

File No. : FP/HR/TRANS/10230/2015

Date of Proposal : 20-02-2015

CHECK LIST SERIAL NUMBER: 18
"SCHEME FOR COMPENSATORY AFFORESTATION"

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 0.39 ha., of forest area to be diverted for Diversion of 0.1837 ha. of forest land in favour of **Executive Engineer Transmission Division HVPNL Panipat** for construction of 220 KV D/C line from 400 KV S/stn. Deepalpur to Sec. 6 Sonapat, under Division & Distt. Sonapat.

1. **Details of degraded forest land/non-forest land:-**

District Sonapat Village: Kamaspur
 Tehsil : Sonapat
 Name of Forest Division Sonapat Range. Sonapat
 Block/Compartment/Survey No. H43X1
 Area to be afforested 0.39 ha., 1-L Minor RD 55 to 56 R/side
 Longitude : 77°06'8.0" Latitude : 28°59'42"

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 CA site is other than the land bank, reasons be given : There is not land bank in District Sonapat plantation will be done in Protected Forest areas.

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

IV) Soil type : Clay Loan

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 to be enclosed

4. **Schedule of Plantation Programme:-**

Details of year-wise break up of requirements of funds is as under:-:

The cost norms of ridge plantation 1 ha. i.e. 1000 tall plants as approved by PCCF, Harvana vide his letter No. D-10-66/1605-25 dated 6-6-2012 at the wages rate Rs. 190/- per day as under:-

S.No.	Year	Rate per plants
1	Ist year plantation	Rs. 124/- per plant
2	IInd year plantation	Rs. 43/- per plant
3	IIIrd year plantation	Rs. 19/- per plant
4	IVth year plantation	Rs. 13/- per plant
5	Vth year plantation	Rs. 13/- per plant
6	VIth year plantation	Rs. 11/- per plant
7	VIIth year plantation	Rs. 11/- per plant
	Total	Rs. 234/-

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Area to be Diverted = 0.1837 Ha.

Area to be planted (Double area) = 0.3674 ha.

No. of plants to be planted @ 1000 plants per ha. = 367 plants

No. of trees to be felled = 39

Ten Times = 390

No. of plants to be damaged = 4

Plants planted per RKM $390 \div 250 = 1.56$ RKM


S.No.	DESCRIPTION	Rate	Total Amount (Rs.)
(A)	Net present value of forest land to be diverted	Rs. 8.87 Laacs/Ha.	162942.00
(B)	Compensatory Afforestation charges	No. of plants	
	(1) 1 st year cost of afforestation	390	Rs.124/- per plants
	(2) 2 nd year maintenance	390	Rs. 43/- per plant
	(3) 3rd year maintenance	390	Rs. 19/- per plant
	(4) 4th year maintenance	390	Rs. 13/- per plant
	(5) 5th year maintenance	390	Rs. 13/- per plant
	(6) 6th year maintenance	390	Rs. 11/- per plant
	(7) 7th year maintenance	390	Rs. 11/- per plant
	(8) Barbed wire fencing charge 1.56 RKM	@65000	101400.00
	Total C.A. Charge (1 to 8)		192660.00
(C)	Supervisory/ Overhead/Miscellaneous Charges	10% on the total C.A. charge	19266.00
(D)	1) Felling charge (39 Tree, Volume = 28,5287 m ³)	Rs. 720/- per m ³	20540.00
	2) Plantation damage charges 4 plants	Rs. 200 per plants	800.00
(E)	Any other charges (if, Necessary)		0.00
	GRAND TOTAL		396208.00

5.

Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details : Plantation will be done with 3 strand barbed wire in protected forest
- Spacing : 4x4 mtr. Plant planting
- Species : Shisham, Neem, Jamun etc.
- Plantation Method : Tall Plant
- Soil and Moisture Conservation Works : Nil
- Protection (Fencing, Watch man, People's Participation etc.): Fencing
- Proposed Monitoring Mechanism : M&E
- Any other information:-


 Divisional Forest Officer
 Forest Division
 Sundernagar