

## **JUSTIFICATION FOR LOCATING THE PROJECT IN JUNGLE JHARI (FOREST)AREA**

Proposed Transmission line Alignment for “Construction of 220 KV Transmission Line from Dumka (New Madanpur 220KV GSS) to Jasidih (Kumetha 220 KV GSS) Jharkhand” Has been examined for Social, Technical and Economical consideration and possible efforts were made to avoid the Jungle Jhari (Forest)land by JUSNL but the proposed route of transmission line is not possible without involvement of Jungle Jhari (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 Jungle Jhari (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 Jungle Jhari (Forest)land involved for Proposed Transmission line for “Construction of 220 KV Transmission Dumka (New Madanpur 220KV GSS) to Jasidih (Kumetha 220 KV GSS) Jharkhand is technically correct with respect to design of Transmission Line. Further it is also involving bare minimum Jungle Jhari (Forest)land and approved by JUSNL (Govt. of Jharkhand).

  
Electrical Executive Engineer  
Transmission Division, Dumka

Details of Deoghar District Jungle Jhari Land				
Sl. No.	Village	Plot No.	Area (Acre)	Remarks
1	Silwe	237	2.953	Jungle Jhari
2	Raktrhna	45	1.027	Sakhu Jungle
3	Raktrhna	39	0.205	Sakhu Jungle
4	Raktrhna	456	1.077	Sakhu Jungle
5	Raktrhna	473	0.895	Sakhu Jungle
6	Raktrhna	489	1.267	Sakhu Jungle
7	Raktrhna	697 & 698	3.341	Sakhu Jungle
Total			10.765	

Map showing the required forest land, boundary of adjoining forest land on a 1:50,000 scale map	<p>Survey of India Topo sheet map in scale of 1:50,000 the final route alignment has been shown in Red colour on the maps the alternative Route – R1 is marked in Magenta colour , on the map the alternative Route – R2 is marked in Green and final route in Blue colour</p> <p>The cadastral map of the concerned Notified forest land has been showing forest land in Green colour.</p>
Cost of Project	The estimated cost of the project is Rs. 489900333.00 Cr.
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 made to avoid Reserved forest and protected forests coming on the way keeping in the

	<p>techno-economical requirements.</p> <p>The proposed line is passing through 4.3565 Ha. Of forest under Deoghar 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.</p>
Cost Benefit Analysis	Enclosed as Annexure:- IV
Employment Likely to be generated	<p>For construction of the transmission line there will be huge around 260 people will be engaged continuously for 18 month 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.(240X260X1.5)=93600)</p>

  
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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 220 KV Transmission Dumka (New Madanpur 220KV GSS) to Jasidih (Kumetha 220 KV GSS)
			Nos.	Area(Ha.)	
1	Deoghar	4.3565	03	0.045	4.3115
2	Dumka	Nil	Nil	Nil	Nil
Total		4.3565	03	0.045	4.3115

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.

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

  
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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 and jungle jhari land.
(x)1:50000 scale SOI map No.-G45V3, G45V7, G45U10, G45U11, G45U14, G45U15 showing the route alignment with alternatives of proposed power line.
(xi)Route alignment on Mouza Map (Forest Land JJ Land ).

Signature :



Name In Block Letters :

CORNELIUS MARANDI

Designation :

Electrical Executive Engineer

Electrical Division Dumka

Address :

Jharkhand Urja Sancharan Nigam Limited

Transmission Division, Deoghar (Jharkhand)