

Full Title of the Project: Diversion of 0.1978 Ha of Forest Land for 400 Kv D/c Panchkula Patiala Transmission Line of Power Grid Corporation of India Limited

File No. : FP/HR/Transmission /9754/2015

Date of Proposal: 22/05/2015

PART – II


(To be filled by the concerned Deputy Conservator of Forests)

7.	Location of the project / Scheme :	Diversion of 0.1978 Ha of Forest Land for 400 Kv D/c Panchkula Patiala Transmission Line of Power Grid Corporation of India Limited
(i)	State / Union Territory	Haryana State
(ii)	District	Panchkula
(iii)	Forest Division	Morni Pinjore Forest Division
(iv)	Area of forest land proposed for diversion (in ha.)	0.1978 Ha
(v)	Legal status of Forest	Protected Forest
(vi)	Density of vegetation (Cum)	0.2
(vii)	Species-wise (scientific names) and diameter class-wise enumeration of trees (to be enclosed. In case of irrigation / hydel projects enumeration at FRL, FRL-2 meter & FRL-4 meter also to be.)	Check List Sr No 15.
(viii)	Brief note on vulnerability of the area to erosion	No erosion
(ix)	Approximate distance of proposed site for diversion from boundary of forest.	The Proposed site for diversion with in Forest.
(x)	Whether forms part of National Park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed).	No
(xi)	Whether any rare/ endangered / unique species of flora and fauna found in the area – if so details thereof.	No
(xii)	Whether any protected archaeological / heritage site / defense establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	No
8.	Whether the requirement of forest land as proposed by the user agency in col. 2 of Part-I is unavoidable and barest minimum for the project. If no, recommended area item-wise with details of alternatives examined.	Yes
9.	Whether any work in violation of the Act has been carried out (Yes/No). If Yes, details of the same including period of work have done, action taken on erring officials. Whether work in violation is still in progress.	No

10.	Details of compensatory Afforestation Scheme	
(i)	Details of non forest area / degraded forest area identified for compensatory Afforestation, its distance from adjoining forest, number of patches, size of each path.	Attached Check List No 17
(ii)	Map showing non-forest / degraded forest area identified for compensatory Afforestation and adjoining forest boundaries.	Attached (Check List No. 17)
(iii)	Detailed compensatory Afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.	Attached (Check List No. 18)
(iv)	Total financial outlay for compensatory Afforestation scheme	Attached (Check List No. 18)
(v)	Certificates from competent authority regarding suitability of area identified for compensatory Afforestation and from management point of view. (To be signed by the concerned Deputy Conservator of Forests).	Attached (Check List No. 19)
11.	Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above.	Attached (Check List No. 16)
12.	Division / District profile :	
(i)	Geographical area of the district	81615 HA
(ii)	Forest area of the district	38208 HA
(iii)	Total forest area diverted since 1980 with number of cases	487.9292 Ha (upto July 7, 2015)
(iv)	Total compensatory Afforestation stipulated in the district/division since 1980 on. a) Forest land including penal compensatory Afforestation b) Non-Forest land	294.5944 Hectares ---
v)	Progress of compensatory Afforestation as on (date) a) forest land b) Non-forest land	101.317 Ha 50 Ha
13.	Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.	Recommended proposal is accepted.

Dated: -

Place: - Pinjore, Distt - Panchkula


Divisional Forest Officer
Momi Pinjore Forest Divn
PINJORE

Bhoj Tipra

30 41 27.3N 76 57 25.9E

Bhoj Balig

Bhoj Nagal

Parwala

Wedge Slope

Image © 2015 CNE
Image © 2015 Dig
Astrium
aGlobe

Batwal

Kaulawala Bho
Google

Imager Date: 4/23/2014

30°41'44.19" N 77°03'00.85" E elev 2722 ft eye alt

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INJOIRE

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CHECK LIST SERIAL NUMBER: - 18

“SCHEME FOR COMPENSATORY AFFORESTATION”

Detail scheme for Compensatory Afforestation in lieu of **Diversion of 0.1978 Ha of Forest Land for 400 Kv D/c Panchkula Patiala Transmission Line of Power Grid Corporation of India Limited**

