

**Full Title of the Project: Diversion of 3.7381 ha. (1.0222 ha of Yamuna nagar Forest Division) forest land for development of 6 lane Access Controlled Greenfield Highway of Shamli- Ambala Sec. From Km Ch. 0+000 to Km Ch. 120+970 (Total length: 120.970Km) in the state of Uttar Pradesh Haryana & Punjab Under Bharatmala PARIYOJNA Phase-II.**

|  |   |  |   |  |
|--|---|--|---|--|
| File No.   | (FP/HR/ Road/153630/2022)   |  |   |  |
| Date of Proposal   |   |  |   |  |
| <b>CHECK LIST SERIAL NUMBER:- 18</b>   |   |  |   |  |
| Name of the Forest/Reach to be diverted  | Diversion of 3.7381 ha. (1.0222 ha of Yamuna nagar Forest Division) forest land for development of 6 lane Access Controlled Greenfield Highway of Shamli- Ambala Sec. From Km Ch. 0+000 to Km Ch. 120+970 (Total length: 120.970Km) in the state of Uttar Pradesh Haryana & Punjab Under Bharatmala PARIYOJNA Phase-II. |  |   | Yamuna Nagar Dist.   |
| Forest Area (in Ha)  | 1.0222 Ha   |  |   |  |
| Details of de-graded forest land/non forest land where CA is to be carried out : | <b>Morni-Pinjore</b>  |  | <b>C-101, Bunga Beat, Baloti Block, Panchkula Range</b> | Village. <b>C-101, Bunga Beat, Baloti Block, Panchkula Range</b> |
| GPS Reading of proposed CA site  | <b>C-101, Bunga Beat, Baloti Block, Panchkula Range</b>   |  |   |  |
| <b>Description of Area :</b>   |   |  |   |  |
| 2  | Whether the site selected for Compensatory Afforestation is a land bank or not  |  |   |  |
| i  | If the C.A site is other than the land bank, reasons be given   |  |   | N.A  |
| ii   | In case of non-forest area identified for CA, then what is the distance of CA site from adjoining forest boundary   |  |   | Within Forest  |
| iii  | Soil Type   |  |   | Arid brown soil with texture varies from sandy loam to clay.     |
| iv   | Topography :  |  | a. Hilly/Undulating/Plain.                              | Undulating   |
| v  |   |  | b. Slope:-  | Gentle   |
| vi   | Whether the area is bearing any root stock of vegetation  |  |   | No   |
| <b>Plantation of Model:-</b>   |   |  |   |  |
| 3  | Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under :-  |  |   |  |
| Detail of year wise breakup of requirement of funds is as under :-               |   |  |   |  |
| 4  |   |  |   |  |

The plantation cost is calculated for Tall plants norms at 4 mtr x 4mtr spacing and it is approved by the CEO, CAMPA (State Authority)'s vide letter no. Hry. CAMPA/ 2022-23/705 dated 07-12-2022 at the wage rate of Rs.388.42/- per day as under :--

