

## PART - II

To be filled by the concerned Deputy conservator of Forests)  
State Serial No. of Proposals.

| 7  | Location of the Project / Scheme  | :              | Diversion of <b>1.866 Ha</b> in Mulugu District for construction of BT road from <b>Chityal to Bhupathipuram</b> from km 0/0 to 5/0 in Chityal RF in WLM Eturnagaram Forest Division in Mulugu District in favour of District R&B Officer (Executive Engineer), Mulugu District.  |              |                 |                 |         |                          |                |                |              |                 |             |                                |         |         |                   |           |        |       |              |  |  |  |  |  |                 |
|--|---|----------------|---|--------------|-----------------|-----------------|---------|--------------------------|----------------|----------------|--------------|-----------------|-------------|--------------------------------|---------|---------|-------------------|-----------|--------|-------|--------------|--|--|--|--|--|-----------------|
| i  | State   | :              | Telangana   |              |                 |                 |         |                          |                |                |              |                 |             |                                |         |         |                   |           |        |       |              |  |  |  |  |  |                 |
| ii   | District  | :              | Mulugu  |              |                 |                 |         |                          |                |                |              |                 |             |                                |         |         |                   |           |        |       |              |  |  |  |  |  |                 |
| iii  | Forest Division   | :              | Forest Divisional Officer,<br>WLM Eturnagaram Division  |              |                 |                 |         |                          |                |                |              |                 |             |                                |         |         |                   |           |        |       |              |  |  |  |  |  |                 |
| iv   | Area of the Forest Land Proposed for diversion (in Ha)  | :              | 1.866 Ha  |              |                 |                 |         |                          |                |                |              |                 |             |                                |         |         |                   |           |        |       |              |  |  |  |  |  |                 |
| <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>RF Block</th> <th>Compartment no</th> <th>Beat</th> <th>Length in mt</th> <th>Width in Meters</th> <th>Area in Ha.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Chityal</td> <td>27, 39a</td> <td>Bhupathipur South</td> <td>3733 Mtrs</td> <td>5 mtrs</td> <td>1.866</td> </tr> <tr> <td colspan="5"><b>Total</b></td> <td></td> <td><b>1.866 Ha</b></td> </tr> </tbody> </table> |   |                |   |              |                 |                 | Sl. No. | RF Block                 | Compartment no | Beat           | Length in mt | Width in Meters | Area in Ha. | 1                              | Chityal | 27, 39a | Bhupathipur South | 3733 Mtrs | 5 mtrs | 1.866 | <b>Total</b> |  |  |  |  |  | <b>1.866 Ha</b> |
| Sl. No.  | RF Block  | Compartment no | Beat  | Length in mt | Width in Meters | Area in Ha.     |         |                          |                |                |              |                 |             |                                |         |         |                   |           |        |       |              |  |  |  |  |  |                 |
| 1  | Chityal   | 27, 39a        | Bhupathipur South   | 3733 Mtrs    | 5 mtrs          | 1.866           |         |                          |                |                |              |                 |             |                                |         |         |                   |           |        |       |              |  |  |  |  |  |                 |
| <b>Total</b>   |   |                |   |              |                 | <b>1.866 Ha</b> |         |                          |                |                |              |                 |             |                                |         |         |                   |           |        |       |              |  |  |  |  |  |                 |
| V  | Legal Status of Forest  | :              | <p>The area of 2.613 Ha Proposed for Diversion of <b>1.866 Ha</b> in Mulugu District for construction of BT road from <b>Chityal to Bhupathipuram</b> from km 0/0 to 5/0 in Chityal RF in WLM Eturnagaram Forest Division in Mulugu District in favour of District R&amp;B Officer (Executive Engineer), Mulugu District in Chityal RF Block Notified are under Andhra Pradesh Forest Act 1967 and the details are as follows.</p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Name of the Forest Block</th> <th>Notified under</th> <th>Gazette Number</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Chityal</td> <td>15</td> <td>G.O.Ms.no.681, dt.27.07.1355 F</td> </tr> </tbody> </table> |              |                 |                 | Sl. No. | Name of the Forest Block | Notified under | Gazette Number | 1            | Chityal         | 15          | G.O.Ms.no.681, dt.27.07.1355 F |         |         |                   |           |        |       |              |  |  |  |  |  |                 |
| Sl. No.  | Name of the Forest Block  | Notified under | Gazette Number  |              |                 |                 |         |                          |                |                |              |                 |             |                                |         |         |                   |           |        |       |              |  |  |  |  |  |                 |
| 1  | Chityal   | 15             | G.O.Ms.no.681, dt.27.07.1355 F  |              |                 |                 |         |                          |                |                |              |                 |             |                                |         |         |                   |           |        |       |              |  |  |  |  |  |                 |
| Vi   | Density of Vegetation   | :              | The density of the proposed forest area for diversion of Forest Land is about 0.4 to 0.7  |              |                 |                 |         |                          |                |                |              |                 |             |                                |         |         |                   |           |        |       |              |  |  |  |  |  |                 |
| Vii  | Species wise (scientific names) and diameter class-wise enumeration of trees to be enclosed. In case of irrigation / Hydal project enumeration at FRL - 2, meter & FRL-4 meter. | :              | Enumeration list is enclosed  |              |                 |                 |         |                          |                |                |              |                 |             |                                |         |         |                   |           |        |       |              |  |  |  |  |  |                 |

