cutter-2, Boatman-3, Chowkidar-2, Fixed Pay- 8 + 5 against vacancy   |
| 8                                     | Provision for ration allowance to permanent field staff - AFPF                    | 16.16 | 7.2.2.3.4 | All over OTR | 35  | 100% | 0.103 | 3.612         | 3.612         | All over OTR |  |    | 3.612         | An incentive for the diligent efforts of the AFPF staff. 1st AFPF= ABSI:1, Hav:3, Constable:8, Cook-1. 2nd AFPF= ASI:1, Hav:4, Constable:13, Cook-1 (total=32 nos.) + 3 vacancy  |
| 9                                     | Provision for ration allowance to Casual Worker and Home guards                   | 16:16 | 7.2.2.3.4 | All over OTR | 116 |      | 0.103 |               | 11.9712       | All over OTR |  |    | 11.9712       | Besides permanent staff there are 80 casual worker, 36 Home guards working 24x7 days staying in interior camps maintaining two establishments. They deserve to get Ration Allowance at par with other Forest personnel. Rate per staff @Rs 860 |
| <b>FOSTERING ECOTOURISM</b>           |   |       |           |              |     |      |       |               |               |              |  |    |               |  |
| 1                                     | Preparation and Printing of educational information on the flora and fauna of OTR | 16.17 | 11.5.2    | All over OTR | LS  | 0%   |       | 5             | 0             | All over OTR |  | LS | 1             | There is a need to prepare brochures, other multimedia material, website for educating the visitors and enable better interpretation of the flora and fauna of the OTR.  |
| <b>Sub Total</b>                      |   |       |           |              |     |      |       | <b>63.386</b> | <b>61.857</b> |              |  |    | <b>166.73</b> | <b>72</b>  |
| <b>NON-RECURRING (NR)</b>             |   |       |           |              |     |      |       |               |               |              |  |    |               |  |
| <b>BUFFER</b>                         |   |       |           |              |     |      |       |               |               |              |  |    |               |  |
| <b>ADDRESSING MAN-ANIMAL CONFLICT</b> |   |       |           |              |     |      |       |               |               |              |  |    |               |  |

  
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|---|----------------------------------|-----------|---------|--|--|----|--|----|---|--|-----|------|---|---|
| 1   | Basic health care/health camp    | 16.16/4.8 | 4.4.5   |  |  |    |  |    | Morisali (26.58459 N 92.39878 E) Bogoribari (26.56168 N 92.38625 E) | 2  | 0.5 | 1    | Organizing health camp among fringe villages help to increase direct interaction with villagers and thereby enhance cooperation |   |
| <b>CO-EXISTENCE AGENDA IN BUFFER AND FRINGE AREAS(LANDSCAPE APPROACH, SECTORAL INTEGRATION, ECOLOGICALLY SUSTAINABLE DEVELOPMENT PROGRAMME, LIVELIHOOD OPTIONS AND ECO-TOURISM)</b> |                                  |           |         |  |  |    |  |    |   |  |     |      |   |   |
| 1   | Promotion for vermi compost unit | 16.5.1    | 7.2.1.2 | Fringe Villages of ONP i.e. the Buffer area of OTR | 100 boxes<br>4 No. Awareness meetings    | 0% |  | 4  | 0   | Fringe Villages of ONP i.e. the Buffer area of OTR | 25  | 0.04 | 1   | Usage of pesticides and fertilizer is rampant around the park and these are carried into the national park area through the rain water and streams. There is a need for campaigning about organic farming practices to raise awareness as well as establish few vermi compost units to demonstrate the feasibility of Organic farming to the fringe villagers.  |
| 2   | Creation of Orang Nature Camp    | 16.5.1    | 7.2.1.2 | 26.588 N 92.306E (Rangagorah Village)              | eco-education camps with dining facility | 0% |  | 20 | 0   | 26.588 N 92.306E (Rangagorah Village)              | 1   | 22.5 | 22.5  | OTR is surrounded by people with poor socio-economic status and are unsustainably dependent on the forests. Orang Nature Camp is a tentage based camps near the national park which will be staffed and maintained by the members of Rangagorah Eco-Development Committee. This premises will be used to conduct nature camps for the students as well as accomodation for visitors. Currently there is no accomodation facility for the visitors around Orang National Park and this premises would give sustainable livelihood opportunities to the fringe villagers directly and indirectly by increasing the stay period of the visitors. |