| Sr.No.  | Year   | Cost norm per plants                 |                       |                      |
|---|--|--------------------------------------|-----------------------|----------------------|
|   | 1st Year Cost of Afforestation                                       | 379.0                                |                       |                      |
| i   | 2nd Year Maintenance   | 99.0                                 |                       |                      |
| ii  | 3rd Year Maintenance   | 66.0                                 |                       |                      |
| iii   | 4th Year Maintenance   | 11.0                                 |                       |                      |
| iv  | 5th Year Maintenance   | 11.0                                 |                       |                      |
| v   | 6th Year Maintenance   | 11.0                                 |                       |                      |
| vi  | 7th Year Maintenance   | 11.0                                 |                       |                      |
| vii   | 8th Year Maintenance   | 11.0                                 |                       |                      |
| viii  | 9th Year Maintenance   | 11.0                                 |                       |                      |
| IX  | 10th Year Maintenance  | 11.0                                 |                       |                      |
|   | <b>Total</b>   | <b>621.0</b>                         |                       |                      |
| <b>Area to be Diverted</b>                                |  |                                      |                       | <b>1.0222 ha</b>     |
| <b>Area to be planted</b>                                 |  | <b>(two times the diverted area)</b> |                       | <b>2.044 Ha (Two</b> |
| <b>Nos of trees to be felled</b>                          |  |                                      |                       | <b>192 No.</b>       |
| <b>Nos of Plants to be planted @ 1000/- plants per Ha</b> |  |                                      |                       | <b>2044</b>          |
| <b>Nos of Plants to be damaged</b>                        |  |                                      |                       | <b>175</b>           |
| <b>Two times of Plant to be damaged</b>                   |  |                                      |                       | <b>350</b>           |
| <b>Schedule of Plantation Programme :-</b>                |  |                                      |                       |                      |
| 5   | Detail of year wise break-up of requirements of funds is as under :- |                                      |                       |                      |
| Sr. No.   | Description  | Rate                                 |                       | Amount               |
| A   | Compensatory Afforestation Charges                                   | <u>Nos of Plants</u>                 | <u>Rate Per plant</u> |                      |
| i   | 1st Year Cost of Afforestation                                       | 2044                                 | 379.0                 | 774676.00            |
| ii  | 2nd Year Maintenance   | 2044                                 | 99.0                  | 202356.00            |
| iii   | 3rd Year Maintenance   | 2044                                 | 66.0                  | 134904.00            |
| iv  | 4th Year Maintenance   | 2044                                 | 11.0                  | 22484.00             |
| v   | 5th Year Maintenance   | 2044                                 | 11.0                  | 22484.00             |
| vi  | 6th Year Maintenance   | 2044                                 | 11.0                  | 22484.00             |
| vii   | 7th Year Maintenance   | 2044                                 | 11.0                  | 22484.00             |
| viii  | 8th Year Maintenance   | 2044                                 | 11.0                  | 22484.00             |
| ix  | 9th Year Maintenance   | 2044                                 | 11.0                  | 22484.00             |
| x   | 10th Year Maintenance  | 2044                                 | 11.0                  | 22484.00             |
|   |  |                                      |                       | 0.00                 |
|   |  |                                      | <b>Total Charges</b>  | <b>1269324.00</b>    |
| Supervisory / Over Head / Miscellaneous Charges           |  | 10% of CA                            |                       | 126932.40            |
| <b>ToTal (A)</b>  |  | <b>CA Charges</b>                    |                       | <b>1396256.40</b>    |
| B   | Addl. Compensatory Afforestation Charges                             | <u>Nos of Plants</u>                 | <u>Rate Per plant</u> |                      |
| i   | 1st Year Cost of Afforestation                                       | 350                                  | 379.0                 | 132650.00            |
| ii  | 2nd Year Maintenance   | 350                                  | 99.0                  | 34650.00             |
| iii   | 3rd Year Maintenance   | 350                                  | 66.0                  | 23100.00             |
| iv  | 4th Year Maintenance   | 350                                  | 11.0                  | 3850.00              |
| v   | 5th Year Maintenance   | 350                                  | 11.0                  | 3850.00              |
| vi  | 6th Year Maintenance   | 350                                  | 11.0                  | 3850.00              |
| vii   | 7th Year Maintenance   | 350                                  | 11.0                  | 3850.00              |
| viii  | 8th Year Maintenance   | 350                                  | 11.0                  | 3850.00              |
| ix  | 9th Year Maintenance   | 350                                  | 11.0                  | 3850.00              |
| x   | 10th Year Maintenance  | 350                                  | 11.0                  | 3850.00              |
|   |  |                                      |                       |                      |
| <b>ToTal (B) Addl. C.A.Charges</b>                        |  |                                      |                       | <b>217350.00</b>     |

|   |                             |             |                       |            |
|---|-----------------------------|-------------|-----------------------|------------|
| C | Penal C.A.                  |             |                       | 0.00       |
| D |                             |             |                       |            |
| E | Safety Zone if required     |             |                       | 0.00       |
| F | 6 sticks individual fencing | 2394 Plants | Rs. 46.63/- per fence | 111632.22  |
| G | Add.charges if required     |             |                       | 0.00       |
| H |                             |             |                       |            |
|   | Grand Total                 |             |                       | 1725238.62 |

**Technical Details :-**

|   |  |  |  |  |
|---|--|--|--|--|
| 6 | Technical Details of Compensatory Afforestation Scheme are as follows :- |  |  |  |
|   | General Details  |  |  | Plantation will be done with 6 sticks individual fencing in RF/PF. |
| a | Spacement.   |  |  | 4 x 4 mtr.   |
| b | Species.   |  |  | Native Species   |
| c | Plantation   |  |  | Tall Plantation  |
| d | Soil and Moisture Conservation Works.                                    |  |  | As per site requirement  |
| e | Protection (Fencing, watchman, Peoples Participation etc)                |  |  | Fencing  |
| f | Proposed Monitoring Mechanisim.  |  |  | M&E  |
| g | Any Other Information  |  |  | No any.  |

Divisional Forest Officer(T),  
Morni Forest Division,  
Pinjore

