

FORM – A

PART – I

1. PROJECT DETAILS

(i) Short narrative of proposals & project for which forest land is required

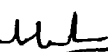
Power Grid Corporation of India Ltd. (A Govt. of India Enterprise) is primarily entrusted for the construction and successful operation of EHV Transmission lines with a mission to form a national Grid to facilitate effective transfer of power within and across the regions of the country. The scheme is for construction of **220kV D/C Govindpur- Dumka** Transmission line. The proposed Transmission line shall connect the newly constructed 220/132/33kV Govindpur sub-station of district of Dhanbad, with 220/132 kV sub-station at Dumka (newly constructed near Maharo village.)in Dumka district of Jharkhand state.

The line traverses through Dhanbad, Jamtara, Deoghar and Dumka district of Jharkhand. The line shall be utilized for transfer the power from **Tenughat Thermal power Station (TTPS)** through 220/132/33kV Govindpur sub-station and TTPS-Govindpur link. The line shall also be an important link of the National Grid. This line is very much vital in view of strengthening of transmission system in the state of Jharkhand. Therefore, the power transmitted through this line will boost the industrial and agricultural growth of Jharkhand and nearby States. In this way this will lead to accelerate the development of economy of the state of Jharkhand as well as our country as a whole. Some portion of the line passing through Notified Forest and Jungle Jhari (JJ) of Dhanbad, Jamtara, Deoghar and Dumka Forest division where a corridor of 35m shall be utilized for construction of the said line, as well as maintaining statutory electrical clearance for safe operation.

During selection of route alignment for laying of transmission line, necessary survey has been carried out to avoid forest land. The proposed transmission line is passing through **Dhanbad, Jamtara, Deoghar and Dumka Forest Divisions** with total length of **101.53 KM**.

For erection of 220 KV D/C Transmission line with the span of **17.5 mtr** on either side of the center line, total area of land involvement is **355.36 Ha**. Out of this total area, the area **2.216 Hectare** is coming under Notified forest land, **14.0475 Hectare** is coming under Jungle Jhari land and rest of the land is coming under non – forest /raity / others.

SL. NO	NAME OF FOREST DIVISION	LENGTH (KM)	AREA (Ha)	NOTIFIED FOREST (Ha)	JUNGLE JHARI (Ha)	GM LAND (Ha)	RAITY (Ha)
1	DHANBAD	22.57	79.00	0.3889	NIL	4.0896	74.52
2	JAMTARA	25.26	88.41	NIL	6.2169	9.66	72.54
3	DEOGHAR	17.83	62.41	NIL	5.5529	11.15294	45.6988
4	DUMKA	35.87	125.55	1.8271	2.2777	13.3234	108.1167
TOTAL=		101.53	355.36	2.2160	14.0475	38.22	300.87

B.V. 

	<p>The proposal is submitted for Sl. No. 1 & 2.</p> <p>The villages in which forest area is proposed to be diverted are annexed as Annexure – I&II for forest land and Jungle – Jhari land.</p> <p>Due care and precaution has been taken to eliminate forest and the possibilities of the other alternatives were also explored. This is the minimum required forest area for diversion.</p> <p>All the forest land coming in the alignment which is given in the table-I annexed as Annexure-I, are notified and demarked forest. Rest in table II of Annexure-I belongs to Jungle – Jhari.</p>
(ii) Maps showing the required forest land, boundary of adjoining forest land on a 1:50000 scale map	<p>(a) Toposheet map in scale of 1: 50000 is annexed as Annexure-XIII. The Final Route alignment has been shown in RED colour on the maps, the alternative route R2 is marked in GREEN and R3 in BLUE.</p> <p>(b) The cadastal maps of the concerned Notified Forest and Jungle Jhari land has been annexed as Annexure –X showing Notified forest land in GREEN and Jungle Jhari land in YELLOW colour.</p>
(iii) Cost of Project	The estimated cost of the project is Rs. 123 Crore.
(iv) Justification of locating the project in forest area	<p>All possible alternatives have been explored to reduce the requirement of forest land. While finalizing the route of the line, best attempts have been made to avoid Reserved Forests and Protected Forests coming on the way keeping in view the techno-economical requirements.</p> <p>The proposed line is passing through 2.216 hectare of Notified forest land and 14.0475 hectare of jungle jhari land under Dhanbad, Jamtara, Deoghar and Dumka Forest Division. The said forest cannot be avoided because of hill, dense habitation, and villages on either side of the proposed route. The above forest land is minimum requirement for the construction of the proposed line.</p>
(v) Cost Benefit Analysis	Enclosed as Annexure – IV
(vi) Employment likely to be generated	For construction of the transmission line there will be huge employment potential. Around 300 people will be engaged continuously for 15 –25 months during construction of the line. Also employment opportunities will be opened on the beneficiary Agricultural and Industrial sector. In course of construction local contractor will be benefited to a large extent.

2. Purpose wise break up of the total land required

SL. NO.	NAME OF FOREST DIVISION	TOTAL FOREST LAND IN (Ha)	CONSTRUCTION OF TOWERS		LAYING OF 220 KV D/C GOVINDPUR-DUMKA T/L
			NOS.	AREA (Ha)	
1	DHANBAD	0.3889	NIL	NIL	0.3889
2	JAMTARA	6.2169	5	0.6125	5.6044
3	DEOGHAR	5.5529	6	0.735	4.8179
4	DUMKA	4.1048	3	0.3675	3.7373
TOTAL		16.2635	14	1.715	14.5485

B.V. Subb

3. Details of Displacement of people due to this project, if any

No

4. Number of family

(i) Number of Scheduled Caste / Scheduled Tribe family	Nil
(ii) Rehabilitation Plan (to be enclosed)	N/A
(iii) Whether clearance under Environment (Protection) Act, 1986 required	Not required.

5. Undertaking to bear the cost of raising and maintenance of compensatory afforestation and / or penal compensatory afforestation as well as cost for protection and regeneration of Safety Zones etc. as per the scheme prepared by the State Government. (Undertaking to be enclosed)

	Undertaking furnished by the competent authority enclosed as Annexure - II
--	--

6. Details of certificates / documents enclosed as required under the instructions:

(i)	Schedule of land annexed as Annex: I
(ii)	Undertaking regarding compensatory afforestation scheme by the competent authority annexed as Annexure - II
(iii)	Undertaking regarding payment of NPV as Annexure- III
(iv)	Cost benefit analysis annexed as Annexure - IV
(v)	Project Approval from Ministry of Power, GOI as Annexure- V
(vi)	GOI Notification regarding Environment clearance annexed as Annexure - VI
(vii)	Lay out elevation & plan annexed as Annexure - VII
(viii)	Jungle Jhari plots certification concerned Circle Office as Annexure - VIII
(ix)	NOC from DC for JJ land & GM land as Annexure - IX
(x)	FRA certificate with gram shava as Annexure -X
(xi)	Enumeration list of Forest Trees as Annexure -XI
(xii)	The Geo-reference (cadastral) maps of the concerned Notified Forest and Jungle Jhari land has been annexed as Annexure -XII, showing forest land and Jungle Jhari land.
(xiii)	1 : 50,000 scale SOI maps No.73 I/5, 73 I/9, 72 L/12, 72 L/16, 72 P/4, 72 P/3, 72 P/7 showing the route Alignment with alternatives of proposed power line annexed as Annexure - XIII.

Signature:

B. V. Subbarao

Name in block letters : B. V. Subbarao

Designation : Asst. General Manager

Address of Agency : Power Grid Corporation of India Ltd.
360/A, Mamta Bhawan, Ashok Nagar
Road No. 4B, Ranchi.