  
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| MAINSTREAMING WILDLIFE CONCERNS |   |           |         |   |    |      |      |     |     |   |   |      |     |  |
|---------------------------------|---|-----------|---------|---|----|------|------|-----|-----|---|---|------|-----|--|
| 1                               | Man-Animal Conflict Management                  | 16.10.1.1 | 7.2.2.2 | Riverine islands of the Brahmaputra on the Eastern, Western and Southern sides of the OTR | LS | 100% |      | 0.5 | 0.5 | Riverine islands of the Brahmaputra on the Eastern, Western and Southern sides of the OTR |   | LS   | 0.5 | Straying of wild animals specially Tiger & Rhino 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 rivierine 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. |
| 2                               | Reducing man-animal conflict                    | 16.10.1.1 | 7.2.2.2 |   |    |      |      |     |     | All over OTR  |   | LS   | 0.5 | To take up necessary anti depredation activities in the buffer areas that include cost of kerosene, crackers, logistics to EDC members/public.   |
| 3                               | Capturing problematic and aberrant wild animals | 16.10.1.2 | 7.2.2.2 | Wherever necessary  | 2  | 100% | 0.75 | 1.5 | 1.5 | Wherever necessary  |   | LS   | 1.5 | Financial back up is very essential to handle such emergency as it requires lot of money to generate /mobilization of such rescue operations.  |
| 4                               | Monitoring of wild animals                      | 16.10.1.3 | 7.2.2.2 | Fringe Villages of ONP i.e. the Buffer area of OTR  | LS | 0%   |      | 1   | 0   | Fringe Villages of ONP i.e. the Buffer area of OTR  |   | LS   | 1   | Anti-deptredation squads are formed around the OTR comprising the fringe villagers in dealing with the monitoring of straying wild animals and there is need to provide basic amenities such as torches, batteries, caps,tarpoleins etc. to the squads for ease of duty and adequate motivation.   |
| 5                               | Wildlife Conservation Awareness                 | 16.10.2   | 7.2.2.4 | Fringe Villages of ONP i.e. the   | 4  | 0%   | 0.5  | 2   | 0   | Fringe Villages of ONP i.e. the Buffer area   | 4 | 0.25 | 1   | OTR is surrounded by villages in its notified buffer. In light of Human-wildlife co-existence there is need for wildlife conservation campaign   |

  
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|--|--|--------|---------|--|----|------|-------|-----------|----------|---|----|------|----------------------------|--|
|  |  |        |         | Buffer area of OTR   |    |      |       |           |          | of OTR  |    |      |                            | all around the OTR. Wildlife Week, World Tiger Day, World Rhino Day and other important Awareness Programmes headed by esteemed dignitaries.   |
| 6  | To carry out prophylactic immunization of cattle in and around Tiger Reserve | 16.3   | 8.3.2   | 1)26.579 N<br>92.358 E<br>2)26.576 N<br>92.406 E<br>3)26.512 N<br>92.251 E<br>4)26.567 N<br>92.286 E<br>5)26.539 N<br>92.263 E | 4  | 100% | 0.25  | 1         | 1        | Baghbari (Fotasimolu)<br>Belsiri (Bosasimolu)<br>Rongagorah Dailmari (Chandanpur) | 4  | 0.25 | 1                          | Mandatory activity under S/33A 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 4 locations around the park. |
| <b>Sub Total</b>                                       |  |        |         |  |    |      |       | <b>30</b> | <b>3</b> |   |    |      | <b>30</b>                  |  |
| <b>Total (Non-Recurring Core+Non-Recurring Buffer)</b> |  |        |         |  |    |      |       | <b>30</b> | <b>3</b> |   |    |      | <b>196.73</b><br><b>72</b> |  |
| <b>RECURRING (R)</b>                                   |  |        |         |  |    |      |       |           |          |   |    |      |                            |  |
| <b>CORE</b>  |  |        |         |  |    |      |       |           |          |   |    |      |                            |  |
| <b>ANTI-POACHING ACTIVITIES</b>                        |  |        |         |  |    |      |       |           |          |   |    |      |                            |  |
| 1  | Deployment of Camp Laboures, drivers, mahouts and other skilled personnel    | 16.1.3 | 7.2.2.1 | All over OTR   | 80 | 100% | 1.253 | 100.24    | 100.24   | All over OTR  | 80 | 1.26 | 100.8                      | There are 80 number of personnel who have been engaged for smart patrolling, maintenance of departmental elephants, drivers, boatmen to substantiate the shortage of staff. As all the staff engaged are performing semi-skilled/skilled work of the park and as per the latest minimum wages for semi-skilled staff                                   |

