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Full Title of the Project: Diversion of 0.0096ha. Forest Land for const. of app. Road to retail outlet along Bahadurgarh- Badli-Chandu Road KM. 25 R-Side VPO Badsa by HPCL Ltd in Distt. Jhajjar

File No. : FCA-1980-C-XVII-308

Date of Proposal: 13 Jan, 2020

CHECK LIST SERIAL NUMBER:-17

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted

Forest Area = 0.0096ha.

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

Division:- Jhajjar District :- Jhajjar Tehsil: Badli Range:- Bahadurgarh

C.A Site Name – Barahi Minor Rd 6-15

Start E 76° 55' 33.81" N 28° 46' 26.45"

End E 76° 54' 59.20" N 28° 43' 48.16"

Area to be Afforested :-

a) **Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No):**

b) **If the CA site is other than the land bank, reasons be given:-**

In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :-

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 ;

I. 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 : 0.0096ha.

No. of Trees to be felled : Nil

No. of Plants to be damaged : 4no.

Area to be planted under normal CA : 0.100 ha. (Double the area to be diverted)

Plants to be Planted under normal CA : 100plants (@ 1000 plants per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)= 8no.

Area to planted under Addl. CA : 0.008 ha. (@ 1000 plants per ha.)

Total No. of plants to be planted (CA+Addl.CA) : 108plants

Total Area to be planted (CA+Addl.CA) : 0.108ha. (@ 1000 plants per ha.)

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plant		
	(1) 1 st Year cost of afforestation	100	Rs. 359.10 Per Plant	35910
	(2) 2 nd Year maintenance	100	Rs. 115.35 Per Plant	11535
	(3) 3 rd Year maintenance	100	Rs. 41.89 Per Plant	4189
	(4) 4 th Year maintenance	100	Rs. 15.58 Per Plant	1558
	(5) 5 th Year maintenance	100	Rs. 15.58 Per Plant	1558
	(6) 6 th Year maintenance	100	Rs. 15.58 Per Plant	1558
	(7) 7 th Year maintenance	100	Rs. 15.58 Per Plant	1558
	(8) 8 th Year maintenance	100	Rs. 15.58 Per Plant	1558
	(9) 9 th Year maintenance	100	Rs. 15.58 Per Plant	1558
	(10) 10 th Year maintenance	100	Rs. 15.58 Per Plant	1558
	(11) Barbed wire fencing charge	RKM		
		0.48	Rs.76700/- Per RKM	36816
	Total Charges			111867
B	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	11187
	Total (A) C.A. Charge			123054
	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	8	Rs. 359.10 Per Plant	2873
	(2) 2 nd Year maintenance	8	Rs. 115.35 Per Plant	923
	(3) 3 rd Year maintenance	8	Rs. 41.89 Per Plant	335
	(4) 4 th Year maintenance	8	Rs. 15.58 Per Plant	125
	(5) 5 th Year maintenance	8	Rs. 15.58 Per Plant	125

	(6) 6 th Year maintenance	8	Rs. 15.58 Per Plant	125
	(7) 7 th Year maintenance	8	Rs. 15.58 Per Plant	125
	(8) 8 th Year maintenance	8	Rs. 15.58 Per Plant	125
	(9) 9 th Year maintenance	8	Rs. 15.58 Per Plant	125
	(10) 10 th Year maintenance	8	Rs. 15.58 Per Plant	125
	(11) Barbed wire fencing charge	RKM 0.032	Rs.76700/- Per RKM	2454
	Total (B) Addl. C.A. Charges			7460
C	Penal C.A.	-		0
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges		30% of the Total CA	36916
	Total (D)			
E	Safety Zone (if required)			
F	Additional Charges (if required)	Qty	Rate	
	Total (F)			
G	Net Present Value of Forest Land to be diverted		Rs. 887000/- per ha.	8515
H	Felling charges	Vol. M ³ 0	Rs.1200 /- per m ³	0
	Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund			175945

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacing:- $4 \times 2\frac{1}{2}$ meter
- Species:- Neem, Jamun, Shisham, Papri etc.
- Plantation Method :- Tall Plantation
- Soil and Moisture Conservation Works
- Protection (Fencing, Watch man, People's Participation etc.): - **Fencing**
- Proposed Monitoring Mechanism:- (M&E),
- Any Other information:- Nil.

Place : Jhajjar

Dated 20-01-2020


Dy. Conservator of Forests

Jhajjar Forest Division.

Office Seal.....

Dy. Conservator of Forests
Jhajjar