

CA Scheme for Tall Plant

Full Title of the Project: Diversion of 11.505 Hac. of Forest Land for Widening & Strengthening of Road (MDR -118) from Sector-32, Panchkula to Morni Road (From KM 0- KM 17.7) in Distt. – Panchkula.

| | | | |
|--|--|----------------------------|---|
| File No. | (FP/HR/RAOD/149699/2021)) | | |
| Date of Proposal | | | |
| CHECK LIST SERIAL NUMBER:- 18 | | | |
| Name of the Forest/Reach to be diverted | Diversion of 11.505 Hac. of Forest Land for Widening & Strengthening of Road (MDR - 118) from Sector-32, Panchkula to Morni Road (From KM 0- KM 17.7) in Distt. – Panchkula. | | Panchkula Distt. |
| Forest Area (in Ha) | 11.505 Ha | | |
| Details of de-graded forest land/non forest land where CA is to be carried out : | Morni-Pinjore | | Village. |
| GPS Reading of proposed CA site | (I) R-70 C-1 Nada Beat, Panchkula Block & Berwala Beat Ramgarh Block, Panchkula Range (II) C-104, 105, 106 Mandhna Beat, Thapli Block, Pinjore Range (III) C-101, Bunga Beat, Balouti Block, Panchkula range | | |
| 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 texturte varies from sandy loam to clay. |
| iv | Topography : | a. Hilly/Undulating/Plain. | Hilly/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 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 :--

| | Year | Cost norm per plants | |
|---|--|---|-----------------------|
| Sr.No. | 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 | |
| | Total | 621.0 | |
| Area to be Diverted (Ha) | | | 11.505 |
| Area to be planted | | (Two times the diverted area (Ha)) | 23.010 |
| Nos of trees to be felled | | | 1289 |
| Nos of Plants to be planted @ 1000/- plants per Ha | | | 23010 |
| Nos of Plants to be damaged | | | 3407 |
| Two times of Plant to be damaged | | | 6814 |
| 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 | 3010 | 379.0 |
| ii | 2nd Year Maintenance | 3010 | 99.0 |
| iii | 3rd Year Maintenance | 3010 | 66.0 |
| iv | 4th Year Maintenance | 3010 | 11.0 |
| v | 5th Year Maintenance | 3010 | 11.0 |
| vi | 6th Year Maintenance | 3010 | 11.0 |
| vii | 7th Year Maintenance | 3010 | 11.0 |
| viii | 8th Year Maintenance | 3010 | 11.0 |
| ix | 9th Year Maintenance | 3010 | 11.0 |
| x | 10th Year Maintenance | 3010 | 11.0 |
| xi | | | 0 |
| | | | Total Charges |
| | | | 1869210 |
| Supervisory / Over Head / Miscellaneous Charges | | 10% of CA | 186921 |
| ToTal (A) CA Charges | | | 2056131 |

| B | Addl. Compensatory Afforestation Charges | Nos of Plants | Rate Per plant | |
|------|--|---------------------|----------------------------|---|
| i | 1st Year Cost of Afforestation | 1814 | 379.0 | 687506 |
| ii | 2nd Year Maintenance | 1814 | 99.0 | 179586 |
| iii | 3rd Year Maintenance | 1814 | 66.0 | 119724 |
| iv | 4th Year Maintenance | 1814 | 11.0 | 19954 |
| v | 5th Year Maintenance | 1814 | 11.0 | 19954 |
| vi | 6th Year Maintenance | 1814 | 11.0 | 19954 |
| vii | 7th Year Maintenance | 1814 | 11.0 | 19954 |
| viii | 8th Year Maintenance | 1814 | 11.0 | 19954 |
| ix | 9th Year Maintenance | 1814 | 11.0 | 19954 |
| x | 10th Year Maintenance | 1814 | 11.0 | 19954 |
| xi | | | | 0 |
| | ToTal (B) Addl. C.A.Charges | | | 1126494 |
| C | Penal C.A. | | | 0 |
| D | Catchment Area Treatment/Soil and Moisture Conservation Charges | | 30% of the total CA | 616839 |
| E | Safety Zone if required | | | 0 |
| | | 0 | 0 | 0 |
| F | Add.charges if required | | | 0 |
| G | | 0 | 0 | 0 |
| H | Felling Charges | No. of trees | Volume(cum) | Rate |
| | | 0 | 0 | Rs.1200/-per CUM |
| | Grand Total | | | 3799464 |
| | Or Say Technical Details :- | | | |
| 6 | Technical Details of Compensatory Afforestation Scheme are as follows :- | | | |
| | General Details | | | Plantation will be done with 6 sticks individual fencing. |
| a | Spacement. | | | 4 mtr x 2.5mtr |
| b | Species. | | | Native species |
| c | Plantation | | | Tall Plantation |
| d | Soil and Moisture Conservation Works. | | | SDD structure, Cement structure , C.W.S. |
| e | Protection (Fencing, watchman, Peoples Participation etc). | | | 6 sticks individual fencing |
| f | Proposed Monitoring Mechanisim. | | | M&E |
| g | Any Other Information | | | No any. |

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

CA Scheme for P-Bag Plants

Full Title of the Project: Diversion of 11.505 Hac. of Forest Land for Widening & Strengthening of Road (MDR -118) from Sector-32, Panchkula to Morni Road (From KM 0- KM 17.7) in Distt. – Panchkula.

