

**No. 4-1(20)/2019-PT**  
Government of India  
Ministry of Environment, Forest and Climate Change  
Project Tiger Division

B-1 Wing, 7<sup>th</sup> Floor,  
Pt. Deendayal 'Antyodaya' Bhawan,  
CGO Complex, Lodhi Road,  
New Delhi-110003.  
Email: dig1-ntca@nic.in  
Tel (EPABX): 011-2436 7837-39  
Fax: 011 – 2436 7836

**Dated the 4<sup>th</sup> December, 2019**

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 Buxa Tiger Reserve, West Bengal during 2019-20 –reg.**

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Buxa Tiger Reserve, West Bengal at the cost of **Rs. 474.65 Lakhs (Rupees Four hundred Seventy Four lakhs Sixty Five thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 211.71 Lakhs (Rupees Two hundred Eleven lakhs Seventy One thousand only)** being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India and Government of West Bengal**. The remaining cost of the scheme will be treated as 60% Central Assistance by the Government of India and 40% assistance by the State Government of West Bengal.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 158.88 lakhs (Rupees One hundred Fifty Eight lakhs Eighty Eight thousand only)** as the 1<sup>st</sup> installment of Central Share towards the Grants-in-aid to Government of West Bengal during the current financial year 2019-20. 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 **Buxa Tiger Reserve** under the Project Tiger Scheme are not higher than those applicable to similar categories of

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- employees of Central Government and where it is not in accordance with above, the relaxation of Ministry of Finance have been obtained for such discrepancies as required under GFR 230(12)(I).
- (iv) Assets acquired wholly or substantially out of Government Grants shall not be disposed off without obtaining the prior approval of the sanctioning authority of Grants-in-aid.
  - (v) The **Government of West Bengal** agrees to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by Govt. of India.
  - (vi) The accounts of the **Buxa Tiger Reserve** shall be audited by C&AG or by any person authorized by him on his behalf in accordance with the provisions laid down in Section 14 of the C&AG (DPC) Act, 1971 as amended from time to time.
  - (vii) The accounts of the Project Tiger Scheme shall be open for inspection by the sanctioning authority and audit, both by the Comptroller & Auditor General of India under the provision of C&AG (DPC) Act, 1971 and internal audit party by the Principal Accounts Office of the Ministry whenever it is called upon.
  - (viii) The Utilization Certificate against the earlier funds released under Grants-in-aid have been received and accepted by the competent authority.
  - (ix) Government of West Bengal in respect of **Buxa Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2020.
  - (x) **Buxa Tiger Reserve** will spend Grants-in-aid exclusively in pursuance of the objectives envisaged in rules/memorandum of the Centrally Sponsored 'Project Tiger Scheme' and for the purpose it is being sanctioned.
  - (xi) Grants-in-aid to **Government of West Bengal** is subject to the Economy Instructions issued from time to time by the Ministry of Finance or by the Competent Authority.
  - (xii) Grants-in-aid shall be utilized before the end of the current financial year 2019-20 and unspent balance, if any, will be refunded by **Government of West Bengal** to the **Govt. of India**.
  - (xiii) Government of West Bengal in respect of **Buxa 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 **Buxa 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 (**Buxa Tiger Reserve**) and **Government of West Bengal**.
  - (xv) Monitorable outcomes on the item of works contained in the sanction letter both in physical and financial terms are required to be furnished in the monthly report regularly. Compliance status on Tripartite Memorandum of Understanding is required before submission of additional or ensuing year's Annual Plan of Operation (APO).
  - (xvi) The expenditure should be limited to the amount released and in no case should be done in anticipation of further release by the Ministry.
  - (xvii) **The payments of daily wagers should be done through account transfer / account payee Cheques only duly linked with Aadhar Number.**
  - (xviii) It may please be ensured that there is no duplication of nature and items of work being proposed in the same area under the Centrally Sponsored Scheme of Project Tiger and other Centrally Sponsored Schemes such as Project Elephant, Eco-development and 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.

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- (xxiv) Compensation for loss due to wildlife is to supplement the State Government fund as per the rules of State Government.
- (xxv) Funds released under the scheme shall not be diverted for any activity other than specified herein.
- (xxvi) As the TCP of **Buxa Tiger Reserve** has finalized, therefore funds to be spent only on approved items in TCP.
- (xxvii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.
- (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.
- (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) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or C&AG.
- (xxxvii) All guidelines under the project is to be followed scrupulously.
- (xxxviii) The UC with physical progress report and satellite photo with physical deliverable with date and latitude – longitude coordinates before and after completion of work be obtained of each tiger reserve and uploaded on the website of the implementing agency as well as the Ministry for public access.
- (xxxix) The measurable outcome under the project (quantified) in terms of number of tigers in tiger reserve, eco-tourism in tiger reserve, %age decrease in man-animal conflict etc., may also be submitted in the progress report.
- (xl) All labour payments strictly by DBT.

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

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

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

6. No deviation from the approved items of expenditure as enumerated in the annexure shall be made without prior concurrence of the Government of India. The guidelines of National Tiger Conservation Authority should be fully adhered to. The Chief Wildlife Warden and the Principal Chief Conservator of

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Forests of the State Government should be directed to ensure that the field works are in accordance with the Tiger Conservation Plan and the Annual Plan of Operation by the field inspections from time to time.

