

Title of the Project: For access to BPCL Retail Outlet along on Jiwan-Nagar Dabwali Road SH-32 at khewat No. 348 Min, Khatoni No. 393 Min, Khasra No. 191//7/2 at village Dhudianwali, Tehsil- Rania, Distt. Sirsa under Forest Division & Distt. Sirsa.

File No.: FP/HR/Approach/148598/2021

Date of Proposal: 21/10/2021

CHECK LIST SERIAL NUMBER:-18

"SCHEME FOR C.A."

SS

Name of the Forest/Reach to be diverted: Jiwan-Nagar Dabwali Road SH-32 at khewat No. 348 Min, Khatoni No. 393 Min, Khasra No. 191//7/2 at village Dhudianwali, Tehsil- Rania, Distt. Sirsa under Forest Division & Distt. Sirsa.

Forest Area= 0.016 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: **Rania Minor. RD 1-3 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: 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 spacing at the wage rate of Rs. 388.42 per day as under:-

Year	Rate per Plant
1 st Year cost of Afforestation	Rs. 426.78/- Per Plant
2 nd Year Maintenance	Rs. 137.09/- Per Plant
3 rd Year Maintenance	Rs. 49.78/- Per Plant
4 th Year Maintenance	Rs. 18.50/- Per Plant
5 th Year Maintenance	Rs. 18.50/- Per Plant
6 th Year Maintenance	Rs. 18.50/- Per Plant
7 th Year Maintenance	Rs. 18.50/- Per Plant
8 th Year Maintenance	Rs. 18.50/- Per Plant
9 th Year Maintenance	Rs. 18.50/- Per Plant
10 th Year Maintenances	Rs. 18.50/- Per Plant
Total	Rs. 743.18/-

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NPV Calculation Sheet

Net present Value to be realized in lieu of diversion of 0.016 ha. of Forest Land for access to BPCL Retail Outlet along on Jiwan-Nagar Dabwali Road SH-32 at khewat No. 348 Min, Khatoni No. 393 Min, Khasra No. 191//7/2 at village Dhudianwali, under Forest Division & Distt. Sirsa, Haryana have been fixed based on the outcome Scientific accessment of Ecosystem Goods and Services.


In this case NPV is calculated as per Eco class III (Open) @ 957780/- Per ha.

Fitment factor of 1.53 i.e @

Diverted Land $0.016 \times 957780 = 15324/-$


Nawal Kishore, HFS

Divisional Forest Officer,
Sirsa Forest Division, Sirsa


13/10/22

Area to be Diverted: 0.016 ha.

No. of Trees to be felled: 4 (5.10 M³)

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.)

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

Total Plants to be planted (CA+Addl.CA) 100 plants

Sr. No.	Description	Area in Ha.	Rate	Total Amt. (Rs.)
A	Compensatory afforestation Charges	No. of plants		
	(1) 1st Year cost of Afforestation	100	Rs. 426.78/- Per Plant	42678
	(2) 2nd Year Maintenance	100	Rs. 137.09/- Per Plant	13709
	(3) 3rd Year Maintenance	100	Rs. 49.78/- Per Plant	4978
	(4) 4th Year Maintenance	100	Rs. 18.50/- Per Plant	1850
	(5) 5th Year Maintenance	100	Rs. 18.50/- Per Plant	1850
	(6) 6th Year Maintenance	100	Rs. 18.50/- Per Plant	1850
	(7) 7th Year Maintenance	100	Rs. 18.50/- Per Plant	1850
	(8) 8th Year Maintenance	100	Rs. 18.50/- Per Plant	1850
	(9) 9th year Maintenance	100	Rs. 18.50/- Per Plant	1850
	(10) 10th Year Maintenance	100	Rs. 18.50/- Per Plant	1850
	(11) Barbed wire Fencing Charge	0.40	Rs. 200000/- per RKM	80000
			Total	154315
	Supervisory/Overhead /Miscellaneous Charges		10% on the total CA charges (1st year cost to 10 year Maintenance)	7432
	Catchment Area Treatment Plan (Soil and Moisture Conservation)		30% of Total CA (1st year cost to 10 year Maintenance)	22295
	Total C.A. Charges		G.Total (C.A)	184041
B	Additional Compensatory afforestation			
			Total Add. C.A. Charges	0
C	Penalty for violation			0
D	Felling charges Volume (M3)	5.10	Rs. 1200/- per M3	6120
			Total	6120
E	Any other charges (if necessary)	Demarcation Charges		0
	Grand Total (A+B+C+D+E) to be deposited in CAMPA Fund			190161.00

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 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 :


Nawal Kishore, HFS

Divisional Forest Officer
Sirsa Forest Division, Sirsa




13/10/22