  
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|---|---|--------|---------|--|-----------|------|---|----|----------------------|---|-----------|-----|------|---|
|   |   |        |         |  |           |      |   |    |                      |   |           |     |      | is Rs. 350/day.   |
| 2 | Repairing of Staff Quarter at Range office                                      | 16.2.i | 12.4.1  |  |           |      |   |    | 26.588 N<br>92.313 E | 4   | 0.25      | 1   |      | Regular maintenance of staff quarter  |
| 3 | Maintenance of existing patrolling camps/chovikis                               | 16.1.3 | 7.2.2.1 | 26.585 N<br>92.356 E<br>(Baghbari)<br><br>26.569 N<br>92.372 E<br>(Pichola)<br><br>26.577 N<br>92.363 E<br>(Khairasali)<br><br>26.5373<br>N 92.302<br>E<br>(Tinkona) | 10        | 100% |   | 10 | 10                   | 1) Boatcamp<br>2) Bejimari<br>3) Satsimolu<br>4) Hatidepot<br>5) Singveti<br>6) Rahmanpur | 6         | 1   | 6    | Every camp of the 40 APCs needs to be painted on the interior and exterior once in 5 years for good maintainance of the camp and better work culture. There is need of repair in many camps due to damages caused by weather, wildlife and age of the buidlings. This year a total of 6 anti-poaching camps are proposed for repairing, white washing & painting. |
| 4 | Requirement of POL for the departmental vehicles including mechanized boats for | 16.1.7 | 7.2.2.1 | All over OTR   | 12 months | 100% | 1 | 12 | 12                   | All over OTR  | 12 months | 1.2 | 14.4 | Adequate POL supply for the departmental vehicles including mechanized boats is essential for the regular patrolling duties and official works throughout the year.   |

  
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|--|---|------------|-------------|--------------------------------------|---|------|-------|---|--------------|--------------------------------------|------|-----|---|--|
|  | regular patrolling and Operation Monsoon                        |            |             |                                      |   |      |       |   |              |                                      |      |     |   |  |
| 5                                      | Maintenance of POL for OBM & Mechanized boat                    | 16.1. viii | 7.2.2. 1.7  |                                      |   |      |       |   | All over OTR | 12 months                            | 0.25 | 3   | Mechanized and OBM boats are used for anti-poaching patrolling and management of stray animal in riverine areas of brahmaputra throughout the year. |  |
| 6                                      | Intelligence gathering  | 16.1.12    | 7.2.2. 1    | All over OTR                         | LS                                      | 0%   | 1     | 0 | All over OTR | LS                                   |      | 1   | For Maintenance of intelligence network   |  |
| 7                                      | Maintenance of wireless network                                 | 16.1.v     | 7.2.2. 1.11 |                                      |   |      |       |   | All over OTR |                                      |      | 1.5 | Maintenance of Necessary wireless item for communication throuout the year.   |  |
| 8                                      | Maintenance of country boat                                     | 16.1.20    | 7.2.2. 1.7  |                                      |   |      |       |   | All over OTR | 20                                   | 0.1  | 2   | Regular maintenance of country boat required  |  |
| 9                                      | Maintenance of Mechanized boat                                  | 16.1.20    | 7.2.2. 1.7  |                                      |   |      |       |   | All over OTR | 2                                    | 1    | 2   | Regular maintenance of mechanized boat required   |  |
| <b>STRENGTHENING OF INFRASTRUCTURE</b> |   |            |             |                                      |   |      |       |   |              |                                      |      |     |   |  |
| 1                                      | Extension of existing water supply to staff quarter at range HQ | 16.2.1     | 7.2.2. 3.2  | 1)26.588 N<br>92.313 E<br>(Range HQ) | 14 Nos. of Quarters Tank repair         | 100% |       |   |              | 1)26.588 N<br>92.313 E<br>(Range HQ) |      | LS  | 2.5   | Extension of existing water supply systems from the central tank that supplies water from range office to staff quarter.   |
| 2                                      | Maintainance of Tube Wells                                      | 16.2.1     | 7.2.2. 3    | All over OTR                         | There are a total of 60 tubewells which | 0%   | 0.016 | 1 | 0            | All over OTR                         |      | LS  | 1   | 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 source including drinking and cooking |

