

Full Title of the Project: Diversion of 0.4455 ha. of forest land for construction of 132 kv D/C Transmission line from 132 kv/D/C Sub station Lula Ahir to Buroli Sub Station and 2nd Buroli to Pali Gothra Sub station through various forest strip under forest division and District, Rewari.

File No. FP/HR/TRANS/144364/2021

Date of Proposal: 10-09-2021

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Details Note:-

A Proposal has been received by this office from Executive Engineer Transmission System HVPNL, Rewari dt. 10-09-2021 diversion (under FCA-1980) of **0.4455 ha.** of forest land for non-forestry purpose. The project envisages the use of forest land for construction of 132 kv D/C Transmission line from 132 kv/D/C Sub station Lula Ahir to Buroli Sub station and 2nd Buroli to Pali Gothra Sub station through various forest strip under forest division and District Rewari. Site inspection of the land involved in the proposal has been done by me on dt. 24-11-2021.


Divisional Forest Officer,
Rewari Forest Divn.
Rewari

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STATEMENT SHOWING DETAILS OF FOREST AREA PROPOSED FOR DIVERSION

Sr. No.	District	Division	Range/ Tehsil/ Village	Khasra /Survey of Compartment Number of Km. Stone	Forest Area proposed for Diversion (Ha)	Legal status of Forest Area	Remarks
1	2	3	4	5	6	7	8
1	Rewari	Rewari	Rewari/Nahar	For construction of 132 KV D/C Transmission line from 132 KV D/C Sub Station Lula Ahir to Buroli Sub Station and 2nd Buroli to Pali Gothra Sub station through various forest strip under forest division and District, Rewari.	0.4455 ha.	Protected Forest	
			Rewari				
			Lula Ahir to Buroli Sub station and 2nd Buroli to Pali Gothra Sub station				

Place

Date


Divisional Forest Officer
Rewari Forest Divn.
Office Seal **Rewari**

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SITE INSPECTION REPORT NOT BELOW THE RANK OF DCF

(For the Forest land to be diverted under FCA)

- 1 A Proposal has been received by this office from Executive Engineer Transmission System HVPNL, Rewari dt. 10-09-2021 diversion (under FCA-1980) of **0.4455 ha.** of forest land for non-forestry purpose. The project envisages the use of forest land for construction of 132 kv D/C Transmission line from 132 kv/D/C Sub station Lula Ahir to Buroli Sub station and 2nd Buroli to Pali Gothra Sub station through various forest strip under forest division and District Rewari. Site inspection of the land involved in the proposal has been done by me on dt. 24-11-2021.
- 2 On inspection of the site, it is found that the land required by the user agency is a protected forest measuring **0.4455 ha.**
- 3 The requirement of forest land as proposed by the user agency in Col. 2 Part -I is unavoidable and is barest minimum required for the project.
- 4 Whether any rare/endangered/unique species of flora and fauna found in the area, if so the details thereof - None.
- 5 Whether any protected archeological/heritage site/defence establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required. Permission obtain from competent authority. N.A
- 6 **(a) The user agency has not violated the provisions of Forest (Conservation) Act, 1980 and no work has been started without proper sanction.**
(b) It has been found that the user agency has violated the Indian Forest Act, 1927 against user agency.
A detailed report as per para 1.9 of Chapter I, C of Handbook of Forest (Conservation) Act, 1980 is attached.

(Signature)

Place
Date.....

Name 
Designation **Divisional Forest Officer**
Office Seal **Rewari Forest Divn.**
Rewari

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LOCATION MAP

Location Map of Non-Forest/Degraded Forest Area identified for Compensatory Afforestation in lieu of proposal for diversion **0.4455 Ha.** of Forest land for construction of 132 kv D/C Transmission line from 132 kv/D/C Sub station Lula Ahir to Buroli Sub station and 2nd Buroli to Pali Gothra Sub station through various forest strip under forest division and District Rewari.

