

Title of the Project: For access to BPCL retail outlet along Kalanwali-Deshu Road, Km 0.590 (RHS) at village Kalanwali, under Forest Division & Distt. Sirsa.

File No.: FP/HR/Approach/150645/2021

Date of Proposal: 31/12/2021

CHECK LIST SERIAL NUMBER:-18

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted: Kalanwali-Deshu Road, Km 0.590 (RHS) at village Kalanwali, under Forest Division & Distt. Sirsa.

Forest Area=0.0030 ha.

Details of degraded forest land/non-forest land where C.A. is to be carried out.

Division: Sirsa

District: Sirsa

Tehsil: Kalanwali

Range: Kalanwali

C.A. Site name: Saharani Minor RD 15-55 Left Side

Area to be Afforested : 0.10 ha

a) Whether the site selected for Compensatory Afforestation is a Land bank: (No)

b) If the CA site is other than the land bank, reasons be given: N/A

In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :- N/A

i) Soil type: Sandy & loomy

ii) ii) Topography a. Hilly/Undulating/Plain : Plain

b. Slope: ~~Steep~~/Medium /Gentle: Gentle

iii) Whether the area is bearing any root stock of vegetation:- No

Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under:

1. Schedule of Plantation Programme:-

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

The plantation cost is calculated for Tall Plants norms at 4m x 2½m spacing at the wage rate of Rs. 373.21 per day as under:-

| Year | Rate per Plant |
|--------------------------------------------|------------------------|
| 1 st Year cost of afforestation | Rs. 410.07/- Per Plant |
| 2 nd Year maintenance | Rs. 131.72/- Per Plant |
| 3 rd Year maintenance | Rs. 47.83/- Per Plant |
| 4 th Year maintenance | Rs. 17.78/- Per Plant |
| 5 th Year maintenance | Rs. 17.78/- Per Plant |
| 6 th Year maintenance | Rs. 17.78/- Per Plant |
| 7 th Year maintenance | Rs. 17.78/- Per Plant |
| 8 th Year maintenance | Rs. 17.78/- Per Plant |
| 9 th Year maintenance | Rs. 17.78/- Per Plant |
| 10 th Year maintenance | Rs. 17.78/- Per Plant |
| Total | Rs. 714.08/- |

Area to be Diverted : 0.0030 ha.

No. of Trees to be felled : 2 (2.04 M³)

No. of Plants to be damaged : Nil

Area to be planted under normal CA : 0.10 ha. (Under Normal CA Scheme)

Plants to be Planted under normal CA : 100 (@ 1000 plants per ha.)

Addl C.A. in lieu of plants to be damaged = Nil

Area to be planted under Addl. CA : Nil

Total No. of plants to be planted (CA+Addl.CA) : 100

Total Area to be planted (CA+Addl.CA) : 0.10 (@ 1000 plants per ha.)

| Sr. No. | Description | Area in Ha. | Rate | Total Amt. (Rs.) |
|---------|----------------------------------------------------------------|---------------------|-------------------------------|------------------|
| A | Net Present Value of Forest Land to be diverted | 0.0030 | Rs. 13.5711 Lacs per Ha | 4071.00 |
| B | Compensatory afforestation Charges | No. of plants | | |
| | (1) 1st Year cost of afforestation | 100 | Rs. 410.07/- Per Plant | 41007.00 |
| | (2) 2nd Year maintenance | 100 | Rs. 131.72/- Per Plant | 13172.00 |
| | (3) 3rd Year maintenance | 100 | Rs. 47.83/- Per Plant | 4783.00 |
| | (4) 4th Year maintenance | 100 | Rs. 17.78/- Per Plant | 1788.00 |
| | (5) 5th Year maintenance | 100 | Rs. 17.78/- Per Plant | 1788.00 |
| | (6) 6th Year maintenance | 100 | Rs. 17.78/- Per Plant | 1788.00 |
| | (7) 7th Year maintenance | 100 | Rs. 17.78/- Per Plant | 1788.00 |
| | (8) 7th Year maintenance | 100 | Rs. 17.78/- Per Plant | 1788.00 |
| | (9) 9th year maintenance | 100 | Rs. 17.78/- Per Plant | 1788.00 |
| | (10) 10th Year maintenance | 100 | Rs. 17.78/- Per Plant | 1788.00 |
| | (11) Barbed wire fencing charge | 0.4 | Rs. 200000/- per RKM | 80000.00 |
| | Total C.A. Charges (B) | | Total | 151478.00 |
| C | Supervisory/Overhead /Miscellaneous Charges | | 10% on the total CA charges | 15148.00 |
| | Total C.A. Charges (B+C) | | Total | 166626.00 |
| D | Catchment Area Treatment Plan (Soil and Moisture Conservation) | | 30% of Total CA | 49988.00 |
| E | Additional Compensatory afforestation | | | 0.00 |
| | Total Add. C.A. Charges | | | 0.00 |
| F | Felling charges Volume (M ³) | 2.04 M ³ | Rs. 1200/- per M ³ | 2448.00 |
| | | | Total | 2448.00 |
| G | Any other charges (if necessary) | | | |
| | Demarcation Charges | 1 | 10000/- | 10000.00 |
| | Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA fund | | | 233133.00 |

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacing:- 4 × 2½ meter
- Species:- Neem, Shisham, Jamun etc.
- Plantation Method :- Tall Plantation
- Soil and Moisture Conservation Works: As per Scheme.
- Protection (Fencing, Watchman, People's Participation etc.): - Fencing
- Proposed Monitoring Mechanism:- (M&E)
- Any Other information:- Nil

Place: Sirsa

Dated :

NAWAL KISHORE, NFI

Divisional Forest Officer
Division