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

8. The expenditure incurred is adjustable to the Demand No. 25 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2019-20 :

| <b>Scheme</b>                               | <b>Budget Head</b>          | <b>Amount<br/>(Rs. in lakhs)</b> |
|---|-----------------------------|----------------------------------|
| Centrally Sponsored Scheme of Project Tiger | 3601.06.101.02.01.31 (Gen)  | 135.06                           |
| Centrally Sponsored Scheme of Project Tiger | 3601.06.789.02.01.31 (SCSP) | 11.91                            |
| Centrally Sponsored Scheme of Project Tiger | 3601.06.796.02.01.31 (TSP)  | 11.91                            |
| <b>Total</b>                                |                             | <b>158.88</b>                    |

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 125357/AS&FA (PG) dated 27.11.2019.

Yours faithfully,

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(Surender Mehra)

**Deputy Inspector General of Forests (PT)**

Copy to:-

1. The Secretary (Forests), Govt. of West Bengal. A copy of the detailed sanction letter issued by the State Government in respect of this scheme for 2019-20 may kindly be furnished to this Ministry immediately.
2. The Secretary (Finance), Govt. of West Bengal.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of West Bengal.
4. The Field Director, Buxa Tiger Reserve, West Bengal.
5. The Accountant General, West Bengal.
6. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
7. IG, NTCA Regional Office, Guwahati.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.

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(Surender Mehra)

**Deputy Inspector General of Forests (PT)**

**BUXA TIGER RESERVE, WEST BENGAL  
ANNUAL PLAN OF OPERATION 2019-20**

**Annexure**

| S. No.                    | Activity                           | Item  | Para No. CSS PT Guidelines | Para No. TCP | Previous Year Details (2018-19) |                           | No. of Items (Physical Target) | Specification / Description | Location/GPS Coordinates | Unit Price (Rs.)   | Total (Financial Target) (Rs. in Lakh)   | Justification |        |   |
|---------------------------|------------------------------------|---|----------------------------|--------------|---------------------------------|---------------------------|--------------------------------|-----------------------------|--------------------------|--|--|---------------|--------|---|
|                           |                                    |   |                            |              | Target                          | Achievement (Rs. in Lakh) |                                |                             |                          |  |  |               | Target | Achievement (Rs. in Lakh)   |
| <b>NON-RECURRING-CORE</b> |                                    |   |                            |              |                                 |                           |                                |                             |                          |  |  |               |        |   |
| 1                         | Anti-Poaching                      | Providing support to tiger reserves for raising, arming and deploying Special Tiger Protection Force (STPF).  | 16.1.1                     | 10.2         | LS                              | 32.52                     | LS                             | 32.52                       | 6480                     | Engagement of Civic volunteers/Civil defence personnel/skilled camp labourers @ 3 Persons/ chowki X 3 shift on 8 hrs rotation for 2 such chowki/yr                               | NA   | 294           | 19.05  | For strengthening anti-poaching duty, Forest patrolling, monitoring wildlife movements etc.   |
| 2                         | Anti-Poaching                      | Organizing vehicular patrolling by constituting squads (Tiger Protection Force) comprising of field staff, laborers and police or SAF or ex-army personnel or home guards with wireless handset and paraphernalia for apprehending offenders, apart from prescribing a patrolling calendar for the squad. | 16.1.4                     | 10.3         | LS                              | 9.31                      | LS                             | 9.31                        | 2                        | Engagement of hired vehicle for conducting anti-poaching duty, Special raid programme, night patrolling, Forest patrolling etc to protect forests and wildlife through the year. | 28° 40' 16" N, 89° 43' 41" E<br>26° 41' 02.82" N, 89° 39' 08.42"E<br>26° 42' 06.2" N, 89° 32' 52.2" E<br>26° 41' 5.42" N, 89° 38' 1.14"E,<br>26° 33' 66" N, 89° 36' 88.2"E,<br>26° 41' 24.32" N, 89° 24' 2" E,<br>26° 41' 24.32" N, 89° 24' 18.3" N, 89° 24' 18.3" N, 89° 24' 55.5" E, 26° 38' 7.4" N, 89° 28' 14.4" E, 26° 33' 32.8" N, 89° 31' 97.2" E | 294           | 5.73   | For strengthening anti-poaching duty, Forest patrolling, monitoring wildlife movements etc. (Vehicle @580/day=20400 x 12 month=244800 & Fuel @70/ltr 338 ltr/month x 12 month=283920)   |
| 3                         | Strengthening                      | Creation of fire lines and fire breaks.   | 16.2.14                    | 7.2.2.3a     | NA                              |                           |                                |                             | 130 km                   | Upkeeping, cleaning and creation of fireline @ 15m/skm i.e. 1950m/s (ERYK,HTG,Pana,NMT,EDPO, BD,JNT,(KG,NRD)   |  |               |        | Maintenance of fireline to improve the habitat quality, grassland management  |
| 4                         | Maintainance of wildlife corridors | Construction of enclosure   | 16.2.1                     | 7.2.2.1      |                                 |                           |                                |                             | LS                       | Construction of enclosure (1 to 1.5 ha approx.) in connection with tiger augmentation programme as approved by NTCA @ 55000000 at Alipurduar and maintenance -@7000000           | NA   | LS            | 62.00  | Tiger augmentation programme in BTR will be implemented as approved by NTCA for which an enclosure will be set up to house translocated tiger / tigris from adjoining landscape. The design and specification of the enclosure will be in terms of WII/Dehradun recommendation. Additional amount if required will be met out with state funds. |

