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Title of the Project: For access to BPCL retail outlet along Rania-Kharian road km 10-11 (LHS) at Village Kharian, under Forest Division & Distt. Sirsa.

File No.: FP/HR/Approach/41834/2019

Date of Proposal: 31/08/2019

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

Name of the Forest/Reach to be diverted: Rania-Kharian road km 10-11 (LHS) at Village Kharian, under Forest Division & Distt. Sirsa.

Forest Area: 0.007 ha.

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

Division: Sirsa

District: Sirsa

Tehsil: Rania

Range: Rania

C.A. Site name: Harni Minor RD 3-6 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: Good

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 Program :-

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 : 0.007 ha.
 No. of Trees to be felled : Nil
 No. of Plants to be damaged : Nil
 Area to be planted under normal CA : 0.10 ha. (Under minimum 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 (@ 1000 plants per ha.)
Total No. of plants to be planted (CA+Addl.CA) : 100
Total Area to be planted (CA+Addl.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	0.007	Rs. 8.87 Lacs per Ha	6209
B	Compensatory afforestation Charges	No. of plants		
	(1) 1st Year cost of afforestation	100	Rs. 359.1/- Per Plant	35910
	(2) 2nd Year maintenance	100	Rs. 115.35/- Per Plant	11535.0
	(3) 3rd Year maintenance	100	Rs. 41.89/- Per Plant	4189
	(4) 4th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(5) 5th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(6) 6th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(7) 7th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(8) 7th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(9) 9th year maintenance	100	Rs. 15.58/- Per Plant	1558
	(10) 10th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(11) Barbed wire fencing charge	0.4	Rs. 76700/- Per RKM	30680
	Total C.A. Charges (B)		Total	93220
C	Supervisory/Overhead /Miscellaneous Charges		10% on the total CA charges	9322
	Total C.A. Charges (B+C)		Total	102542
D	Catchment Area Treatment Plan (Soil and Moisture Conservation)		30% of Total CA	30763
E	Additional Compensatory afforestation			
	Total Add. C.A. Charges			0
F	Felling charges Volume (M3)	0	Rs. 1200/- per M3	0
	Total (1+2)		Total	0
G	Any other charges (if necessary)			
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA fund			139514

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 | : | As per Scheme. |
| f) Protection (Fencing, Watchman, People's Participation etc.) | : | Fencing |
| g) Proposed Monitoring Mechanism | : | (M&E) |
| h) Any Other information | : | Nil |

Place: Sirsa

Dated :

Ram Kumar Jangra H.F.S

Divisional Forest Officer.
SIRSA