|   |  |         |      |                                |  |      |  |   |   |                                |    |     |   |   |
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|   |  |         |      |                                | need maintainance  |      |  |   |   |                                |    |     |   |   |
| 3 | Maintenance of the Field Director Office | 16.2.1  | 12.4 | 26.43 N<br>92.02 E<br>(Div HQ) | 1)<br>Changi<br>ng the<br>Ceiling<br>of the<br>Office<br><br>2)<br>Paintin<br>g the<br>interior<br>s | 100% |  | 2 | 2 | 26.43 N<br>92.02 E<br>(Div HQ) |    | 1   | 1 | Repairing & painting of field directors office .  |
| 4 | Maintenance of FD's quarter              | 12.4    |      |                                |  |      |  |   |   | 26.43 N<br>92.02 E<br>(Div HQ) |    | 1   | 1 | Repairing & painting needed in FD's quarter.  |
| 5 | Maintenance of ACF's quarter             | 12.4    |      |                                |  |      |  |   |   | 26.43 N<br>92.02 E<br>(Div HQ) |    | 1   | 1 | Repairing & painting needed in ACF's quarter.   |
| 6 | Maintenance of Forester Quarter          | 12.4    |      |                                |  |      |  |   |   | 26.43 N<br>92.02 E<br>(Div HQ) | 2  | 0.5 | 1 | Repairing & painting needs in 2 nos. of Forester's quarter  |
| 7 | Maintenance of Forest Guard Quarter      | 12.4    |      |                                |  |      |  |   |   | 26.43 N<br>92.02 E<br>(Div HQ) | 2  | 0.5 | 1 | Repairing & painting needs in 2 nos. of Fgd's quarter   |
| 8 | Maintenance of Anti-Poaching Tongshi     | 7.2.2.3 |      |                                |  |      |  |   |   | All over OTR                   | 10 | 0.1 | 1 | For staff to perform their anti-poaching activities smoothly and also provide temporary shelter in case of emergency. Maintaining of these tongshis is also highly required to prevent poaching activities. |



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| 9  | Maintenance of Elephant Squad                                | 16.1.xi |         |              |   |      |  |   |   | All over OTR | 10  | 0.2 | 2 | OTR has 42 camp Elephant. These elephants are used for regular anti-poaching patrolling as well as Eco tourism activities. The fund will be used to upkeep these elephants.  |
| 10 | Maintenance of Solar Light Systems of the antipoaching camps | 16.2.1  | 7.2.2.3 | All over OTR | 1) Annual Maintenance(4 times after each quarter) @Rs. 1.06 lakhs<br>2)Replacement of parts of the Solar Light Systems and Solar fences as per the need after regular check-up (Lumpsum)@ Rs. 1.5 | 100% |  | 3 | 3 | All over OTR | 1) Annual Maintenance(4 times after each quarter) @Rs. 1.06 lakhs<br>2)Replacement of parts of the Solar Light Systems and Solar fences as per the need after regular check-up (Lumpsum)@Rs. 1.94 lakhs |     | 3 | 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 antipoaching camps.<br>2) Replacement of defective Solar plate & battery & inverter etc. if need may arise after the quarterly check-up. Also many camps have outdated equipment which needs replacement. |