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|    |                                    |  |          |                       |    |      |    |      |       |  |  |        |       |  |
|----|------------------------------------|--|----------|-----------------------|----|------|----|------|-------|--|--|--------|-------|--|
| 5  | Strengthening                      | Establishing Monitoring system for Tigers & Intensive protection and Ecological Status (M-Stripes) monitoring. | 16.2.14  | 9.2                   | LS | 4.00 | LS | 4.00 | LS    | Conducting Phase -IV protocol including herbivore census, vegetation status, biotic interference, camera trapping including implementation of M-Stripes protocol etc.                    | All over Tiger Reserve   | LS     | 10.00 | Implementation of M-Stripes protocol, herbivore census, vegetation status, biotic interference, camera trapping etc.   |
| 6  | Strengthening                      | Establishing E-surveillance.   | 16.2.29  | 10.2                  | LS |      | LS |      | LS    | Establishing E-surveillance to improve patrolling.   | NA   | LS     | 5.00  | Android, iPhones, Photocopier, Desktop PC, Printer, UPS etc will be procured to facilitate implementation of M-Stripes protocol @Rs 8827.00 per handset and 2Nos Computer Set @76304 per computer. Quantity of android phones will depend on the actual market value and availability of the suggested model). |
| 7  | Strengthening                      | Procurement of Hardware.   | 16.2.10  | 10.2                  | LS | 8.68 | LS | 8.68 | LS    | Procurement of Android phone, Photocopier, Desktop PC-2, Printer-2, UPS-2 etc  | NA   | LS     | 10.00 |  |
| 8  | Strengthening                      | Construction of patrolling camp. (curves).   | 16.2.11  | Part-5(B)(v) Page-367 | 16 | 8.00 | 16 | 8.00 | 16    | Construction of patrolling camp.   | NA   |        |       | To restore the arterial patrolling roads to all season mobility for effective patrolling and antipoaching duties   |
| 9  | Mainstreaming of wildlife concerns | Habitat improvement measures.  | 16.10.15 | 7.2.1.1.2             |    |      |    |      | 30ha  | Creation of Grassland-30 ha BTR(W) ERVK Range, BTR(E) SRD Range  | 26° 33' 27.48" N, 89° 45' 26.87" E, 26° 33' 66.0" N, 89° 36' 89.2" E, 26° 36' 22.1" N, 89° 45' 25.3" E, 89° 45' 25.3" E, N-26 37' 3.8" & E-89 33' 39.6" N-26 36' 41.1" & E-89 33' 23.7" N-26 36' 13.9" & E-89 33' 24.1" N-26 36' 14.5" & E-89 33' 15.9" N-26 36' 39.9" & E-89 33' 16.4" N-26 37' 4.3" & E-89 33' 29.2" | 44495  | 13.34 | Creation of Grassland to improve habitat for herbivores  |
| 10 | Mainstreaming of wildlife concerns | Habitat improvement measures.  | 16.10.1  | 7.2.1.1.2             |    |      |    |      | 10 ha | Maint. of grassland plantation: 10 ha Nimati Range, Nimati West, NMT-3 comppt, BTRW Divt-10ha  | 26° 39' 7.10" N, 89° 26' 14.4" E   | 12041  | 1.20  | Grassland maintenance after improvement of habitat.  |
| 11 | Mainstreaming of wildlife concerns | Habitat improvement measures.  | 16.10.15 | 7.2.1.1.2             |    |      |    |      | 25 ha | Maint. of grassland plantation: 50 South Raikak Range, South Raik Beat, SRD-5 Comppt BTR Division-18 ha, SRD - 7, 7 ha BTR(W) - Nimati Range, Nimati West, NMT-3 -25                     | 26° 39' 7.10" N, 89° 26' 14.4" E   | 17448  | 4.38  | Grassland maintenance for improvement of habitat   |
| 12 | Mainstreaming of wildlife concerns | Habitat improvement measures.  | 16.10.15 | 7.2.1.1.2             |    |      |    |      | 1     | Maintenance of Central Fodder species nursery plantation: 50 South Rydak Range, South Rydak Beat SRD-5 Comppt. BTR Division-18 ha, SRD-7ha, BTR(W) - Nimati Range, Nimati West, NMT-3-25 | 26° 37' 46.4" N, 89° 31' 2.1" E  | 200000 | 2.00  | Creation of permanent nursery for fodder species in either in BTR(E) or BTR(W)   |

