

## JUSTIFICATION FOR LOCATING THE PROJECT IN (FOREST)AREA

Proposed Transmission line Alignment for “Construction of 132 Kv D/C Kolebira-Kamdara 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 Kolebira-Kamdara 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).

<b>132 KV D/C KOLEBIRA - KAMDARA TRANSMISSION LINE FOREST LAND SCHEDULE, DISTRICT - SIMDEGA</b>					
<b>SL. NO</b>	<b>Village Name</b>	<b>Plot NO</b>	<b>Khata No</b>	<b>PF Area(Ha.)</b>	<b>JJ Area(Ha.)</b>
1	NAWA TOLI	586	129		0.286100
2	BHANWARPAHAR	1819	168		0.480058
3	BHANWARPAHAR	1007	168		0.070000
4	BHANWARPAHAR	986	168		0.127000
5	BHANWARPAHAR	665	187		0.574000
6	BHANWARPAHAR	658	187		0.207000
7	BHANWARPAHAR	642	187		0.162000
8	KOLEBIRA	591	164		0.753932
9	LARBA	1054	107	0.321898	
10	LARBA	1273	107		0.170571
11	JURKELA	1512	100		0.123467
12	JURKELA	1513	124		0.047890
13	AGHARMA	2486	195	0.125232	
14	AGHARMA	2354	195	0.418859	
<b>TOTAL</b>				<b>0.865989</b>	<b>3.002018</b>
<b>TOTAL FOREST AREA JJ+PF</b>				<b>3.868007</b>	

<b>132 KV D/C KOLEBIRA - KAMDARA TRANSMISSION LINE FOREST LAND SCHEDULE, DISTRICT - GUMLA</b>					
<b>SL. NO</b>	<b>Village Name</b>	<b>Plot NO</b>	<b>Khata No</b>	<b>PF Area(Ha.)</b>	<b>JJ Area(Ha.)</b>
1	MURGA	295	61		0.246196
2	MURGA	298	60		0.285296
3	LOENGA	937	107		0.257962
4	KINDARKELA	1233	113		0.186544
5	KINDARKELA	1153	127		0.0823315
6	KINDARKELA	1289	127		0.192843
7	KINDARKELA	1119	127		0.0913773
8	AREYA	57	230		0.507665
9	KELGA	2120	159		0.167991
10	KELGA	1794	159		0.117517
11	KONBIR	1743	157	0.154596	
12	KONBIR	1797	157	0.297038	
13	BASIYA	327	249		0.299716
14	BASIYA	1851	249	0.0368367	
15	SUTURBULA	143	22	0.348105	
<b>TOTAL</b>				<b>0.8365757</b>	<b>2.4354388</b>
<b>TOTAL FOREST AREA JJ+PF</b>				<b>3.2720145</b>	

Map showing the required forest land, boundary of adjoining forest land on a 1:50,000 scale map	<p>Survey of India OSM F45G13, F45H1 &amp; F45G14 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</p> <p>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.</p>
Cost of Project	The estimated cost of the project is Rs. 156504416 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 7.1400215 Ha. of forest under Simdega & Gumla 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 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 =240dayes/yr.(240X185X1.5)=66600)

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 Kolebir Kamdara Transmission Line Jharkhand
			Nos.	Area(Ha.)	
1	Simdega & Gumla	7.1400215	7	0.0724	7.0676
Total		7.1400215	7	0.0724	7.0676

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

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 OSM SHEET F45G13, F45H1 & F45G14 showing the route alignment with alternatives of proposed power line.
(xi)Route alignment on Mouza Map (Forest Land).

**Date: 09/03/2022**

**Signature:**

  
Dy. General Manager (Project)  
Transmission Circle, Ranchi  
Jharkhand Urja Sancharan Nigam Ltd.

**Name in Block Letter : Rajeev Ranjan**

**Designation: Dy. General Manager**

**Transmission Circle, Ranchi**