

PART-II

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

State Serial No. of proposal : JH-03/2020

1. Location of the project/Scheme : Jharkhand

(i) **State / Union Territory : Jharkhand**

(ii) **District : Hazaribag**

(iii) **Forest Division : Hazaribagh West**

(iv) **Area of forest land proposed for diversion (in ha.) : 7.608**

(v) **Legal status of forest land proposed for diversion :**

S. No.	Division	Forest Land(ha.)	Legal Status
1	Hazaribagh West	4.91	Protected Forest
2	Hazaribagh West	2.698	jungle-jhari land
	Total	7.608	

(vi) **Density of vegetation**

S. No.	Area(in ha.)	Density	Eco-Class
1	7.608	0.7	Eco 3
Total.	7.608		

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 enclosed):**

S. No.	Scientific Name	Local Name	(0-30)cm.	(31-60)cm.	(61-90)cm.	(91-120)cm.	(121-150)cm.	(>150)cm.
1	Madhuca indica	Mahua	1	10	12	3	4	26
2	Others	Khajur	0	0	3	6	1	0
3	Pongamia Pinnata	Harkaraunj	0	0	1	1	0	1
4	Aegle Marmelos	Bel	1	0	0	0	0	0
5	Butea Monosperma	Palash	1	0	0	2	0	0
6	Eucalyptus	Eucalyptus	2	0	2	7	5	8
7	Shorea Robusta	Sakhua	0	0	24	13	0	1
8	Syzygium Cumini	Jamun	0	0	0	0	0	1

	Azadirachta Indica	Neem	0	0	1	0	0	0
10	Lagerstroemia Parviflora	Seedha	0	0	0	0	0	1
11	Others	Chirchiri	0	2	0	0	2	0
12	Others	Dhauta	0	0	0	0	0	1
13	Others	Taar	0	0	0	0	1	0
14	Others	Karaunj	0	1	0	1	0	0
Total			5	13	43	33	13	39
Sub Total (No of Trees.)			146					

viii) **Brief note on vulnerability of the forest area to erosion :** Proposed Forest Area is vulnerable to soil erosion, gully erosion and in some part Ravines are also present inside the forest area proposed for the diversion.

ix) **Approximate distance of the proposed site for diversion from boundary of forest :** 0

x) **Whether forms part of national park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, wildlife migration corridor etc. (If so, the detail 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/defence 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 bare 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 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 patch.**

Patch Wise Details						
S.no	Patch No.	Area(ha.)	Name of PF/RF	Range	Compartment No	KML file of patch
1	1	16	Lara	Barhi	78, 82, 92	Uploaded

- ii) Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.: Uploaded.
- iii) Detailed compensatory afforestation scheme including species to be planted. Implementing agency, time schedule, cost structure, etc.: Uploaded
- iv) Total Financial Outlay for Compensatory afforestation scheme : 29.70688 (in lacs)
- 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).: Uploaded.

11. Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above.

A total of 7.608 Ha. Protected Forest is proposed for diversion in Hazaribagh West Forest Division consisting of village Padma, Lati, Saraiya and Nachanve in Hazaribagh Barhi Range. The inspection was done on 15.02.2020 along with JBVNL officials. The forest land in Padma, Saraiya and Nachanve is Protected Forest Land. The patch of Forest in Saraiya PF is very dense and the density is 0.8, but in other two PFs i.e. Nachanve it is moderate and in Padma and Lati it is sparse hence the average density is 0.7 In Saraiya PF, the predominant species is Sakhua, but other associates like Mahua, Eucalyptus, Palash, Chirchiri, Jamun, Neem, Seedha, etc were also present. The soil in all the three PFs is highly vulnerable to erosion. The Elephant presence has been noticed in the aforesaid PFs as they have been criss-crossing the mentioned PFs for last 4 years. Hence, all necessary precautions have to be taken to prevent electrocution or any physical injury to the wildlife.

12. Division/District Profile :

- i) Geographical area of the district (in ha.) : 599800
- ii) Forest area of the district (in ha.) : 137983.7
- iii) Total forest area diverted since 1980 (in ha.) : 3794.237
- No. of Approved Cases : 25
- iv) Total compensatory afforestation stipulated in the district/division since 1980 on
 - (a) Forest Land including penal C.A. (in ha.) : 6482.393
 - (b) non-forest land : 0
- Progress of compensatory afforestation as
- v) on(date) : 31/03/2020
- (a) A) Forest land (in ha.) : 5312.79
- (b) B) Non-forest land (in ha.) : 0

13. Specific recommendation of the DCF for acceptance or otherwise of the proposal with reason :

The proposed site for construction of Transmission Line was inspected on 15 February, 2020 measuring an area of 7.608 Ha. in mauza Padma, Lati, Saraiya and Nachanve is Protected Forest. The patch of forest in Padma Protected forest is predominant with Sal and other associates like Sakhua, Mahua, Eucalyptus, Palash, Chirchiri, Jamun, Neem, Seedha, etc. The forest in Saraiya is dense and forests in Padma and Lati are open whereas Nachanve is moderate. Hence the average density may be taken at

0.7. However, in the three aforesaid PFs the Elephant have been crisscrossing last 4 years. Hence it is recommended that no naked electric lines may be used, the transmission line should be insulated and the height of the transmission line from ground surface should be 10.5 meters. And other precautionary measures should be taken. The forest is all the PFs are highly vulnerable to soil erosion. Moreover, in Saraiya and Nachanve plenty of Mahua trees are present and since the local people depend on Mahua trees as alternate food source care should be taken not to remove these trees and if need be either insulated wire or the naked wire well above the tree height may be installed at these particular patches. Since the present alignment involves least forest area and also that it would provide energy requirements to the people in the area, the proposal may be recommended.



Signature: -

R. N. MISHRA
I.F.S.

Name: -

Divisional Forest Officer
West Division, Hazaribag

Date: - 23/9/2021

Official Seal: -

Place: - 6019121