

Full Title of the Project: Diversion of 0.0840 Ha. of Forest land in favour of Executive Engineer, TS Divn. HVPNL, Ambala City erection of 220 KV D/C Cheeka-Dhurala transmission line for 220 KV S/Stn. Sonta under forest division and distt. Ambala, Haryana.

File No.:

Date of Proposal:

CHECK LIST SERIAL: NUMBER -17
"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for compensatory afforestation in lieu of 0.0840 ha. of Forest area to be diverted: for **Diversion of 0.0840 Ha. of Forest land in favour of Executive Engineer, TS Divn. HVPNL, Ambala City erection of 220 KV D/C Cheeka-Dhurala transmission line for 220 KV S/Stn. Sonta under forest division and distt. Ambala, Haryana.**

1. Detail of Degraded Forest Land/ Non –Forest land:-

District:-Ambala Village:-Ambala Tehsil:-Ambala

Name of the Forest Division: **Ambala Forest Division, Ambala.**

Range: Ambala

Block/Compartment/Survey No.: Hamidpur P.F Area to be afforested :- 320 No. Tall Plants (1.28 RKM) Area to be planted

2. Description of the Area:-

- i. Whether the site selected for Compensatory Afforestation is a land bank or not:-
No, the site selected for compensatory Afforestation is not a land bank.
- ii. If the Compensatory Afforestation site is other than the land bank, reason to be given:-
- iii. In case of non- forest area identified for C.A., then what is the distance of C.A. site from the adjoining forest boundary:- **C.A. will be carried out in Protected forest Area.**
- iv. Soil Type:- **good**
- v. Topography:-
 - a. Hilly/undulating/Plain:- **Plain**
 - b. Slope:- Steep/Medium/Gentle:- **Gentle**
- vi. Whether the area is bearing any root stock of vegetation:- **No**

3. Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up the enclosed.

4. Schedule of Plantation Programme :-

Detail of year wise break-up of requirement of funds is as under:-

The plantation cost is calculated for Tall Plantation norms at 4mx2½m spacing at the wage rate of Rs. 224/- per day as under :-

Sr. No.	Description Rate	Rate (in Rs.)	Per
1	(1) 1st Year Cost of afforestation	172	Per Plants
2	(2) 2nd Year Maintenance	63	Per Plants
3	(3) 3rd Year Maintenance	32	Per Plants
4	(4) 4th Year Maintenance	25	Per Plants
5	(5) 5th Year Maintenance	26	Per Plants
6	(6) 6th Year Maintenance	15	Per Plants
7	(7) 7th Year Maintenance	8	Per Plants
8	(8) 8th Year Maintenance	9	Per Plants
9	(9) 9th Year Maintenance	10	Per Plants
10	(10) 10th Year Maintenance	11	Per Plants
	Total	372/-	

COMPENSATORY AFFORESTATION SCHEME (Tall Plants)

Compensatory Afforestation Scheme in Case of Diversion of 0.0840 Ha. of Forest land in favour of Executive Engineer, TS Divn. HVPNL, Ambala City erection of 220 KV D/C Cheeka-Dhurala transmission line for 220 KV S/Stn. Sonta under forest division and distt. Ambala, Haryana.

Area to be Diverted for Non Forestry Purpose		840.000	S.Mtr.
	or say	0.0840	Hectare
Compensatory afforestation to be done		0.1680	Hectare
A) In this case trees to be felled and their volume		32	tree
		11.57	volume
Therefore no. of plants to be planted	32	10	320 Plants
A) Total plants to be planted			320 Plants
(B) No. of Plants to be damaged			0 Plants
(B) Total Plants to be damaged			0 Plants
C) In this case area to be diverted more than 1 ha. therefore no. of plants to be planted (As per PCCF letter no. D-III-10-66-C/2855-58 dt. 27-6-08	0.168	1000	168 Plants
(C) Total plants to be planted			168 Plants
Therefore No. of plants to be planted under CA (Maximum of a, b or c)			320 Plants
or say			320 Plants
In this case plantation to be done in RKM	320	250	1.28 Rkm

Sr. No.	Description	Rate (in Rs.)	Per	Total Amount
(A)	Compensatory Afforestation Charges	No. of Plants		
	(1) 1st Year Cost of Afforestation	320	172 Per Plants	55040
	(2) 2nd Year Maintenance		63 Per Plants	20160
	(3) 3rd Year Maintenance		32 Per Plants	10240
	(4) 4th Year Maintenance		25 Per Plants	8000
	(5) 5th Year Maintenance		26 Per Plants	8320
	(6) 6th Year Maintenance		15 Per Plants	4800
	(7) 7th Year Maintenance		8 Per Plants	2560
	(8) 8th Year Maintenance		9 Per Plants	2880
	(9) 9th Year Maintenance		10 Per Plants	3200
	(10) 10th Year Maintenance		11 Per Plants	3520
	(11) Barbed wire fencing charges	1.28	76700 Per Rkm.	98176
	Total CA Charges (A above)			216896
	Supervisory/ Overhead/ Miscellaneous charges		10% on the total CA charges	21690
	Sub Total (A) CA Charges			238586
(B)	Additional Compensatory Afforestation Charges			
	(1) 1st Year Cost of Afforestation	0	172 Per Plants	0
	(2) 2nd Year Maintenance		64 Per Plants	0
	(3) 3rd Year Maintenance		32 Per Plants	0
	(4) 4th Year Maintenance		25 Per Plants	0
	(5) 5th Year Maintenance		26 Per Plants	0
	(6) 6th Year Maintenance		15 Per Plants	0
	(7) 7th Year Maintenance		8 Per Plants	0
	(8) 8th Year Maintenance		9 Per Plants	0
	(9) 9th Year Maintenance		10 Per Plants	0
	(10) 10th Year Maintenance		11 Per Plants	0
	(11) Barbed wire fencing charges	0.000	76700 Per Rkm.	0
	Sub Total (B) CA Charges			0
(C)	Penal C.A			0
(D)	Catchment Area Treatment			
	Soil and Moisture Conservation		30% of the Total CA	71576
	Sub Total (D)			71576
(E)	Safety Zone			0
(F)	Additional Charges			0
	Sub Total (F)			0
(G)	Net Present value of Forest Land to be diverted		887000 Per ha.	74508
(H)	Felling charges Volume in M3	11.57	1200 Per M3	13884
(I)	Plantation damage charges	0	0 Per Plants	0
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA fund			398554

5. **Technical details:-**

Technical detail of Compensatory Afforestation Scheme are as follows:-


- a) General Detail:- Plantation will be done with 3 strand barbed wire in

Hamidpur R.F Area 1.28 RKM

- b) Spacing:- 4m x 2½m
- c) Species:- Neem, Bakain, Papri etc.
- d) Plantation method:- Tall Plantation
- e) Soil and Moisture Conservation work:-
- f) Protection:- (Fencing, Watch man, People's Participation etc.): -Fencing
- g) Proposed Monitoring Mechanism:- Checking of Plantation work will be Done by RFO, DCF, CF & DCF (M&E)
- h) Any other information:- Nil

Place:- Ambala

Date:- 15-6-2016


 Divisional Forest Officer,
 Ambala Forest Division,
 Ambala.