Village. **Bhotwas Ahir** Tehsil **Rewari** District **Rewari** Forest Division **Rewari** Forest Range.

Rewari Block No. /Compartment No./Survey No.: **Jadra Disty. Km 6-8, B/Side. (1422 Plants).**

Jadra Disty Km 6-8 B/Side

Area to be taken for Compensatory Afforestation.


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"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the forest/reach to be diverted for construction of 132 KV D/C Transmission line from 132 KV D/C Sub station Lula Ahir to Buroli Sub station and 2nd Buroli to Pali Gothra Sub station through various forest strip under forest division and District Rewari.

Forest Area = **0.4455 ha.**

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

Division : Rewari District: Rewari Range: Rewari Tehsil : Rewari
Village: Bhotwas Ahir CA Site Name : Jadra Disty. Km 6-8 B/Side (1422Plants)
GPS: 28°13'07.79" N 76°31'39.82"E 28°13'07.68" N 76°31'39.74"E
28°12'31.00" N 76°32'37.37"E 28°12'30.92" N 76°32'37.32"E

Description of Area:-

- i- Whether the site selected for Compensatory Afforestation is a land bank or
Not No
- ii. If the CA site is other than the land bank, reasons be given :- Plantation will be carried out in Jadra Disty. Km 6-8 B/Side.
- iii. In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:- CA will be carried out in Jadra Disty. Km 6-8 B/Side.
- iv. Soil type :- Sandy Loam
- v. Topography :-
 - A. Hilly/ Undulating/Plain
 - B. Slope:- Steep/Medium/Gentle

Whether the area is bearing any root stock of vegetation :- No

2- Plantation Model :-

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

Strip Plantation of Tall Plants.

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3 Schedule of Plantation Programme:-

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

The Plantation cost is calculated for **Plantation as per Tall Plants**, at 4m X 4m spacing and it is approved by the PCCF Haryana Panchkula at the wage rate of Rs. 377.04/- per day as under:-

Sr.No	Year	Rate Per Plant
1	Ist Year Plantation	414.28/- Per Plant
2	IIInd Year Plantation	133.07/- Per Plant
3	IIIrd Year Plantation	48.32/- Per Plant
4	IVth Year Plantation	17.96/- Per Plant
5	Vth Year Plantation	17.96/- Per Plant
6	VIth Year Plantation	17.96/- Per Plant
7	VIIth Year Plantation	17.96/- Per Plant
8	VIIIth Year Plantation	17.96/- Per Plant
9	IXth Year Plantation	17.96/- Per Plant
10	Xth Year Plantation	17.96/- Per Plant
	Total	Rs. 721.39/-

Area to be diverted = 0.4455 ha.

Area to be planted (two time diverted area) = 0.891

No. of tree to be felled= = 115

No. of plants to be damaged= = 136

No. of plants to be planted = 1422

The cost norms @ wage rate of Rs. 377.04 /- will be as under:-

Sr.No	DESCRIPTION	Rate Per Plant	Amount
A.	Net present Value of forest land to be diverted	8.87 lac/ha.	395158.5
B	Compensatory afforestation charges	No. of Plants	
	1 Ist Year cost of afforestation	1150	414.28/- Per Plant
	2 IIInd year maintenance	1150	133.07/- Per Plant
	3 IIIrd year maintenance	1150	48.32/- Per Plant
	4 IVth year maintenance	1150	17.96/- Per Plant
			20654