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|    |  |        |         |              | lakhs |  |   |   |   |              |   |     |     |   |
| 11 | Upgradation of Solar power facilities of the anti-poaching camps | 16.2.1 | 7.2.2.3 | All over OTR | 5     |  | 1 | 5 | 5 | All over OTR | 4 | 1.2 | 4.8 | There is a need to upgrade the solar power facilities so as to enable the camps with atleast 2 running ceiling fans to beat the heat. |

  
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|----|-----------------------------|--------|----------|--|--|------|--|-----|-----|---|---|-------|---|---|
| 12 | Maintenance of Solar Fences | 16.2.1 | 7.2.1, 4 | 1) 26.587 N 92.348 E (Baghbari) to 26.571 N 92.370 E (Pachnoi)<br>2) 26.537 N 92.264 E (Kasomari Tower) to 26.500 N 92.247 E (Hazarbigha)<br>3) 26.588 N 92.306 E (Bejimari tongshi) to 26.550 N 92.276 E (Old Orang)<br>3) 26.588 N 92.308 E (Maingate) to 26.594 | 1) 18 km of Fencing Rs. 4000/km/ each time 3 times a year<br>2) Replacement of fence wire, insulators etc. as per requirement-LS | 100% |  | 2.5 | 2.5 | 1) 26.587 N 92.348 E (Baghbari) to 26.571 N 92.370 E (Pachnoi)<br>2) 26.537 N 92.264 E (Kasomari Tower) to 26.500 N 92.247 E (Hazarbigha)<br>3) 26.588 N 92.306 E (Bejimari tongshi) to 26.550 N 92.276 E (Old Orang)<br>3) 26.588 N 92.308 E (Maingate) to 26.594 N 92.328 E (Beelpar Tongshi) | 1) Solar fence maintenance all over OTR (18km @ .4/km)<br>2) Replacement of fence wire, insulators etc. as per requirement-LS | 18 km | 3 | 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. |
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|    |                                   |        |               | N<br>92.328 E<br>(Beelpar<br>Tongshi)   |   |      |  |     |     |                 |       |     |   |  |
| 13 | Maintenance<br>of kuccha<br>roads | 16.2.2 | 7.2.2.<br>1.9 | 1) 26.584<br>N<br>92.399 E<br><br>26.567 N<br>92.402 E<br>(Belsri to<br>Lachit<br>Camp)<br>2) 26.575<br>N<br>92.401 E | Baghba<br>ri to<br>Khoiras<br>ali road<br>wideni<br>ng and<br>road<br>mainte<br>nance<br>@ Rs.<br>0.5<br>lakh/k | 100% |  | 4.8 | 4.8 | All over<br>OTR | 20 km | 0.3 | 6 | The kuccha roads of OTR are severely damaged during the monsoons as they are under the Brahmaputra and Dhansri rivers' flood water along with spells of swampiness. Hence they need dressing, earthfilling, jungle cutting and drain clearing for effective patrolling immediately post monsoons. So, out of 92 km of motorable kuccha road, 20km is proposed for the financial year 2022- |



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|  |  |  |  | 26.575 N<br>92.385 E<br>(Marisali<br>to<br>Ramdas)<br>3)26.567<br>N<br>92.402 E  | m<br>Belsri<br>Area<br>networ<br>k @Rs.<br>0.2<br>lakh/k<br>m       |  |  |  |  |  |  |  |  |  |  |  |  | 23. |
|  |  |  |  | 26.563 N<br>92.374 E<br>(Lachit<br>to<br>Bogoriba<br>ri)<br>4)<br>26.5437<br>N<br>92.293 E<br>26.56<br>N<br>92.358 E<br>(Naorasis<br>a tower<br>to<br>Nichlam<br>ari<br>Camp)<br>5)<br>26.587N<br>92.349 E<br>26.577<br>N<br>92.363 E<br>(Baghbar<br>i Tower<br>to | other<br>interior<br>road<br>networ<br>k @Rs.<br>0.3<br>lakh/k<br>m |  |  |  |  |  |  |  |  |  |  |  |  |     |

