

JUSTIFICATION FOR LOCATING THE PROJECT IN (FOREST)AREA

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

Details of PF & JJ Land For the Proposed 132 Kv D/C Kolebira Simdega Transmission Line.				
Sl.No.	Village	Plot No.	Area Ha.(PF)	Area Ha.(JJ)
1	Nawatoli	265		0.2510
	Nawatoli	268		0.783
	Nawatoli	266		0.1074
2	Bhanwarpahar	1773		0.5824
	Bhanwarpahar	1791		0.4866
	Bhanwarpahar	1768	0.318	
	Bhanwarpahar	1768		0.3804
	Bhanwarpahar	1816		0.0668
3	Gibardhasa	433		0.1821
	Gibardhasa	433	1.1729	
	Gibardhasa	403		0.0969
	Gibardhasa	165		0.0185
	Gibardhasa	167		0.0215
	Gibardhasa	220		0.1126
	Gibardhasa	199		0.1063
	Gibardhasa	204		0.1214
4	Sundratoli	169		0.1509
	Sundratoli	161		0.1848
	Sundratoli	135		0.2680
	Sundratoli	117		0.1527
	Sundratoli	120		0.0870

	Sundratoli	36		0.8669
	Sundratoli	36	0.1338	
	Sundratoli	10	0.0378	
	Sundratoli	10		0.2826
	Sundratoli	1	0.2541	
	Sundratoli	1		0.0377
5	Machka	289		0.3259
	Machka	289	0.3416	
	Machka	305		0.077
	Machka	408		1.0799
	Machka	200		0.3877
	Machka	177		0.444
	Machka	336		0.3583
	Machka	415		1.0788
6	Taisera	125		0.298
	Taisera	93		0.0747
7	Bandarchuan	20		0.0363
	Bandarchuan	18		0.1609
	Bandarchuan	14		0.0603
	Bandarchuan	54		0.0397
	Bandarchuan	54	0.5487	
	Bandarchuan	7	0.3176	
	Bandarchuan	2780		0.0772
	Bandarchuan	2780	0.1729	
8	Arani	306		0.37
	Arani	387		0.18
	Arani	325	0.04	
	Arani	325		0.08
	Arani	1240		1.14
	Arani	1240	0.38	
	Arani	1341		0.84
	Arani	1304		0.21
	Arani	2103		0.45
	Arani	1313		0.31
	Arani	1070	0.34	
	Arani	1070		0.19
	Arani	1053		0.24
	Arani	1053	0.18	
	Arani	1090		0.2
	Arani	941		0.15
	Arani	1944	0.61	
	Arani	1944		0.08
	Arani	1957	0.69	
	Arani	1957		0.37
9	Bindhartoli	681		0.43
	Bindhartoli	578		0.04
10	Biru	3590		0.67
	Biru	3531		0.16
	Biru	3518	0.41	
	Biru	3518		0.33
	Biru	4190		0.2
	Biru	4187		0.17
Total Area			5.9474	16.6562
Total Forest Area (PF + JJ) -				22.6036

Map showing the required forest land, boundary of adjoining forest land on a 1:50,000 scale map	<p>Survey of India Topo sheet (73B/10 & OSM No. F45G10)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. 88048695.00 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 22.6036 Ha. of forest under Simdega 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 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)</p>

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 Simdega Transmission Line Jharkhand
			Nos.	Area(Ha.)	
1	Simdega	22.6036	29	0.3000	22.3036
Total		22.6036	29	0.3000	22.3036

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.- 73B/10 & OSM No. F45G10 showing the route alignment with alternatives of proposed power line.
(xi)Route alignment on Mouza Map (Forest Land).

Date: 29/12/2021

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