

JUSTIFICATION FOR LOCATING THE PROJECT IN (FOREST)AREA

JUSNL (Jharkhand Urja Sanchal Limited) is primarily entrusted for the construction of and successful operation of high voltage Transmission lines with a mission to form a Grid network to facilitate effective transfer of power within the state. The scheme is for construction of 132 KV D/C Hansdiha to Jasdihi Transmission Line. The proposed Transmission Line connects the existing 132/133 KV Jasdihi GSS at village Ratandih to proposed 132/133 KV substation, Hansdiha at village Gangta of Dumka District. The Transmission Line traverses through Saraiyaha, Deoghar and Mohanpur Block of Dumka and Deoghar District. The Line is very much vital in view of strengthening of transmission system in the district of Dumka and Deoghar. Therefore the power transmission through this line will boost the commercial, Domestic and Agricultural growth of the project district Palam and its adjacent areas. The proposed Transmission line alignment for "Construction of 132 KV D/C Hansdiha to Jasdihi Transmission Line Jharkhand" has been examined for Social, Technical and Economical consideration and possible efforts were made to avoid the Forest land by JUSNL but the proposed route of transmission line is not possible without involvement of Forest land. Transmission line Survey has been done by JUSNL and found that there is no alternative route to lay the transmission line. Further the Transmission line passes through bare minimum Forest involvement comparing with other possible routes examined. Alternative route also uploaded in the said proposal for information. It is further stated that the area of Forest land involved for Proposed Transmission line for "Construction of 132 Kv D/C Hansdiha to Jasdihi Transmission Line Jharkhand" is technically correct with

respect to design of Transmission Line. Further it is also involving bare minimum Forest land and approved by JUSNL (Govt. of Jharkhand).

Map showing the required forest land, boundary of adjoining forest land on a 1:50,000 scale map	Survey of India Topo sheet (G45U10, G45U14, G45V2) map in scale of 1:50,000 the final route alignment has been shown in Blue colour, on the maps the alternative Route – R1 is marked in Magenta colour , on the map the alternative Route – R2 is marked in Red and final route in Blue colour The cadastral map of the concerned Notified Forest land has been showing forest land in Green colour and Jungle Jhari Land showing in Yellow Colour.
Cost of Project	The estimated cost of the project is Rs. 192221760.83 Crore
Justification of locating the project in forest area	All possible alternatives have been explored to reduce the requirement of forest land. While finalizing the route of the line best attempts have been make to avoid Reserved Forest and protected forests coming on the way keeping in the
	techno-economical requirements. The proposed line is passing through 9.9677 Ha. of forest under Deoghar and Dumka Forest Division. The said forest cannot be avoided because of 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.
Cost Benefit Analysis	Enclosed as Annexure: - IV

Employment Likely to be generated	For construction of the transmission line there will be huge around 185 people will be engaged continuously for 18 months during construction the line Also employment opportunities will be opened on the beneficiary agricultural and commercial sector. In course of construction local contractor will be benefited to a large extent. (total man days =240days/yr. (240X185X1.5) =66600)
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Purpose wise breakup of the total land required: -

SL.No.	Name of Forest division	Total Forest Land (Ha.)	Construction of Towers Area		Laying Area of 132 Kv D/C Hansdiha Jasidih Transmission Line Jharkhand
			Nos.	Area (Ha.)	
1	Deoghar and Dumka	14.0385	20	0.1195	13.9190
Total		14.0385	20	0.1195	13.9190

Details of Displacement of people due to this project, if any - No

Number of family

(i)Number of Scheduled cast / Scheduled Tribe family	Nil
(ii)Rehabilitation plan (to be enclosed)	N/A
(iii)whether clearance under Environment (Protection)Act. 1986 required	Not required.
(i)Number of Scheduled cast / Scheduled Tribe family	Nil
(ii)Rehabilitation plan (to be enclosed)	N/A

(iii)whether clearance under Environment (Protection)Act. 1986 required	Not required.
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Undertaking to bear the cost of raising and maintenance of compensatory a forestation and / or penal compensatory a forestation as well as cost for protection Government. (Undertaking to be enclosed)

Undertaking furnished by the competent authority enclosed as annexure: - II

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

(i)Schedule of land.

(ii)Undertaking regarding compensatory afforestation scheme by the competent authority.

(iii)Undertaking regarding payment of NPV.

(iv)Cost benefit analysis.

(v)MOU (in between Jharkhand State Govt. and JUSNL).

(vi)GOI Notification regarding Environment clearance.

(vii)Layout Elevation & plan.

(viii)FRA Certificate with Gram Sabha.

(ix)The Geo-reference cadastral maps of the concerned notified forest land.

(x)1:50000 scale SOI map No.- G45U10, G45U14 AND G45V2 showing the route alignment with alternatives of proposed power line.

(xi)Route alignment on Mouza Map (Forest Land).

Date: 19/09/2025

Signature

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Name in Block Letter: Gaurav Kumar Singh

Designation: Senior Manager

Transmission Division, Dumka