

Title of the Project: Diversion of 0.096 Ha. of Forest Land for Construction of 132 KV D/C Line Avaada Green HN Project Private Limited, Poharka to 132 KV S/Stn., Mithi Sureran (Ellenabad), under Forest Division & Distt. Sirsa.

File No.: FP/HR/TRANS/148304/2021

Date of Proposal: 11/10/2021

CHECK LIST SERIAL NUMBER:-18

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted: Poharka to 132 KV S/Stn., Mithi-Sureran (Ellenabad), under Forest Division & Distt. Sirsa.

Forest Area = 0.096 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: Ottu Feeder RD 55-65 Right Side

Area to be Afforested : 0.234 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) 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. 393.97/- per day as under:-

Year	Rate per Plant
1 st Year Cost of Afforestation	Rs. 432.88/- Per Plant
2 nd Year Maintenance	Rs. 139.05/- Per Plant
3 rd Year Maintenance	Rs. 50.49/- Per Plant
4 th Year Maintenance	Rs. 18.76/- Per Plant
5 th Year Maintenance	Rs. 18.76/- Per Plant
6 th Year Maintenance	Rs. 18.76/- Per Plant
7 th Year Maintenance	Rs. 18.76/- Per Plant
8 th Year Maintenance	Rs. 18.76/- Per Plant
9 th Year Maintenance	Rs. 18.76/- Per Plant
10 th Year Maintenance	Rs. 18.76/- Per Plant
Total	Rs. 753.77

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Area to be Diverted : 0.096 ha.

No. of Trees to be felled : 20 (36.40 M³)

No. of Plants to be damaged : 17

Area to be planted under normal CA : 0.20 ha. (Ten times of trees to be felled)

Plants to be Planted under normal CA : 200 (@ 1000 plants per ha.)

Addl C.A. in lieu of plants to be damaged = 34 (Double plants planted in lieu of damaged)

Area to be planted under Addl. CA : 0.034 ha. (@ 1000 plants per ha.)

Total No. of plants to be planted (CA+Addl.CA) : 200+34=234

Total Area to be planted (CA+Addl.CA) : 0.20+0.034=0.234 (@ 1000 plants per ha.)

A	Compensatory Afforestation Charges	No. of Plants	Rate	Amount
	(1) 1st Year cost of Afforestation	200	Rs. 432.88/- Per Plant	86576
	(2) 2nd Year Maintenance	200	Rs. 139.05/- Per Plant	27810
	(3) 3rd Year Maintenance	200	Rs. 50.49/- Per Plant	10098
	(4) 4th Year Maintenance	200	Rs. 18.76/- Per Plant	3752
	(5) 5th Year Maintenance	200	Rs. 18.76/- Per Plant	3752
	(6) 6th Year Maintenance	200	Rs. 18.76/- Per Plant	3752
	(7) 7th Year Maintenance	200	Rs. 18.76/- Per Plant	3752
	(8) 8th Year Maintenance	200	Rs. 18.76/- Per Plant	3752
	(9) 9th year Maintenance	200	Rs. 18.76/- Per Plant	3752
	(10) 10th Year Maintenance	200	Rs. 18.76/- Per Plant	3752
	(11) Barbed Wire Fencing Charges	0.80	Rs. 200000/- per RKM	160000
			Total	310748.00
	Supervisory/Overhead /Miscellaneous Charges		10% on the Total CA Charges (1st Year Cost to 10 Year Maintenance)	15075
	Catchment Area Treatment Plan (Soil and Moisture Conservation)		30% of Total CA (1st Year Cost to 10 Year Maintenance)	45224
	Total C.A. Charges		G.Total (C.A)	371047.00
B	Additional Compensatory Afforestation			
	(1) 1st Year cost of Afforestation	34	Rs. 432.88/- Per Plant	14718
	(2) 2nd Year Maintenance	34	Rs. 139.05/- Per Plant	4728
	(3) 3rd Year Maintenance	34	Rs. 50.49/- Per Plant	1717
	(4) 4th Year Maintenance	34	Rs. 18.76/- Per Plant	638
	(5) 5th Year Maintenance	34	Rs. 18.76/- Per Plant	638
	(6) 6th Year Maintenance	34	Rs. 18.76/- Per Plant	638
	(7) 7th Year Maintenance	34	Rs. 18.76/- Per Plant	638
	(8) 8th Year Maintenance	34	Rs. 18.76/- Per Plant	638
	(9) 9th year Maintenance	34	Rs. 18.76/- Per Plant	638
	(10) 10th Year Maintenance	34	Rs. 18.76/- Per Plant	638
	(11) Barbed Wire Fencing Charges	0.136	Rs. 200000/- per RKM	27200
			Total	52827.00

	Supervisory/Overhead /Miscellaneous Charges		10% on the Total Addl. CA charges (1st Year Cost to 10 Year Maintenance)	2563
	Catchment Area Treatment Plan (Soil and Moisture Conservation)		30% of Total Addl. CA (1st Year Cost to 10 Year Maintenance)	7688
			Total Add. C.A. Charges	63078.00
C	Penalty for Violation as per provisions of s.no. ii (a) Para 1.21 Chapter-1 of Handbook of forest (Conservation) Act, 1980 and forest Conservation Rules, 2003 (Guidelines & Clarifications)-2019 with interest.		Amount of NPV for Penalty/Violation+Amount of interest	0
D	Felling charges Volume (M3)	36.40	Rs. 1200/- per M3	43680
			Total	43680.00
E	Any Other Charges (if necessary)			
	Demarcation Charges			10000.00
	Grand Total (A+B+C+D+E) to be Deposited in CAMPA fund			487805.00

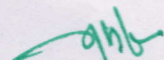
2. **Technical details:-**

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 :04-05-2023


Nawal Kishore, HPS

Divisional Forest Officer
Sirsa Forest Division, Sirsa


04/05/23