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

District: -Panchkula

Forest Division: -Morni Pinjore Territorial Division Pinjore

Block/Compt/Survey No.:- C 101

Area to be Afforested:- 0.1978 Ha x2 = 0.3956

GPS Reading : 30°41'27.3"N 76°57'25.9"E

Tehsil: Panchkula

Range: Panchkula –Raipur Rani

2. Description of the Area:-

- Whether the site selected for Compensatory Afforestation is a land bank (Yes or No):- **the site selected for Compensatory Afforestation is not a land bank.**
- If the CA site is other than the land bank, reasons are given:-**There is no land bank in District Panchkula. Plantation will be carried out.**
- In case of Non-Forest area identified for CA, then what is the distance of CA site from adjoining forest boundary: - **With in Forest**
- d) Soil type: - **Arid brown soil with texture varies from sandy loam to clay.**
 - Topography:-

a. Hilly/Undulating/Plain	Undulating
b. Slope: - Steep/Medium/Gentle	Gentle
 - f) 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 is as under:

4. Schedule of Plantation Programme:-

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

The Plantation is calculated for **Tall Plants** norms at 4m X 4m spacing and it is approved by the PCCF, Haryana's letter No. Misc-45/4495-4556 dated 25-03-2014 and at the wages rate of Rs.213.35/- per day as under:-

Sr. No.	Year	Cost norm per plant
1	1 st Year Plantation	139/-
2	2 nd Year Maintenance	48/-
3	3 rd Year Maintenance	21/-
4	4 th Year Maintenance	15/-
5	5 th Year Maintenance	15/-
6	6 th Year Maintenance	12/-
7	7 th Year Maintenance	12/-
8	8 th Year Maintenance	12/-
9	9 th Year Maintenance	12/-
10	10 th Year Maintenance	12/-
	Total Cost.	298/-


Area to be diverted (In Ha) :	0.1978		
Area to be planted (one Two, Ten time) (Ina Ha) :-	0.3956		
No of trees to be felled :-	0	1000 Plants per Ha	
No of plants to be damaged :-	0.1978	x 2.00 =	0.3956
No of Plnats to be planted @1000 Plants Per Ha			395.6
		Or Say	396
		Minimum Plants	396

Sr.No.	Description	No of Plants	Rate	Total Amount (Rs-P)
A	Net present value of forest land to be diverted	0.1978	Rs 8.87 Lacs Per Ha (Below than 2 Ha)	175448.60
	Compensatory Afforestation Charges			
	1) 1st Year cost of afforestation	396	Rs 139/- Per Plant	55044
	2) 2nd Year Maintenance	396	Rs 48/- Per Plants	19008
	3) 3rd Year Maintenance	396	Rs 21/- Per Plants	8316
	4) 4th Year Maintenance	396	Rs 15/- Per Plants	5940
	5) 5th Year Maintenance	396	Rs 15/- Per Plants	5940
	6) 6th Year Maintenance	396	Rs 12/- Per Plants	4752
	7) 7th Year Maintenance	396	Rs 12/- Per Plants	4752
	8) 8th Year Maintenance	396	Rs 12/- Per Plants	4752
	9) 9th Year Maintenance	396	Rs 12/- Per Plants	4752
	10) 10th Year Maintenance	396	Rs 12/- Per Plants	4752
	11) Barbed wire fencing charges	1.58	Rs 65000/- Per RKM	102960.00
		RKM		
	Total Charges (B Above)			220968.00
C	Supervisory / Overhead / Misc Charges		10% on CA Total	22096.80
	Total C.A. Charges (B+C)			243064.80
D	Felling Charges for Tree = 31 No(33.33)		Rs 720/- Per M3	23997.6
E	Plantation damage charges for Plant= 11 U/S		Rs 200/- Per Plant	2200
F	Any Other charges (If necessary)			0
Grand Total (A+B+C+D+E+F) to be deposited in CAMPA Fund				444711.00
				Or Say
				444711
Rs. Four lac forty four thousand seven hundred & elean only				
2 Technical Details:				

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Detail : Plantation will be done with 2 strand barbed wire in reserved / Protected forest
- Spacement : 4x4 Meter
- Species :- Beri, Khair, Bans etc
- Plantation Method: Tall Plantation
- Soil and Moisture Conservator Works : Nil
- Protection (Fencing, Watch man, People Participation etc) : Fencing
- Proposed Monitoring Mechanism (M&E)
- Any other information : Nil

Note: CF(T) should countersign this CA Scheme if area to be afforested is more than 5 hectare.


 Divisional Forest Officer
 Semi Pinjore Forest Divn
 PINJORE