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|                                   |                   |   |           |                |  |  |  |    |  |   |  |               |  |   |
|-----------------------------------|-------------------|---|-----------|----------------|--|--|--|----|--|---|--|---------------|--|---|
| 13                                | Staff Development | Study hours for appraisal of good practices in other reserves.      | 16.8.5    | 8.4.3          |  |  |  | LS | Study tour for Officers and field staff in nearby Tiger Reserve areas.   | NA  | LS   | 2.50          | To gain experience on management of PAs and tiger reserves.  |   |
| 14                                | Staff Development | Dissemination workshops.  | 16.8.6    | 8.5            |  |  |  | LS | Conducting workshop on Tiger augmentation programme, stakeholders meeting, census of prey and predator, man animal conflict etc. | NA  | LS   | 3.00          | Conducting workshop on Tiger augmentation programme, stakeholders meeting, census of prey and predator, man animal conflict etc. |   |
| 15                                | Staff welfare     | Provision for ration allowance to field staff, Assistant Commandant | 16.16.2.1 | 8.5.1          |  |  |  | LS | Provision for ration allowance to field staff  | NA  | LS   | 55.00         | Project Tiger norms  |   |
| <b>Total (Non-Recurring Core)</b> |                   |   |           |                |  |  |  |    |  |   |  | <b>203.74</b> |  |   |
| <b>NON-RECURRING-BUFFER</b>       |                   |   |           |                |  |  |  |    |  |   |  |               |  |   |
| 16                                | Strengthening     | Upgradation of road network.  | 16.2.2    | Part -5 J(iii) |  |  |  | NA | 50 km  | Repairing and maintenance of existing road network. |  | 50000         | 25.00  | Repairing and maintenance of existing road network to facilitate vehicle & Staff movement |
|                                   |                   |   |           |                |  |  |  |    |  |   | 26° 42' 22.9" N<br>89° 44' 45.9" E<br>26° 35' 44.62" N<br>89° 51' 48.22" E<br>26° 34' 32.45" N<br>89° 51' 42.02" E<br>89° 50' 17.97" E<br>& 26° 33'<br>24.39" N 89° 50'<br>8.71" E & 26° 29'<br>56.44" N 89° 51'<br>48.2" E & 26° 35'<br>38.57" N 89° 51'<br>18.58" E & 26°<br>33' 30.49" N<br>26.36.45.62" N &<br>89.46.40.76" E<br>26.41.54.19" N &<br>89.45.16.79" E<br>26.39.16.98" N &<br>89.42.38.33" E<br>26.38.55.29" N &<br>89.41.98.27" E<br>26.39.1.02" N &<br>89.43.12.36" E<br>26.39.49.70" N &<br>89.42.9.96" E<br>26.35.10.98" N &<br>89.44.1.51" E<br>26.32.11.77" N &<br>89.44.0.69" E<br>26.33.35.02" N &<br>89.43.42.46" E<br>26.33.0.49" N &<br>89.43.58.21" E<br>26.30.7.58" N &<br>89.44.4.11" E<br>26.33.5.14" N &<br>89.45.2.45" E<br>26.33.6.51" N &<br>89.45.8.08" E<br>26.33.4.68" N &<br>89.43.43.47" E<br>26.4.11.6.88" N &<br>89.46.56.48" E<br>26.40.51.78" N &<br>89.46.41.68" E |               |  |   |

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|              |                                 |  |          |        |    |       |      |  |   |       |      |   |
|--------------|---------------------------------|--|----------|--------|----|-------|------|--|---|-------|------|---|
| 17           | Mainstreaming wildlife concerns | Redressing man-animal conflict.  | 16.10.11 | 7.2.14 | LS | 15.00 | 24   | Hiring of vehicle for recovery of strayed animal. Making Capturing strayed animal etc. | NA  | 25000 | 6.00 | Hiring of vehicle for recovery of strayed animal. Making Capturing strayed animal etc. (We have no Departmental vehicle dedicated and customised for this purpose. different types of vehicles hired for different animals as required depending on the species)  |
| 18           | Mainstreaming wildlife concerns | Anti-poaching operations.  | 16.10.14 | 13.1   | LS | 7.70  | 2790 | Special anti-poaching operation during holi& monsoon                                   | 26° 41' 42" N, 89° 48' 23" E<br>26° 38' 53" N, 89° 45' 52" E<br>26° 30' 10" N, 89° 50' 32" E<br>26° 35' 05.8" N, 89° 50' 48.47" E<br>26° 35' 52.53" N, 89° 45' 08.85" E | 294   | 8.20 | Special anti-poaching operation during holi& monsoon season by engaging labourer & SSB personnel.   |
| 19           | Eco-Development                 | To carry out prophylactic immunization of cattle in and around Buxa Tiger Reserve. | 16.10    | 11.5   |    |       | 8000 | Immunization of cattle in forest fringe villages                                       | NA  | 33.33 | 2.00 | Immunization of cattle in forest fringe villages to facilitate wildlife health monitoring.  |
| 20           | Eco-Development                 | Care of rescued animals - procurement of full fledged tiger recovery vehicle       | 4.5.1    | 11.52  |    |       | LS   | Establishment of exclusive veterinary unit at Rajabhatkawa for care of rescued animals | 26° 30' 58.29" N, 89° 31' 54.79" E  | LS    | 8.00 | Establishment of exclusive veterinary unit at Rajabhatkawa for care of rescued animals. Construction of platform and shed for post mortem of dead animals, floor with vitrified tiles in laboratory, arrangement of water supply including sink and wash basin in the trauma care and post mortem sections, provision of electricity and emergency operation theatre will form part of infrastructure development. The logistical details will include operation table, operating instruments, microscope and pulse oxymeter, blood analysing machines, chemicals and other ingredients as per requisition of the Veterinary Officer. |
| <b>Total</b> |                                 |  |          |        |    |       |      |  |   |       |      | <b>49.2</b>   |