| Sl. No | Local Name of tree   | Botanical name of tree | Number of trees | Girth class wise no of trees |  |              |          | No. of poles | Qty of Timber Cum | Qty of Fuel Cum | Total Value Rs. |
|--------|--|------------------------|-----------------|------------------------------|--|--------------|----------|--------------|-------------------|-----------------|-----------------|
|        |  |                        |                 | 31 to 60 cm                  | 61 to 90 cm  | 91 to 120 cm | > 120 cm |              |                   |                 |                 |
| 1      | Enumeration list Enclosed  |                        |                 |                              |  |              |          |              |                   |                 |                 |
|        |  |                        |                 |                              |  |              |          |              |                   |                 |                 |
| Viii   | Brief note on vulnerability of the forest area to erosion  |                        |                 | :                            | Location is Vulnerability to erosion as small and big streams are present.   |              |          |              |                   |                 |                 |
|        |  |                        |                 |                              |  |              |          |              |                   |                 |                 |
| Ix     | Approximate distance of proposed site for diversion from boundary of Forest  |                        |                 | :                            | Diversion of <b>1.866 Ha</b> in Mulugu District for construction of BT road from <b>Chityal to Bhupathipuram</b> from km 0/0 to 5/0 in Chityal RF in WLM Eturnagaram Forest Division in Mulugu District in favour of District R&B Officer (Executive Engineer), Mulugu District in Chityal RF Block Notified under Andhra Pradesh Forest Act 1967. |              |          |              |                   |                 |                 |
|        |  |                        |                 |                              |  |              |          |              |                   |                 |                 |
| X      | Whether forms part of National park, Wild Life Sanctuary biosphere reserve, tiger reserve, elephant corridor etc., (if so the details of the area and comments of the Chief Wild life warden to be annexed)        |                        |                 | :                            | The Proposal is falling in Eturnagaram Wildlife sanctuary area. The extent of forest area involved in Eturnagaram WLM Division 1.866 Ha  |              |          |              |                   |                 |                 |
| Xi     | Whether any rare / endangered / unique species of flora and fauna in the area if so details there of.  |                        |                 | :                            | Endangered wild animals such as deer, snake, mouse deer, bisons( Indian guar),reptiles, birds,etc are present in these locations.  |              |          |              |                   |                 |                 |
| Xii    | Whether any protected archaeological heritage site/defense establishment or any other important monuments is located in the area if so the details thereof within NOC from competent authority if required.        |                        |                 | :                            | In the proposed site, there are no protected archeological / heritage site / defense establishment or any other important monuments is located.  |              |          |              |                   |                 |                 |
|        |  |                        |                 |                              |  |              |          |              |                   |                 |                 |
| 8      | Whether the requirement of forest land as proposed by the user agency in col-2 of Part-I is unavoidable and barest minimum for the project if no recommended area item wise with details of alternatives examined. |                        |                 | :                            | The requirement of Forest land as proposed by the User agency in col. No. 2 of Part-I is unavoidable and barest minimum for the project area is <b>1.866 Ha.</b>   |              |          |              |                   |                 |                 |
|        |  |                        |                 |                              |  |              |          |              |                   |                 |                 |
| 9      | Whether any working violation of the Act has been carried out (Yes/No) if Yes, details of the same including period of work done, action taken on earning officials  |                        |                 | :                            | Not violated   |              |          |              |                   |                 |                 |
|        |  |                        |                 |                              |  |              |          |              |                   |                 |                 |
| 10     | Details of Compensatory Afforestation Scheme.  |                        |                 |                              |  |              |          |              |                   |                 |                 |
|        |  |                        |                 |                              |  |              |          |              |                   |                 |                 |
| i)     | Details of Non Forest area / degraded forest area identified or compensatory afforestation and adjoining forest number of patches, size of each path.  |                        |                 | :                            | The CA Area is identified in Kothur village of Mulugu Mandal of Mulugu Forest Division. Therefore CA scheme will be prepared by the Forest Divisional Officer, Mulugu  |              |          |              |                   |                 |                 |
| ii)    | Map Showing non-forest area identified for compensatory afforestation and adjoining forest boundaries.   |                        |                 | :                            | -do-   |              |          |              |                   |                 |                 |
|        |  |                        |                 |                              |  |              |          |              |                   |                 |                 |
| ii)    | Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure etc.  |                        |                 | :                            | -do-   |              |          |              |                   |                 |                 |
|        |  |                        |                 |                              |  |              |          |              |                   |                 |                 |
| iv)    | Total financial outlay for compensatory afforestation scheme   |                        |                 | :                            | -do-   |              |          |              |                   |                 |                 |