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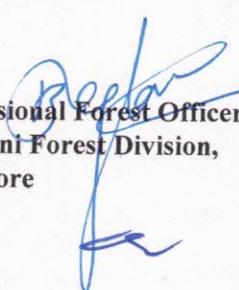
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| Name of the Forest/Reach to be diverted | Diversion of 11.505 Hac. of Forest Land for Widening & Strengthening of Road (MDR - 118) from Sector-32, Panchkula to Morni Road (From KM 0- KM 17.7) in Distt. – Panchkula. | | Panchkula Distt. |
| Forest Area (in Ha) | 11.505 Ha | | |
| Details of de-graded forest land/non forest land where CA is to be carried out : | Morni-Pinjore | | Village. |
| GPS Reading of proposed CA site | (I) R-70 C-1 Nada Beat, Panchkula Block & Berwala Beat Ramgarh Block, Panchkula Range (II) C-104, 105, 106 Mandhna Beat, Thapli Block, Pinjore Range (III) C-101, Bunga Beat, Balouti Block, Panchkula range | | |

| | | | |
|------------------------------|--|----------------------------|--|
| 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. | Hilly/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 Small plants norms at 4 mtr x 2.5mtr 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 | 173.0 | |
| i | 2nd Year Maintenance | 55.0 | |
| ii | 3rd Year Maintenance | 40.0 | |
| 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 | |
| | Total | 345.0 | |
| Area to be Diverted (Ha) | | | 11.505 |
| Area to be planted | | (Two times the diverted area (Ha)) | |
| | | | 23.010 |
| Nos of trees to be felled | | | 1289 |
| Nos of Plants to be planted @ 1000/- plants per Ha | | | 23010 |
| Nos of Plants to be damaged | | | 3407 |
| Two times of Plant to be damaged | | | 6814 |
| 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 | 20000 | 173.0 |
| ii | 2nd Year Maintenance | 20000 | 55.0 |
| iii | 3rd Year Maintenance | 20000 | 40.0 |
| iv | 4th Year Maintenance | 20000 | 11.0 |
| v | 5th Year Maintenance | 20000 | 11.0 |
| vi | 6th Year Maintenance | 20000 | 11.0 |
| vii | 7th Year Maintenance | 20000 | 11.0 |
| viii | 8th Year Maintenance | 20000 | 11.0 |
| ix | 9th Year Maintenance | 20000 | 11.0 |
| x | 10th Year Maintenance | 20000 | 11.0 |
| xi | | | 0 |
| | | | Total Charges |
| | | | 6900000 |
| Supervisory / Over Head / Miscellaneous Charges | | 10% of CA | |
| | | | 690000 |
| ToTal (A) | | | 7590000 |
| CA Charges | | | |

| B | Addl. Compensatory Afforestation Charges | | Nos of Plants | Rate Per plant | |
|------|--|---------------------|--------------------|---|----------|
| i | 1st Year Cost of Afforestation | | 5000 | 173.0 | 865000 |
| ii | 2nd Year Maintenance | | 5000 | 55.0 | 275000 |
| iii | 3rd Year Maintenance | | 5000 | 40.0 | 200000 |
| iv | 4th Year Maintenance | | 5000 | 11.0 | 55000 |
| v | 5th Year Maintenance | | 5000 | 11.0 | 55000 |
| vi | 6th Year Maintenance | | 5000 | 11.0 | 55000 |
| vii | 7th Year Maintenance | | 5000 | 11.0 | 55000 |
| viii | 8th Year Maintenance | | 5000 | 11.0 | 55000 |
| ix | 9th Year Maintenance | | 5000 | 11.0 | 55000 |
| x | 10th Year Maintenance | | 5000 | 11.0 | 55000 |
| xi | | | | | 0 |
| | ToTal (B) Addl. C.A.Charges | | | | 1725000 |
| C | Penal C.A. | | | | 0 |
| D | Catchment Area Treatment/Soil and Moisture Conservation Charges | | | 30% of the total CA | 2277000 |
| E | Safety Zone if required | | | | 0 |
| | 6 sticks individual fencing | 29824 Plants | | Rs. 46.63/- per fence | 1390693 |
| F | Add.charges if required | | | | 0 |
| G | | | 0 | 0 | 0 |
| H | Felling Charges | No. of trees | Volume(cum) | Rate | |
| | | 1289 trees | 429.23 | Rs.1200/-per CUM | 515076 |
| | Grand Total | | | | 13497769 |
| | Or Say Technical Details :- | | | | |
| 6 | Technical Details of Compensatory Afforestation Scheme are as follows :- | | | | |
| | General Details | | | Plantation will be done with 6 sticks individual fencing. | |
| a | Spacement. | | | 4 mtr x 2.5mtr | |
| b | Species. | | | Native species | |
| c | Plantation | | | Small Plantation | |
| d | Soil and Moisture Conservation Works. | | | SDD structure, Cement structure , C.W.S. | |
| e | Protection (Fencing, watchman, Peoples Participation etc). | | | 6 sticks individual fencing | |
| f | Proposed Monitoring Mechanisim. | | | M&E | |
| g | Any Other Information | | | No any. | |


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