| <b>Non-Recurring - Annual Plan of Operation for Adjoining Area of Buxa Tiger Reserve, West Bengal (Jaidapara National Park and Neora Valley National Park)</b> |               |   |         |         |  |  |    |  |        |      |      |                                     |
|--|---------------|---|---------|---------|--|--|----|--|--------|------|------|-------------------------------------|
| 21   | Strengthening | Procuring camera traps (Jaidapara National Park)  | 12.2    | 16.2.22 |  |  | 20 | a) Procuring camera traps                            | 20000  | 4.00 | 4.00 | Madarihat: 26°41m47s N, 89°17m6s E  |
| 22   | Strengthening | Improvement of Sambhar translocation at Jaidapara | 16.2.22 |         |  |  | 1  | b) Improvement of Sambhar translocation at Jaidapara | 100000 | 1.00 | 1.00 | Jaidapara: 26°37m59s N, 89°18m21s E |
| 23   | Strengthening | Procuring camera traps (Non-recurring)            | 16.2.22 |         |  |  | 20 | a) Procuring camera traps                            | 20000  | 4.00 | 4.00 |                                     |

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|                       |               |  |         |        |  |        |  |  |  |    |                             |        |      |  |
|-----------------------|---------------|--|---------|--------|--|--------|--|--|--|----|-----------------------------|--------|------|--|
| 24                    | Strengthening | Procurement of Binocular (Non-recurring) | 16.2.22 |        |  |        |  |  |  | 10 | b) Procurement of Binocular | 10000  | 1.00 |  |
| Total: Adjoining Area |               |  |         | 22.7   |  | 22.7   |  |  |  |    |                             | 10.00  |      |  |
| Total-Non Recurring   |               |  |         | 145.99 |  | 145.99 |  |  |  |    |                             | 262.94 |      |  |

**Recurring-Core**

|    |               |   |        |                      |  |  |  |  |    |    |      |   |        |   |   |  |       |  |  |
|----|---------------|---|--------|----------------------|--|--|--|--|----|----|------|---|--------|---|---|--|-------|--|--|
| 25 | Strengthening | Maintenance of road network               | 16.2.2 | Part-5,J(iii) Page-3 |  |  |  |  | NA | LS | 7.50 | 9 | 7.50   | 50 km   | Cost of maintenance of existing road, patrolling path etc.                            | 26°41'02.59" N, 89°35'08.34" E, 26°40'09.29" N, 89°36'05.95" E, 26°41'03.06" N, 89°37'04.13" E, 26°41'54.9" N, 89°32'31.8" E, 89°32'27.20" E, 26°40'30.67" N, 89°35'14.15" E, 26°40'57.30" N, 89°36'49.08" E, 26°40'57.10" N, 89°37'45.58" E, 26°40'19.68" N, 89°34'29.26" E, 26°40'36.24" N, 89°38'01.1" E, 26°39'21.32" N, 89°38'43.31" E, 26°39'51.84" N, 89°37'36.24" E, 26°41'55.42" N, 89°36'33.85" E, 26°43'37.99" N, 89°32'36.11" E, 26°44'50.90" & 89°31'18.69" & 26°44'44.00" & 89°31'29.80" & 26°43'54.55" & 89°31'10.80" & 26°43'37.05" & 89°31'31.07" & 26°48'25.59" & 89°27'34.19" & 26°45'59.30" & 89°27'56.50" & 26°34'15.38" & 89°37'17.47" & 26°36'31.57" & 89°36'34.06" | 30000 | 15.00  | Maintenance of forest road to facilitate vehicular patrolling. |
| 26 | Strengthening | Maintenance of bridges.                   | 16.2.5 | Part-5,J(iii) Page-3 |  |  |  |  |    |    |      |   | 4 Nos  | Maintenance of existing wooden bridge   | 26°33'32.8" N, 89°31'47.2" E, 26°36'50.4" N, 89°32'40.4" E                            | 80000  | 3.20  | These wooden bridges are to be maintained in order to facilitate better communication and post release monitoring of Tiger |  |
| 27 | Strengthening | Maintenance of fire lines and firebreaks. | 16.2.6 | 7.2.2.3a             |  |  |  |  | NA |    |      |   | 150 km | Upkeeping, cleaning and creation of fireline @ 15m/s/km i.e. 2250m/s x 294 per mds. | 26°35'05.16" N, 89°50'45.47" E, 26°40'06" N, 89°36'02" E, 26°41'05.50" N, 89°36'02" E | 294  | 6.61  | Maintenance of fire lines to improve the habitat quality, strengthening grassland management.                              |  |