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	5 Vth year maintenance	1150	17.96/- Per Plant	20654
	6 VIth Year maintenance	1150	17.96/- Per Plant	20654
	7 VIIth Year maintenance	1150	17.96/- Per Plant	20654
	8 VIIIth Year Plantation	1150	17.96/- Per Plant	20654
	9 IXth Year Plantation	1150	17.96/- Per Plant	20654
	10 Xth Year Plantation	1150	17.96/- Per Plant	20654
				829598.5
	Barbed wire fencing charge	4.6 RKM	Rs. 200000/- per RKM	920000
	Supervisory/ overhead/misc. charges	10% on the total CA Charges		82959.85
	Total CA charges to be deposit in CAMPA Funds			1832558.35
C	Additional Compensatory afforestation charges			
	1 Ist Year cost of afforestation	272	414.28/- Per Plant	112684.16
	2 IInd year maintenance	272	133.07/- Per Plant	36195.04
	3 IIIrd year maintenance	272	48.32/- Per Plant	13143.04
	4 IVth year maintenance	272	17.96/- Per Plant	4885.12
	5 Vth year maintenance	272	17.96/- Per Plant	4885.12
	6 VIth Year maintenance	272	17.96/- Per Plant	4885.12
	7 VIIth Year maintenance	272	17.96/- Per Plant	4885.12
	8 VIIIth Year Plantation	272	17.96/- Per Plant	4885.12
	9 IXth Year Plantation	272	17.96/- Per Plant	4885.12
	10 Xth Year Plantation	272	17.96/- Per Plant	4885.12
				196218.08
	Barbed wire fencng charge	1.088 RKM	Rs. 200000/- per RKM	217600
	Total Additional CA Charges			413818.08
D	Felling charges volume per m3	80.67	Rs. 1200/- per cum	96804
E	plantation damage charges	0	Rs. 600/- per plants	0

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F	Exigency charges 30% of the total CA Charges		549767.505
	G. Total (A+B+C+D+E+F+G)		3288106.435 or say 3288107

Technical details: -

Technical details of Compensatory Afforestation Scheme are as follows: -

- General Details:** - Compensatory afforestation will be carried out along with Jadra Disty km 6-8 B/Side in Rewari District. Plantation will be done with three standard barbed wire.
- Spacement:** - 4 x 4m
- Species:-** Neem, bakain, Pahari Papri, Cassia fistula, Cordia myxa, zyzypths, mauritiana, Albizia lebbeck, Albizia procera, Bauhina recemosa, Ficus glomerata, Ficus religiosa, Kigelia pinnata, Moringa oleifera, Syzgium cumini, Tamarindus indica, Tamarix articulate, . Terminalia belarica, Jungle Jalebi, Morus Alba etc.
- Plantation Method:** Tall Plantation.
- Soil and Moisture Conservation works:-** Watering Hoeing and weeding , mulching
- Protection (Fencing, Watch man, People's Participation etc.):**- Fencing.
- Proposed Monitorng Mechanism:-** Inspection by Officers.
- Any other information :-** NIL


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DETAILED REPORT ON VIOLATION OF PROVISIONS OF FOREST ACTS

- a) The extent (in hectare) of forest land broken/encroached and the number of trees illicitly felled: NO
- b) The name & designations of the officials/persons who are prima-facie responsible for the contravention of the provisions of the Act, supported by requisite documents: NO
- c) In case, it is not possible to fix the responsibility for commission/omission of any action leading to violation of the provisions of the Act, full explanation with relevant supporting documents to be appended: NO
- d) Details of action taken by the DFO against illicit felling/encroachment/illegal mining, etc., under the provisions of IFA 1927/PLPA-1900/ other State Forest Acts, etc.: NO

Place:.....

Dated:.....

Divisional Forest Officer
Rewari Forest Diyn.
Forest Division
Rewari
Office Seal.....

Counter signed by:-

Conservator of Forests

Office Seal_____

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"LAND SUITABILITY CERTIFICATE BY DFO CONCERNED"

This is certify that 1422 Plants land bearing Survey No. /Compartment No Jadra Disty km 6-8, B/Side in District Rewari identified for Compensatory Afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Place

Date


Divisional Forest Officer
(Divisional Forest Officer)
Rewari Forest Divn.
..... Rewari Forest Division
Office Seal.....