  
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|    |   |        |               | Khoirasa<br>li Camp) |           |      |     |    |    |                 |        |     |    |   |
| 14 | Maintenance<br>of patrolling<br>path for<br>whole<br>season | 16.2.2 | 7.2.2.<br>1.9 | All over<br>OTR      | 100<br>Km | 100% | 0.1 | 10 | 10 | All over<br>OTR | 100 km | 0.1 | 10 | OTR has a patrolling path network of 104 Km which are very crucial in securing the Tigers and One-Horned Rhinoceros of the Reserve. These patrolling path are used by the staff for foot and elephant patrolling expect during the monsoons where patrolling is done on country boat and these paths act as boatlines. Such crucial lifelines warrant mantainance through jungle cutting and dressing 2 times in a financial year. The patrolling paths are to be 3m in width to avoid sudden encounters of wild animals and to ensure the safety of staff. |

  
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| 15 | Maintenance of bridges           | 16.2.5  | 7.2.2.1.9 | 1) 26.550 N<br>92.306 E<br>(Satsimal o-I)<br>2) 26.549 N<br>92.304 E<br>(Satsimal o-II)<br>3) 26.548 N<br>92.299 E<br>(Satsimal o-III)<br>4) 26.547 N<br>92.299 E<br>(Satsimal o-IV)<br>5) 26.540 N<br>92.314 E<br>(Tinkona -II) | 5                   | 100% | 0.6 | 3 | 3 | 1) Bontapu I<br>(26.5403861<br>1 N<br>92.32240833<br>E)<br>2) Tinkona I<br>(26.53960 N<br>92.30718 E<br>3) Baghbari<br>(26.5816 N<br>92.3561 E)<br>4) Old<br>Orang<br>(26.5481 N<br>92.2865 E) | 1  | 4      | There are 11 timber bridges in OTR which need regular maintenance after the monsoon season to maintain road communication. Currently there is a need to repair 4 bridges and the remaining bridges to be repaired as per the assessment post flood season. |
| 16 | Maintenance of Vehicle           | 16.2.8  | 7.2.2.1.7 | All over OTR   | All vehicles of OTR | 100% |     | 5 | 5 | All over OTR   | LS | 5      | Regular maintenance and servicing of vehicles is essential for better upkeep of departmental vehicles (Gypsies, Boleros, mechanized boats, country boats, motorbikes)  |
| 17 | Maintenance of office equipment. | 16.2.10 |           | 26.588 N<br>92.313 E<br>(Range HQ)<br><br>26.43 N<br>92.02 E<br>(Div HQ)   | LS                  | 100% |     | 1 | 1 | 26.588 N<br>92.313 E<br>(Range HQ)<br><br>26.43 N<br>92.02 E<br>(Div HQ)   | LS | 1.2628 | Procurement of Ink Cartridges, Papers, File & Covers, Folders, Servicing of Computers etc.   |