|      |   |   |   |
|------|---|---|---|
| V    | Certificate from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view (To be signed by the concerned Deputy Conservator of Forests). | : | -do-  |
| 11   | Site inspection report of the Deputy Conservator of Forests (To be enclosed) especially highlighting facts asked in Col-7 (xi,xii) 8 and 9 above.   | : | The Forest Divisional Officer, WLM Eturnagarm has inspected the proposed area on 04.09.2021 inspection notes is enclosed. |
| 12   | Division / District Profile   | : |   |
| i.   | Geographical area of the District.  | : | 7115.43 km <sup>2</sup>   |
| ii.  | Forest area of the District   | : | 4501.9 km <sup>2</sup>  |
| iii. | Total Forest area diverted since, 1980 with number of acres.  | : | 1) Kanthanapally project - 18.2316 Ha<br>2) Mission Bhageeratha - 17.686 Ha   |
| iv.  | Total compensatory Afforestation stipulated in the District / Divisions since 1980 on   | : | Nil.  |
| v.   | Progress of Compensatory Afforestation ....   | : | Nil.  |
|      | a) Forest Land  | : | Nil.  |
|      | b) Non Forest Land  | : | Nil.  |
| 13   | Specific recommendation of the Deputy Conservator Forests for acceptance of other wise of the proposals with reasons.   | : | The project is recommended subject to fulfillment of the A, B,C and D mitigation measures suggested below.                |

**A) Animal passage plan:** User agency to build following structures as part of passage plan

| Sr.no | Location( lat& long.) | Structure | Dimensions                                 | Remarks/Other feature                               |
|-------|-----------------------|-----------|--|---|
| 1     | 18.524402° 80.295490° | Underpass | Height - 5m<br>Length - 10 m<br>Width -5 m | Area of Deer, Bison                                 |
| 2     | 18.531402° 80.294595° | underpass | Height - 5m<br>Length - 10 m<br>Width -5 m | Area of Deer, Bison                                 |
| 3     | 18.535979° 80.296045° | Underpass | Height - 5m<br>Length - 10 m<br>Width -5 m | Area of Deer, Bison                                 |
| 4     | 18.540675° 80.289266° | underpass | Height -5 m<br>Length -30 m<br>Width -5 m  | Having water flowing stream.<br>Area of Deer, Bison |

**Note:**

1. Area is predominant of Bison, Deer ,etc. Tiger is expected in this area as it forms the link between Eturnagaram
2. Each underpass to have opening wings of 5 m on both side
3. Animal should get clear visibility of another side from underpass.
4. Fencing near to the underpass on the road is compulsory to deviate animals to use underpass.
5. Wildlife Institution of India's guidelines as on date updated should be followed in design by user agency while implementing animal passage plan.

