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Title of the Project: For access to IOCL retail outlet along Sirsa-Vaidwala Road km. 2.261(RHS) at Village Vaidwala, under Forest Division & Distt. Sirsa.
File No.: FP/HR/Approach/49032/2020
Date of Proposal: 25/08/2020

CHECK LIST SERIAL NUMBER:-18

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted: Sirsa-Vaidwala Road km. 2.261(RHS) at Village Vaidwala, under Forest Division & Distt. Sirsa.
Forest Area = 0.008 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/Right 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. 347.08 per day as under:-

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 381.36/- Per Plant
2 nd Year maintenance	Rs. 122.5/- Per Plant
3 rd Year maintenance	Rs. 44.49/- Per Plant
4 th Year maintenance	Rs. 16.54/- Per Plant
5 th Year maintenance	Rs. 16.54/- Per Plant
6 th Year maintenance	Rs. 16.54/- Per Plant
7 th Year maintenance	Rs. 16.54/- Per Plant
8 th Year maintenance	Rs. 16.54/- Per Plant
9 th Year maintenance	Rs. 16.54/- Per Plant
10 th Year maintenance	Rs. 16.54/- Per Plant
Total	Rs. 664.13

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Area to be Diverted : 0.008 ha.
 No. of Trees to be felled : 2
 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	0.008	Rs. 8.87 Lacs per Ha	7096
B	Compensatory afforestation Charges	No. of plants		
	(1) 1st Year cost of afforestation	100	Rs. 381.36/- Per Plant	38136.00
	(2) 2nd Year maintenance	100	Rs. 122.50/- Per Plant	12250.00
	(3) 3rd Year maintenance	100	Rs. 44.49/- Per Plant	4449.00
	(4) 4th Year maintenance	100	Rs. 16.54/- Per Plant	1654.00
	(5) 5th Year maintenance	100	Rs. 16.54/- Per Plant	1654.00
	(6) 6th Year maintenance	100	Rs. 16.54/- Per Plant	1654.00
	(7) 7th Year maintenance	100	Rs. 16.54/- Per Plant	1654.00
	(8) 8th Year maintenance	100	Rs. 16.54/- Per Plant	1654.00
	(9) 9th year maintenance	100	Rs. 16.54/- Per Plant	1654.00
	(10) 10th Year maintenance	100	Rs. 16.54/- Per Plant	1654.00
	(11) Barbed wire fencing charge	0.4	Rs. 200000/- per RKM	80000.00
	Total C.A. Charges (B)		Total	146413.00
C	Supervisory/Overhead /Miscellaneous Charges		10% on the total CA charges	14641
	Total C.A. Charges (B+C)		Total	161054
D	Catchment Area Treatment Plan (Soil and Moisture Conservation)		30% of Total CA	48317
E	Additional Compensatory afforestation			
	Total Add. C.A. Charges			0.00
F	Felling charges Volume (M3)	0.71	Rs. 1200/- per M3	852.00
			Total	852.00
G	Any other charges (if necessary)			0.00
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA fund			217319

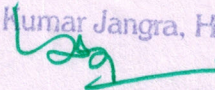
2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacing:- $4 \times 2\frac{1}{2}$ 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