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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 :

NAVAL KISHORE, NPS

Divisional Forest Officer
Division