

Full Title of the Project: Diversion of 0.978 Ha. of Forest Land for construction of Railway over Bridge at LC No. 38-A, in Madlauda on Panipat – Safidon – Jind road (SH-14) in District Panipat (HR).

| | | | | |
|--|--|--|--|--|
| File No. | (FP/HR/ROAD/42852/2019) | | | |
| Date of Proposal | | | | |
| CHECK LIST SERIAL NUMBER:- 18 | | | | |
| Name of the Forest/Reach to be diverted | Diversion of 0.978 Ha. of Forest Land for construction of Railway over Bridge at LC No. 38-A, in Madlauda on Panipat – Safidon – Jind road (SH-14) in District Panipat (HR). | | | Panchkula Distt. |
| Forest Area (in Ha) | 0.978 Ha | | | |
| Details of de-graded forest land/non forest land where CA is to be carried out : | Morni-Pinjore | | DP-244, Mallah Beat, Mallah Block, Pinjore Range, Morni Division | Village. DP-244, Mallah Beat, Mallah Block, Pinjore Range, Morni Division |
| GPS Reading of proposed CA site | DP-244, Mallah Beat, Mallah Block, Pinjore Range, Morni Division 30° 45' 09.07" N, 76° 58' 31.45" E, 30° 45' 09.90" N, 76° 58' 49.22" E, 30° 45' 22.24" N, 76° 58' 57.21" E, 30° 45' 26.81" N, 76° 58' 49.76" E | | | |
| Description of Area : | | | | |
| 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 |
| | Whether the area is bearing any root stock of vegetation | | | No |
| vi | | | | |
| Plantation of Model:- | | | | |
| 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 4mtr x 4 mtr spacing and it is approved by the PCCF, Haryana's at the wage rate of Rs.347.08/- per day as under :-

| Sr.No. | Year | Cost norm per plants | | |
|--------|--------------------------------|----------------------|--|--|
| | 1st Year Cost of Afforestation | 381.97 | | |
| i | 2nd Year Maintenance | 122.70 | | |
| ii | 3rd Year Maintenance | 44.55 | | |
| iii | 4th Year Maintenance | 16.57 | | |
| iv | 5th Year Maintenance | 16.57 | | |
| v | 6th Year Maintenance | 16.57 | | |
| vi | 7th Year Maintenance | 16.57 | | |
| vii | 8th Year Maintenance | 16.57 | | |
| viii | 9th Year Maintenance | 16.57 | | |
| IX | 10th Year Maintenance | 16.57 | | |
| | Total | 665.22 | | |

Area to be Diverted 0.978 Ha

Area to be planted (Two times the diverted area) 1.956 Ha

Nos of trees to be felled 228 No.

Nos of Plants to be planted @ 1000/- plants per Ha 2280

Nos of Plants to be damaged 0

Two times of Plant to be damaged 0

Schedule of Plantation Programme :-

5 Detail of year wise break-up of requirements of funds is as under :-

| Sr. No. | Description | Rate | Amount |
|---------|---|------------------------------|----------------|
| A | Compensatory Afforestation Charges | Nos of Plants Rate Per plant | |
| i | 1st Year Cost of Afforestation | 2280 381.97 | 870891.6 |
| ii | 2nd Year Maintenance | 2280 122.70 | 279756 |
| iii | 3rd Year Maintenance | 2280 44.55 | 101574 |
| iv | 4th Year Maintenance | 2280 16.57 | 37779.6 |
| v | 5th Year Maintenance | 2280 16.57 | 37779.6 |
| vi | 6th Year Maintenance | 2280 16.57 | 37779.6 |
| vii | 7th Year Maintenance | 2280 16.57 | 37779.6 |
| viii | 8th Year Maintenance | 2280 16.57 | 37779.6 |
| ix | 9th Year Maintenance | 2280 16.57 | 37779.6 |
| x | 10th Year Maintenance | 2280 16.57 | 37779.6 |
| xi | Barbed wire fencing charge (RKM) | 9.12 Rs.200000/- per RKM. | 1824000 |
| | | Total Charges | 3340679 |
| | Supervisory / Over Head / Miscellaneous Charges | 10% of CA | 334068 |
| | Total (A) | CA Charges | 3674747 |

| Addl. Compensatory Afforestation Charges | | Nos of Plants | Rate Per plant | |
|--|--|---------------------|---------------------|---|
| B | 1st Year Cost of Afforestation | 0 | 381.97 | 0 |
| i | 2nd Year Maintenance | 0 | 122.70 | 0 |
| ii | 3rd Year Maintenance | 0 | 44.55 | 0 |
| iii | 4th Year Maintenance | 0 | 16.57 | 0 |
| iv | 5th Year Maintenance | 0 | 16.57 | 0 |
| v | 6th Year Maintenance | 0 | 16.57 | 0 |
| vi | 7th Year Maintenance | 0 | 16.57 | 0 |
| vii | 8th Year Maintenance | 0 | 16.57 | 0 |
| viii | 9th Year Maintenance | 0 | 16.57 | 0 |
| ix | 10th Year Maintenance | 0 | 16.57 | 0 |
| x | Barbed wire fencing charge (RKM) | 0.00 | Rs.200000/- per KM. | 0 |
| xi | ToTal (B) Addl. C.A.Charges | | | 0 |
| C | Penal C.A. | | | 0 |
| D | Catchment Area Treatment/Soil and Moisture Conservation Charges | 30% of the total CA | | 1102424 |
| E | Safety Zone if required | | | 0 |
| F | Add.charges if required | | | 0 |
| G | Net Present Value of forest land to be diverted | 0.978 | 887000 | 867486 |
| H | Felling Charges | 228 trees | 217.89 | Rs.1200/-per CUM |
| | Grand Total | | | 5906125 |
| Or Say Technical Details :- | | | | |
| 6 | Technical Details of Compensatory Afforestation Scheme are as follows :- | | | |
| | General Details | | | Plantation will be done with 3 standard barbed wire in RF/PF. |
| a | Spacement. | | | 4 x 4 mtr. |
| b | Species. | | | Aawla, Baheda, Papdi etc. |
| c | Plantation | | | Tall Plantation |
| d | Soil and Moisture Conservation Works. | | | NIL |
| 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