

**Title of the Project:** For access to HPCL retail outlet along on SH-23 (Sirsa to Bhambhoor road), at km. 30.605 (LHS) in village Ram Nagar, Khewat no.- 100, Khatauni no.- 169, Mustil no.- 30, Killa no.- 26/2/1/8/1 (14-7), Tehsil- Sirsa, under Forest Division & Distt. Sirsa.

**File No.:** FP/HR/Approach/86306/2020

**Date of Proposal:** 11/12/2020

## CHECK LIST SERIAL NUMBER:-18

### "SCHEME FOR C.A."

**Name of the Forest/Reach to be diverted:** SH-23 (Sirsa to Bhambhoor road), at km. 30.605 (LHS) in village Ram Nagar, Khewat no.- 100, Khatauni no.- 169, Mustil no.- 30, Killa no.- 26/2/1/8/1 (14-7), Tehsil- Sirsa, under Forest Division & Distt. Sirsa.

**Forest Area** = 0.0178 ha.

**Details of degraded forest land/non-forest land where C.A. is to be carried out.**  
Division: Sirsa      District: Sirsa      Tehsil: Sirsa      Range: Sirsa

**C.A. Site name:** Darbi Minor. RD 0-45 L/R 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: Soil type is sandy/loam  
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 <sup>st</sup> Year cost of afforestation	Rs. 410.07/- Per Plant
2 <sup>nd</sup> Year maintenance	Rs. 131.72/- Per Plant
3 <sup>rd</sup> Year maintenance	Rs. 47.83/- Per Plant
4 <sup>th</sup> Year maintenance	Rs. 17.78/- Per Plant
5 <sup>th</sup> Year maintenance	Rs. 17.78/- Per Plant
6 <sup>th</sup> Year maintenance	Rs. 17.78/- Per Plant
7 <sup>th</sup> Year maintenance	Rs. 17.78/- Per Plant
8 <sup>th</sup> Year maintenance	Rs. 17.78/- Per Plant
9 <sup>th</sup> Year maintenance	Rs. 17.78/- Per Plant
10 <sup>th</sup> Year maintenance	Rs. 17.78/- Per Plant
Total	Rs. 714.08

Area to be Diverted : 0.0178 ha.

No. of Trees to be felled : Nil

No. of Plants to be damaged : Nil

Area to be planted under normal CA : 0.100 ha. (Normal CA area planted)

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

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

Sr. No.	Description	Area in Ha.	Rate	Total Amt. (Rs.)
A	Net Present Value of Forest Land to be diverted	0.0178	Rs. 8.87 Lacs per Ha	15789
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	1778.00
	(5) 5th Year maintenance	100	Rs. 17.78/- Per Plant	1778.00
	(6) 6th Year maintenance	100	Rs. 17.78/- Per Plant	1778.00
	(7) 7th Year maintenance	100	Rs. 17.78/- Per Plant	1778.00
	(8) 8th Year maintenance	100	Rs. 17.78/- Per Plant	1778.00
	(9) 9th year maintenance	100	Rs. 17.78/- Per Plant	1778.00
	(10) 10th Year maintenance	100	Rs. 17.78/- Per Plant	1778.00
	(11) Barbed wire fencing charge	0.4	Rs. 200000/- per RKM	80000.00
	Total C.A. Charges (B)		Total	151408.00
C	Supervisory/Overhead /Miscellaneous Charges		10% on the total CA charges	15140.80
	Total C.A. Charges (B+C)		Total	166548.80
D	Catchment Area Treatment Plan (Soil and Moisture Conservation)		30% of Total CA	49964.64
E	Additional Compensatory afforestation			
	Total Add. C.A. Charges			0.00
F	Felling charges Volume (M3)	0	Rs. 1200/- per M3	0.00
			Total	0.00
G	Any other charges (if necessary)			0.00
	Misc. Charges		50000/-	50000
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA fund			282302.44

## 2. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacement:-  $4 \times 2\frac{1}{2}$  meter
- Species:- Neem, Shisham, Jamun etc.
- Plantation Method :- Tall Plantation
- Soil and Moisture Conservation Works: As per Scheme.
- Protection (Fencing, Watchman, Tree Guard etc.): - Fencing
- Proposed Monitoring Mechanism:- (M&E)
- Any Other information:- Nil

Place: Sirsa

Date:

Signature

Name:

Office Seal

Ram Kumar Jangra, H.F.S

Divisional Forest Officer  
SIRSA