

Title of the Project: For access to retail outlet of IOC Ltd. along Chautala-Sangria Bypass road Km 3-5 L/s at village Chautala, under Forest Division & Distt. Sirsa.

File No. : FP/HR/Others/14535/2015

Date of Proposal : 07/08/2015

CHECK LIST SERIAL NUMBER:-18
"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted: Chautala-Sangria Bypass road Km 3-5 L/side at village Chautala, under Forest Division & Distt. Sirsa.

Forest Area = 0.0115 ha.

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

Division: Sirsa District: Sirsa Tehsil: Dabwali Range: Dabwali

C.A. Site name: Jandwala Minor RD 0-57 R/s

Area to be Afforested : 0.06 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: Good

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. 326.82 per day as under:-

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 359.10 Per Plant
2 nd Year maintenance	Rs. 115.35 Per Plant
3 rd Year maintenance	Rs. 41.89 Per Plant
4 th Year maintenance	Rs. 15.58 Per Plant
5 th Year maintenance	Rs. 15.58 Per Plant
6 th Year maintenance	Rs. 15.58 Per Plant
7 th Year maintenance	Rs. 15.58 Per Plant
8 th Year maintenance	Rs. 15.58 Per Plant
9 th Year maintenance	Rs. 15.58 Per Plant
10 th Year maintenance	Rs. 15.58 Per Plant
Total	Rs. 625.40

Area to be Diverted : 0.0115 ha.

No. of Trees to be felled : Nil

No. of Plants to be damaged : 05

Area to be planted under normal CA : 0.05 ha. (Minimum 50 plants)

Plants to be Planted under normal CA : 50 (@ 1000 plants per ha.)

Addl C.A. in lieu of plants to be damaged = 10 (double the plants to be damaged)

Area to planted under Addl. CA : 0.01 (@ 1000 plants per ha.)

Total No. of plants to be planted (CA+Addl.CA) : 60

Total Area to be planted (CA+Addl.CA) : 0.06 ha. (@ 1000 plants per ha.)

S. No.	Description	Area (ha)	Rate	Total Amt. (Rs.)
A	N P V of Forest Land to be diverted	0.0115	Rs. 8.87 Lacs per Ha	10201
B	Compensatory afforestation Charges	Plants	Rate	
	(1) 1st Year cost of afforestation	50	Rs. 359.1/- Per Plant	17955
	(2) 2nd Year maintenance	50	Rs. 115.35/- Per Plant	5767.5
	(3) 3rd Year maintenance	50	Rs. 41.89/- Per Plant	2094.5
	(4) 4th Year maintenance	50	Rs. 15.58/- Per Plant	779
	(5) 5th Year maintenance	50	Rs. 15.58/- Per Plant	779
	(6) 6th Year maintenance	50	Rs. 15.58/- Per Plant	779
	(7) 7th Year maintenance	50	Rs. 15.58/- Per Plant	779
	(8) 7th Year maintenance	50	Rs. 15.58/- Per Plant	779
	(9) 9th year maintenance	50	Rs. 15.58/- Per Plant	779
	(10) 10th Year maintenance	50	Rs. 15.58/- Per Plant	779
	(11) Barbed wire fencing charge	0.2	Rs. 76700/- Per RKM	15340
	Total C.A. Charges (B)		Total	46610
C	Supervisory/Overhead /Misc Charges		10% on the total CA	4661
	Total C.A. Charges (B+C)		Total	51271
D	C A T Plan (Soil and Moisture Conservation)		30% of Total CA	15381
E	Additional Compensatory afforestation			
	(1) 1st Year cost of afforestation	10	Rs. 359.1/- Per Plant	3591
	(2) 2nd Year maintenance	10	Rs. 115.35/- Per Plant	1154
	(3) 3rd Year maintenance	10	Rs. 41.89/- Per Plant	419
	(4) 4th Year maintenance	10	Rs. 15.58/- Per Plant	156
	(5) 5th Year maintenance	10	Rs. 15.58/- Per Plant	156
	(6) 6th Year maintenance	10	Rs. 15.58/- Per Plant	156
	(7) 7th Year maintenance	10	Rs. 15.58/- Per Plant	156
	(8) 7th Year maintenance	10	Rs. 15.58/- Per Plant	156
	(9) 9th year maintenance	10	Rs. 15.58/- Per Plant	156
	(10) 10th Year maintenance	10	Rs. 15.58/- Per Plant	156
	(11) Barbed wire fencing charge	0.04	Rs. 76700/- Per RKM	3068
	Total Addl. CA Charges			9322
	Supervisory/Overhead /Misc Charges			932
	Total Add. C.A. Charges			10254
F	Felling charges Volume M3	0	Rs. 1200/- per M3	0
	Grand Total (A+B+C+D+E+F) to be deposited in CAMPA fund			87107

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details:- Plantation will be done with 3 strand barbed wire.
- b) Spacement:- 4 × 2½ meter
- c) Species:- Neem, Shisham, Jamun etc.
- d) Plantation Method :- Tall Plantation
- e) Soil and Moisture Conservation Works: Nil
- f) Protection (Fencing, Watchman, People's Participation etc.): - Fencing
- g) Proposed Monitoring Mechanism:- (M&E)
- h) Any Other information:- Nil.

Place: Sirsa

Dated : 07.3.19

Ram Kumar Jangra, H.F.S

Divisional Forest Officer,
SIRSA

7.3.19

7/3/19