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|    |                                 |                               |         |                     |    |       |       |       |  |  |       |       |  |
|----|---------------------------------|-------------------------------|---------|---------------------|----|-------|-------|-------|--|--|-------|-------|--|
| 28 | Strengthening                   | Maintenance of earthen ponds. | 16.27   | 7.21.13             | 10 | 300   | 10    | 30    | Maintenance existing water hole (including maintenance of tankers) by way of removing algal growth, desilting, leakage sealing etc. BTR E Division-10 nos, BTRW-20 nos | 26° 40' 07.07" N, 89° 44' 09.38" E<br>26° 31' 46" N, 89° 39' 5" E<br>26° 43' 33.5" N, 89° 37' 26" E, 26° 33' 26.8" E, 26° 33' 26.8" E, 26° 41' 18.3" N, 89° 24' 55.5" E, 26° 33' 66.0, 89° 36' 89.2, 26° 37' 46.4, 89° 31' 2.1, 26° 33' 32.8, 89° 32' 40.4, 26° 44.1, 24° 32.1, 89° 24.2, 708, 26° 41' 16.3, 89° 24' 55.5  | 10000 | 3.00  | Desilting of existing including leakage repair of water holes is, procurement of water tanker etc essential to ensure water supply during lean period. |
| 29 | Strengthening                   | Maintenance of kuccha roads   | 16.22   | Part-5.(iii) Page-3 | NA | 60 km | 20000 | 12.00 | Maintenance of kuccha roads, patrolling paths etc  | 26° 39' 14" N, 89° 37' 26" E<br>26° 41' 14.4" N, 89° 32' 54.5" E, 26° 41' 17.83" N, 89° 47' 53.24" E, 26° 40' 89.2" N, 89° 38' 32.8" E<br>26° 41' 17.79" N & 89° 50' 35.59" E, 26° 41' 53.55" N & 89° 51' 38.31" E, 26° 42' 1.78" N & 89° 51' 24.61" E<br>26° 40' 55.95" N & 89° 51' 27.72" E S<br>26° 42' 38.65" N & 89° 48' 37.76" E, 26° 41' 1.64" N & 89° 50' 27.98" E, 26° 40' 12.73" N & 89° 51' 16.64" E<br>26° 39' 52.16" N & 89° 52' 5.78" E, 26° 40' 43.22" N & 89° 51' 5.92" E<br>26° 40' 13.18" N & 89° 51' 16.48" E, 26° 42' 23.34" N & 89° 51' 37.70" E, 26° 40' 59.27" N & 89° 51' 35.36" E<br>26° 41' 32.59" N & 89° 46.72" E, 26° 41' 18.84" N & 89° 32' 27.78" E, 26° 37' 50.25" N & 89° 40' 23.37" E, 26° 37' 24.47" E & 89° 40' 24.47" E<br>26° 38' 45.42" N & 89° 39' 56.54" E, 26° 43' 38.89" N & 89° 32' 50.22" E, 26° 40' 41.23" N & 89° 34' 24.94" E<br>26° 41' 55.08" N & 89° 32' 1.03" E, 26° 41' 38.02" N & 89° 33' 23.34" E, 26° 36' 34.86" E & 89° 36' 32.18" E, 26° 38' 40.37" E, 89° 35' 16.68" E, 26° 47' 3.00" E, 89° 29' 16.89" E, 26° 46' 8.00" E, 89° 27' 31.00" E, 26° 46' 56.55" E, 89° 27' 51.89" E, 26° 46' 18.00" E, 89° 28' 16.60" E, 26° 47' 1.86" E, 89° 25' 55.37" E, 26° 45' 49.01" E, 89° 24' 54.20" E, 26° 46' 31.60" E, 89° 26' 30.50" E<br>26° 45' 1.40" E, 89° 26' 1.04" E, 43' 51.01" E, 89° 24' 26.73" E, 43' 31.60" E, 89° 23' 39.04" E | 20000 | 12.00 | For easy access of movement during monsoon as well as to facilitate wildlife monitoring.   |
| 30 | Mainstreaming wildlife concerns | Monitoring of wild animals.   | 16.19.3 | 7.2.2.1             | NA | LS    | NA    | 20.00 | Implementation of Tiger Augmentation programme in BTR<br>(i) Translocation of sambar and herbivores including capture  | LS   | 20.00 |       |  |
| 31 |                                 |                               |         |                     | NA |       |       |       | (i) Expenses on VHF radio telemetry, GSM network relating to translocation of Tiger/tigriss in BTR   | LS   | 20.00 |       |  |