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30


| HABITAT IMPROVEMENT |  |      |           |  |  |      |     |      |      |  |       |     |     |   |
|---------------------|--|------|-----------|--|--|------|-----|------|------|--|-------|-----|-----|---|
| 1                   | Water Hyacinth removal from the Waterbodies  | 16.3 | 7.2.1.5   | <b>Beels</b><br>1)26.572 N 92.339 E (Roumari Beel)<br>2)26.576 N 92.353 E (Khoiras ali Beel) | 7 Ha of Beel area with an average of 50% coverage with Water Hyacinth, hence | 100% | 0.5 | 3.50 | 3.50 | 1) Molamari beel (26.5580 N 92.3506 E)<br>2) Naurasisa pond (26.5481 N 92.2923 E)<br>3) Rahmanpur pond (26.5647 N 92.3031 E)   | 2 ha  | 0.5 | 1   | There are a total of 26 Nos beels(wetlands) and 14 Nos Phukuris(Ponds) in the Park which are very productive ecosystems. The removal of aquatic weeds from the water body is necessary to maintain the quality of water for the survival of aquatic organism as well as for other wildlife. Currently 1 no Beel and 2 nos. pukhuris are infested with water hyacinth on a large scale, hence their removal is imperative for sustaining the productivity of these fragile ecosystems. |
| 2                   | Removal of invasives from the grasslands and restricting the Bombax ceiba mother trees | 16.3 | 7.2.2.2.1 | 1)26.571 N 92.318 E (Ramkong Area)<br>2)26.529 N 92.268 E (Borkhe Area)                      | 15 ha  | 100% | 0.3 | 4.5  | 4.5  | Mimosa Removal<br>1) Naurasisa to Haticamp (26.53824 N 92.28315 E)<br>2) Nicholamari area (26.56072 N 92.36814 E)<br>3) Bontapu to Tinkona (26.53960 N 92.30718 E)<br>Simul removal<br>1) Nicholamari area (26.56689 N | 15 ha | 0.3 | 4.5 | The grasslands of the park are infested with Mimosa sp., Mikania sp., Bombax sp. and their removal is imperative to maintain the grassland habitat. Also for mitigation of the spread of invasives the mother trees of the Bombax sp. in these grasslands are to be restricted from spreading further. The removal of Mimosa sp. and Mikania sp. is done phase wise over the years.   |

  
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|                                  |  |      |             |  |  |  |  |               | 92.35409 E)<br>2) Ramkong<br>area<br>(26.54656 N<br>92.33222 E) |      |   |                            |  |
| 3                                | Artificial<br>water<br>hole/De-<br>siltation | 16.3 | 7.2.1,<br>5 |  |  |  |  |               | Magurmari<br>Beel<br>(26.56365 N<br>92.32563 E)                 | 1 ha | 5 | 5                          | There are a number of waterbodies<br>which were once rich and productive<br>wetlands but lack water post<br>monsoon due to the siltation. Hence<br>desiltation needs to be carried out for<br>rejuvenating these waterbodies. The<br>silted up areas of the beels are to be<br>desilted in phases each year. |
| <b>Sub Total<br/>(Recurring)</b> |  |      |             |  |  |  |  | <b>168.54</b> | <b>166.54</b>   |      |   | <b>190.76</b><br><b>28</b> |  |
| <b>RECURRING (R)</b>             |  |      |             |  |  |  |  |               |   |      |   |                            |  |
| <b>BUFFER</b>                    |  |      |             |  |  |  |  |               |   |      |   |                            |  |
| <b>ANTI-POACHING ACTIVITIES</b>  |  |      |             |  |  |  |  |               |   |      |   |                            |  |

  
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|--------------------------------------|---|---------|---------|--|---|-----|------|---------------|---------------|--|---|------|---------------|--|
| 1                                    | Organizing surprise raids jointly with the local police and forest staff of other divisions | 16.1.6  | 7.2.2.1 | Wherever necessary in the following forest divisions and the districts<br>1)Sonitpur West Division<br>2)North Kamrup Division<br>3)Darrang District<br>4)Sonitpur District<br>5)Morigaon District<br>6)Nagaon District | 4 | 15% | 0.25 | 1             | 0.15          | Wherever necessary in the following forest divisions and the districts<br>1)Sonitpur West Division<br>2)North Kamrup Division<br>3)Darrang District<br>4)Sonitpur District<br>5)Morigaon District<br>6)Nagaon District | 4 | 0.25 | 1             | 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                                    | Legal support for defending court cases   | 16.1.13 |         |  |   |     |      |               |               | All over OTR   |   | LS   | 0.5           | In some situations, there is a need of engage proficient legal services in matters of wildlife offenses.   |
| <b>Sub Total</b>                     |   |         |         |  |   |     |      | <b>1</b>      | <b>0.15</b>   |  |   |      | <b>1.5</b>    |  |
| <b>Total Recurring (Core+Buffer)</b> |   |         |         |  |   |     |      | <b>169.54</b> | <b>166.69</b> |  |   |      | <b>192.26</b> | <b>28</b>  |
| <b>Grand Total</b>                   |   |         |         |  |   |     |      | <b>199.54</b> | <b>169.69</b> |  |   |      | <b>389</b>    |  |

  
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