

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

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

## 132 KV D/C CHHATARPUR - JAPLA TRANSMISSION LINE FOREST LAND SCHDULE

SL. NO	Village Name	Plot NO	Khata No	PF Area(Ha.)	JJ Area(Ha.)
1	Rudwa	1	36	1.5000	
2	Tuktuka Alias	307	1		0.1720
3	Tuktuka Alias	307	1	0.2215	
4	Tuktuka Alias	313	18		0.0372
5	Tuktuka Alias	292	15		0.0224
6	Tuktuka Alias	266	1	0.2248	
7	Tuktuka Alias	266	1		0.6146
8	Tuktuka Alias	263	1	0.9705	
9	Tuktuka Alias	263	1		0.2431
10	Tuktuka Alias	16	1		0.1418
11	Tuktuka Alias	16	1	0.2000	
12	Shildag	188	1	0.4920	
13	Shildag	188	1		0.2098
14	Shildag	6	1		0.1468
15	Shildag	6	1	1.0721	
16	Shildag	1	1	0.6725	
17	Shildag	1	1		0.2180
18	Shildag	5	1		0.0320
19	Rehra	112	1	0.6420	
20	Rehra	112	1		0.0746
21	Rehra	111	1	0.8363	
22	Rehra	110	1	0.8336	
23	Rehra	101	1	0.2530	
24	Rehra	100	1	0.2289	
25	Rehra	98	1	0.2517	
26	Rehra	73	1		0.0248
27	Rehra	60	1		0.0461
28	Rehra	76	1		0.0556
29	Rehra	58	1		0.0105
30	Belwanr	110	4		0.0782
31	Belwanr	119	4		0.0733
32	Karupa	84	13		0.0693
33	Karupa	53	13	1.2240	
34	Karupa	49	13	0.4310	
35	Karupa	6	13	0.7245	
36	Karupa	6	13		0.1024
37	Majhganwan	2	1	0.9789	
38	Chunautwa	30	5	0.8080	
39	Chunautwa	27	5	0.2373	
40	Chunautwa	24	5	0.3787	

41	Dumaria	417	1	1.2000	
42	Dumaria	399	1	1.5500	
43	Dumaria	147	12	0.8465	
44	Dumaria	147	12		0.0430
45	Dumaria	12	1		2.0248
46	Dumaria	12	1	0.5132	
47	Dumaria	10	1		0.9198
48	Dumaria	42	26	0.3366	
49	Dumaria	44	26		0.0340
50	Dumaria	42	26		0.2459
<b>TOTAL</b>				<b>17.6276</b>	<b>5.6400</b>
<b>TOTAL FOREST AREA JJ+PF</b>				<b>23.2676</b>	

Map showing the required forest land, boundary of adjoining forest land on a 1:50,000 scale map	<p>Survey of India Topo sheet (63P/14, 72D/2, 72D/3 &amp; OSM No. G44X14,G45S2,G45S3)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</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. 15,8634,066.00 Crore
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 make to avoid Reserved forest and protected forests coming on the way keeping in the techno-economical requirements.</p> <p>The proposed line is passing through 23.2676 Ha. of forest under Medininagar 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</p>

	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 Chandwa Latehar Transmission Line Jharkhand
			Nos.	Area(Ha.)	
1	Chhatarpur - Japla	23.2676	22	0.2772	22.9904
Total		23.2676	22	0.2772	22.9904

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 map No.- 63P/14, 72D/2, 72D/3 & OSM No. G44X14,G45S2,G45S3 showing the route alignment with alternatives of proposed power line.
(xi)Route alignment on Mouza Map (Forest Land).

Signature

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**SENIOR MANAGER**  
**TRANSMISSION DIVISION**  
**DALTONGANJ**

Name In Block Letters :

Dharamveer Singh

Designation

:

Senior Manager

Address

:

Jharkhand Urja Sancharan Nigam Limited

Transmission Division, Daltonganj (Jharkhand)