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|    |                   |                                 |         |       |    |      |   |      |         |   |    |       |  |    |            |        |  |
|----|-------------------|---------------------------------|---------|-------|----|------|---|------|---------|---|----|-------|--|----|------------|--------|--|
| 32 |                   |                                 | 16.10.3 |       |    |      |   |      |         |   |    |       | (iii) Translocation of Tiger/Tigress from adjoining landscape of Assam including cost of airlifting the animals  | NA | LS         |        |  |
| 33 |                   |                                 | 16.10.3 |       | NA |      |   |      |         |   |    |       | (v) Hiring of vehicle including fuel for monitoring & supervision etc.   | NA | LS         | 500    |  |
| 34 |                   |                                 | 16.10.3 |       |    |      |   |      |         |   |    |       | (vi) Hiring of Veterinary professional for treatment and post release monitoring   | NA | LS         | 600    |  |
| 35 |                   |                                 | 16.10.3 |       |    |      |   |      |         |   |    |       | (vii) Engagement skilled manpower from JFM/C members to form tracking teams, 3 teams, 4 persons/team for 24x365 @ Rs.450/head/day  | NA | LS         | 10,000 |  |
| 36 |                   |                                 | 16.10.3 |       |    |      |   |      |         |   |    |       | (viii) Procurement of camera, night vision binocular & other field gears for documentation of Tiger Augmentation programme etc.  | NA | LS         | 500    |  |
| 37 |                   |                                 |         |       |    |      |   |      |         |   |    |       | <b>Will's component for five years</b><br>Manpower: 1 Project Associate, 3 Project Fellows, 6 Field Assistants and 1 Project Administration Staff (including HRA and other admissible allowance)                             | NA | As per DPR | 24,800 |  |
| 38 |                   |                                 |         |       |    |      |   |      |         |   |    |       | Vehicle hiring and fuel: 2 vehicles  | NA | DO         | 12,000 |  |
| 39 |                   |                                 |         |       |    |      |   |      |         |   |    |       | Travel for project personal (investigators and project fellows)  | NA | DO         | 4,800  |  |
| 40 |                   |                                 |         |       |    |      |   |      |         |   |    |       | Equipment (field and lab includes: Camera Traps, Tracking units, GPS, Compass, Range Finder, Weather Station, Remote sensing and GIS data, Camera, Computer and Accessories, Health Monitoring Lab, camping Equipment, etc.) | NA | LS         | 10,000 |  |
| 41 |                   |                                 |         |       |    |      |   |      |         |   |    |       | Stakeholder Workshops  | NA | LS         | 2,500  |  |
| 42 |                   |                                 |         |       |    |      |   |      |         |   |    |       | Contingency (includes Accommodation in Field, Communication, Stationeries, etc.)   | NA | LS         | 2,000  |  |
| 43 |                   |                                 |         |       |    |      |   |      |         |   |    |       | Internal Meeting and Report Preparation Cost   | NA | LS         | 2,000  |  |
| 44 |                   |                                 |         |       |    |      |   |      |         |   |    |       | Miscellaneous / Unforeseen   | NA | LS         | 2,000  |  |
| 45 |                   |                                 |         |       |    |      |   |      |         |   |    |       | Administrative Cost/Institution Charge   | NA | LS         | 10,000 |  |
| 46 | Staff Development | Capacity building and training. | 16.6.1  | 8.4.1 |    |      |   |      | 2 units | Conducting training for frontline staff | NA | 50000 | 100  |    |            |        | Conducting training for frontline staff on Tiger Augmentation programme, Tiger and co-predator estimation, herbivore estimation, WIL management etc. |
| 47 | Staff welfare     | Supply of torch/batteries       | 16.16   | 8.5.1 | 3  | 0.55 | 3 | 0.55 | 50 Nos  | Procurement of Torchlight for staff     | NA | 6000  | 300  |    |            |        | Procurement of Torchlight for staff to facilitate night patrolling and safety measures.  |

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| 48                      | Mainstreaming wildlife concerns | Habitat improvement measures.   | 16.10.5 | 7.2.1.1.2             | LS | 2.5   | LS    | 2.5   | 52 | 1.19  | 2.5   | 50 ha | Cut-burn of older grassland-200ha (i) Nimeti Range, NMT-3 comp, BTR-W Division-25ha, (ii) WRVK, SRVK2 & 3 comp, BTR-W Division-25ha (iii) SRD Range, SRD-3.4 & 5 comp, BTR-30ha, (iv) JNT Range, JNT-7 & 8 comp, BTR-20ha | 26° 33' 38.11" N, 89° 43' 23.95" E<br>26° 40' 30.20" N, 89° 39' 46" E, 26-39-07.1, 89-26-14.4, 26-37-46.4, 89-31-2.1   | NA    | 6000  | 3.00   | Creation of permanent nursery for fodder species in either in BTR(E) or BTR(W) | Grassland maintenance for improvement of habitat |
|-------------------------|---------------------------------|---|---------|-----------------------|----|-------|-------|-------|----|-------|-------|-------|---|--|-------|-------|--|--|--|
|                         |                                 |   |         |                       |    |       |       |       |    |       |       |       |   |  |       |       |  |  |  |
| Total (Recurring Core): |                                 |   |         |                       |    |       |       |       |    |       |       |       |   |  |       |       |  |  |  |
| 16.32                   |                                 |   |         |                       |    |       |       |       |    | 20.24 |       |       |   |  |       |       |  |  |  |
| RECURRING-BUFFER        |                                 |   |         |                       |    |       |       |       |    |       |       |       |   |  |       |       |  |  |  |
| 51                      | Strengthening                   | Maintenance of road network.  | 16.2.4  | Part-5,(iii) Page-373 | LS | 6.00  | 50 km | 6.00  | 52 | 1.19  | 6.00  | 50 km | Maintenance of forest roads, patrolling paths etc   | 26° 32' 50.75" N, 89° 51' 44.74" E<br>26° 31' 37.86" N, 89° 51' 28.48" E<br>89° 51' 56.10" E & 26° 33' 03.00" N<br>89° 51' 26.78" E & 26° 31' 42.28" N 89° 51' 19" E & 26° 33' 33" N 89° 50' 57" E & 26° 33' 42" N 89° 51' 20" E & 26° 33' 36" N 89° 51' 45" E & 26° 34' 53" N 89° 52' 09" E & 26° 34' 43" N 89° 51' 43" E & 26° 35' 38" N 89° 52' 24" E & 26° 36' 07" N 89° 50' 20" E & 26° 31' 53" N 89° 50' 41" E & 26° 31' 45" N 89° 50' 08" E & 26° 31' 16" N 89° 49' 52" E & 26° 31' 20" N 89° 51' 10.24" E & 26° 35' 46.69" N 51' 9.97" E & 26° 36' 18.59" N 51' 10.26" E & 26° 36' 45.66" N 51' 40.86" E & 26° 34' 55.01" N 50' 44.27" E & 26° 31' 6.25" N 50' 33.49" E & 26° 30' 46.56" N 49' 59.52" E & 26° 30' 27" N 50' 32.01" E & 26° 30' 31" N 89° 50' 25.17" E & 26° 29' 59' 50' 41.84" E & 26° 32' 19.74" N 89° 50' 31" N 30.99" E 51' 2.16" E & 26° 31' 30.62" N 51' 18.54" E & 26° 31' 17.26" E 26° 37' 48.51" N & 89° 44' 17' 73" E 26° 30' 20.45" N & 89° 44' 38.85" E 26° 40' 56.60" N & 89° 44' 26.66" E 26° 40' 15.78" N & 89° 43' 41.42" E 26° 40' 64" N & 89° 43' 20.03" E 26° 38' 06.65" N & 89° 44' 67.72" E 26° 38' 54.13" N & 89° 41' 39.73" E 26° 38' 30.63" N & 89° 42' 40.52" E 26° 36' 15.04" N & 89° 43' 50.00" E 26° 36' 13.55" N & 89° 44' 35.77" E 26° 35' 51.57" N & 89° 47' 25.21" E 26° 32' 19.77" N & 89° 43' 36.32" E 26° 34' 25.55" N & 89° 45' 31.90" E 26° 32' 3.85" N & 89° 44' 6.57" E 26° 42' 22.95" N & 89° 50' 23.70" E 26° 42' 8.30" N & 89° 46' 15.88" E 26° 40' 43.08" N & 89° 48' 47.92" E 26° 40' 43.07" N & 89° 50' 36.13" E | 30000 | 15.00 | For easy access of movement during monsoon as well as to facilitate wildlife monitoring. |  |  |
|                         |                                 |   |         |                       |    |       |       |       |    |       |       |       |   |  |       |       |  | 20000  | 10.00  |
| 52                      | Strengthening                   | Procurement of camera for compass, range finder, Global Positioning System (GPS), camera traps. | 16.2.11 | 12.2                  | LS | 22.00 | 50    | 22.00 | 52 | 1.19  | 22.00 | 50    | Procurement of camera for trapping (Cudde back attack) including battery, SD card etc, GPS, range finder etc.   | NA   | 20000 | 10.00 | Trap camera, battery, GPS etc. procurement to facilitate Phase-IV monitoring             |  |  |
|                         |                                 |   |         |                       |    |       |       |       |    |       |       |       |   |  |       |       |  | 20000  | 10.00  |