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**B) Wildlife mitigation plan /Wildlife (WL) Conservation Plan: Habitat Improvement works.**

| Sr.No | Measures   | Qty                           | Rate | Per                            | Amount in Lakhs |
|-------|--|-------------------------------|------|--------------------------------|-----------------|
| 1.    | Digging of bore wells, fixing solar operated pump sets and construction of MPTs  | 2                             | 5.00 | each                           | 10.00           |
| 2.    | User agency to erect Chain link fencing along the road   | As per field condition        | -    | -                              | By user agency  |
| 3     | Speed regulating signage and speed breakerto be erected along the road at regular intervals (signage- 3 per 1 km)  | 24 or as per field conditions | -    | -                              | By user agency  |
| 4     | Avenue Plantation of forest tree species inside the Chain link fencing, towards the forest to prevent light pollution during night and to check soil erosion |                               |      |                                | By user agency  |
|       |  |                               |      | <b>Total</b>                   | <b>10.00</b>    |
|       |  |                               |      | <b>Administrative Cost 10%</b> | <b>1.00</b>     |
|       |  |                               |      | <b>Grand Total</b>             | <b>11.00</b>    |

**C) Wildlife mitigation plan/Wildlife (WL) Conservation Plan : Provision for Monitoring facility and Protection**

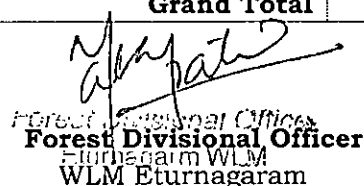
| Sr.No | Measures   | Qty | Rate                           | Per  | Amount in Lakhs |
|-------|--|-----|--------------------------------|------|-----------------|
| 1     | Watch tower and camping facility with solar power for monitoring the wildlife and fire treats in deep forest area                | 2   | 12 lakh                        | each | 24.00           |
| 2     | Purchase of Camera Traps 20 nos @ Rs.30,000/- each (3 pair of camera trap for 1 km)  | 20  | 0.30                           | each | 6.00            |
| 3     | For management of forest and wildlife conservation -Erection of forest guard hut, check posts, barricades, etc at entry and exit | 2   | 10 lakhs                       | each | 20.00           |
|       | <b>Total</b>   |     | <b>Total</b>                   |      | <b>50.00</b>    |
|       |  |     | <b>Administrative Cost 10%</b> |      | <b>5.00</b>     |
|       |  |     | <b>Grand Total</b>             |      | <b>55.00</b>    |

**D) Wildlife mitigation plan/Wildlife (WL) Conservation Plan: Publicity and awareness**

| Sr.No | Measures  | Qty | Rate                           | Per  | Amount in Lakhs |
|-------|---|-----|--------------------------------|------|-----------------|
| 1     | Installation of Publicity and informative hoardings 1 nos @ Rs.1.50 Lakhs each              | 1   | 1.50                           | each | 1.50            |
| 2     | Improvement of the Existing Interpretation center/EEC Infrastructure at Eturnagaram WLS.    | 1   | 10 lakhs                       | each | 10.00           |
| 3     | Wildlife Awareness Fund to celebrate Week/Village night awareness campaign by play/Publish/ | 10  | 10,000                         | each | 50,000          |
|       |   |     | <b>Total</b>                   |      | <b>61.50</b>    |
|       |   |     | <b>Administrative Cost 10%</b> |      | <b>6.15</b>     |
|       |   |     | <b>Grand Total</b>             |      | <b>67.65</b>    |

Date: 04.09.2021.  
Place: Eturnagaram.

  
**District Forest Officer**  
Mulugu District.

  
Forest Divisional Officer  
Eturnagaram WLS  
WLM Eturnagaram