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|  |               |   |              |          |    |      |    |      |    |   |    |    |               |   |
|--|---------------|---|--------------|----------|----|------|----|------|----|---|----|----|---------------|---|
| 53   | Strengthening | Maintenance of vehicles (Gypsy, Jeep, Truck, Tractor, staff car etc.) | 162.18       | Part-5.B | SI | 3.00 | SI | 3.00 | LS | Maintenance of vehicle for conducting anti-poaching duty, Special raid programme, night patrolling, Forest patrolling including staff cars etc to protect forests and wildlife through the year | NA | LS | 4.00          | For strengthening anti-poaching duty, Forest monitoring, moments etc. |
| <b>Total (Recurring - Buffer)</b>              |               |   | <b>31.00</b> |          |    |      |    |      |    |   |    |    | <b>29.00</b>  |   |
| <b>Total Recurring</b>                         |               |   |              |          |    |      |    |      |    |   |    |    | <b>211.71</b> |   |
| <b>Grand Total (Non-Recurring + Recurring)</b> |               |   |              |          |    |      |    |      |    |   |    |    | <b>474.65</b> |   |

| S. No. | Items               | Sanction      | Central Assistance |
|--------|---------------------|---------------|--------------------|
| 1      | Non-Recurring (60%) | 262.94        | 157.76             |
| 2      | Recurring (50%)     | 211.71        | 105.85             |
|        | <b>Total</b>        | <b>474.65</b> | <b>263.61</b>      |

(Rs. In lakhs)

|   |         |        |
|---|---------|--------|
| Cost of APO including State's share             | A       | 474.65 |
| Center's share in APO                           | B       | 263.61 |
| 1 <sup>st</sup> release @ 80% of Center's share | C=0.8*B | 210.88 |
| Less: Unspent balance FY 2017-18                | D       | 52.00  |
| Adjusted 1 <sup>st</sup> release                | E=C-D   | 158.88 |
| 2 <sup>nd</sup> release @20% of Center's share  | F=0.2*B | 52.73  |

\* 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.

Note: The following are the observations of IFD:

- (i) At Sl. No. 4, the item of work has been shown as 'construction of staff quarters, family hostels etc....'. However, the justification shows 'construction of enclosure' to house translocated Tiger/Tigress, in the original APO. However, rectification has been done at the level of NITCA.
- (ii) Under 'Monitoring of wild animals' (Sl. No. 30-36), for (i) translocation of sambar and herbivorous a sum of Rs. 20.00 lakhs has been proposed while for (iii) translocation of Tiger/Tigress, no amount is proposed. This seems to be an anomaly or as the works are under 'Tiger Augmentation programme'.

*SS. 2/1/19*