

ANNEXURE**(See Rule 6)****Form –A****Form for seeking prior approval under section 2 of the proposals by the State Governments and other authorities.**

PART-1 (To be filed up by User Agency)

1	Short narrative of the proposal and project/scheme for which the forest land is required.	:	<p>The Project i.e. 132 KV D/C Hansdiha Jasidih Transmission Line is constructed by Jharkhand Urja Sancharan Nigam Limited, a state Transmission Utility. It will transfer power and will fed to small grade substations will eventually will fed to village to fulfill their power supply demand.</p> <p>The project is passing through Deoghar, Mohanpur and Saraiyhat block of Deoghar and Dumka District. and Deoghar and Dumka Range of Deoghar and Dumka forest division. Total Forest land involved in the project is 9.9677 Ha.</p>															
(i)	Map showing the required forest land, boundary of adjoining forest on a 1:50,000 scale map.	:	<p>Map showing the forest and the Transmission route on Topomaps (1:50000) and village maps (1:3960) are enclosed. The DGPS Survey data map is also enclosed.</p>															
(iii)	Cost of the project	:	Rs 192221760.83 Lakh approx.															
(iv)	Justification for locating the project in forest area	:	<p>The 132 KV D/C Hansdiha Jasidih Transmission Line line length of 47.166 Km is passing through Deoghar, Mohanpur and Saraiyhat block of Deoghar and Dumka District. Total no. of villages -46 are involved in the project.</p> <p>Out of these forest is encountered in 14 villages to an extent of 9.9677 Ha which is equivalent to 3.691 Km of line length. The complete forest is located in Deoghar and Dumka Range of Deoghar and Dumka forest division.</p> <p>Since Deoghar and Dumka comprise of recorded forest on over 30% of geographical area, hence completely avoiding of forest was not possible.</p> <p>We opted 2 alternate feasible route on Google and conducted the walkover survey on all of these route.</p> <p>A detail comparison of all the two alternative with final alignment is as below:</p> <table border="1"> <thead> <tr> <th>Description</th> <th>Alternate -I</th> <th>Alternate -II</th> <th>Final Alignment</th> </tr> </thead> <tbody> <tr> <td>Line Length in Km</td> <td>47.95</td> <td>48.59</td> <td>47.166</td> </tr> <tr> <td>Forest area in Ha</td> <td>13.85</td> <td>15.98</td> <td>9.9677</td> </tr> </tbody> </table>				Description	Alternate -I	Alternate -II	Final Alignment	Line Length in Km	47.95	48.59	47.166	Forest area in Ha	13.85	15.98	9.9677
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			Referring to the above comparative statement for alternative routes, all the three routes are positioned on either side of BEE line. After initial inspection over survey of India maps and satellite image, all three routes were explored for best and optimal route. Special attention has been given to forest, power line crossings, Road crossings and Railway crossings and habitation. After detail analysis Route 1 has been observed as most viable.																																
(v)	Cost-benefit analysis (to be enclosed)	:	As per MoEF Guideline, Cost Benefit analysis is not required for projects where area in forest is below 20Ha in plain																																
(vi)	Employment likely to be generated	:	Two type of employment will be generated 1. Permanent Employment: 6 Nos of employee will be engaged during the course of construction and thereafter for the maintenance of transmission Line. 2. Temporary Employment: 185 workforce (Skilled, semiskilled and unskilled) will be required for 200 Days for 1.5year which will be equivalent to 185x200x1.5 = 55500 man days.																																
2	Purpose-wise break-up of the total land required	:	After working out various alternative Alignments, the diversion of forest land to the minimum requirement is worked out. The details of the forest land proposed for diversion for construction of 132 KV D/C Hansdiha Jasidih Transmission Line is as below: <table><tr><th>Division</th><th>Type of Forest</th><th>Length in Mtr</th><th>ROW as perMoEF Guideline</th><th>Total Area in Ha</th></tr><tr><td rowspan="3">Deoghar And Dumka</td><td>RF</td><td>0</td><td>27</td><td>0</td></tr><tr><td>PF</td><td>3692</td><td>27</td><td>9.9677</td></tr><tr><td colspan="4"></td></tr><tr><td></td><td>Total</td><td>3692</td><td>27</td><td>9.9677</td></tr></table> <table><tr><th>Component</th><th>Nos/ROW</th><th>Area in Ha.</th></tr><tr><td>Transmission Tower</td><td>168 Nos</td><td>1.7379 Ha</td></tr><tr><td>ROW of Transmission Line</td><td>27 Mtrs</td><td>127.3482 Ha</td></tr></table>	Division	Type of Forest	Length in Mtr	ROW as perMoEF Guideline	Total Area in Ha	Deoghar And Dumka	RF	0	27	0	PF	3692	27	9.9677						Total	3692	27	9.9677	Component	Nos/ROW	Area in Ha.	Transmission Tower	168 Nos	1.7379 Ha	ROW of Transmission Line	27 Mtrs	127.3482 Ha
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3	Details of displacement of people due to the Project, if any	:	Nil																																
(i)	Number of families	:																																	
(ii)	Number of scheduled casts/ Scheduled Tribe Families	:	Does not arise as there are no displacement of the people in the project																																

4	Whether clearance under Environment (Protection) Act.1986 required (Yes/No)	:	Transmission line do not require Environment Clearances
5	Undertaking to bear the cost of raising and maintenance of compensatory afforestation and/or penal compensatory afforestation as well as cost for protection and regeneration of safety zone, etc., as per the scheme prepared by the State Government	:	Enclosed
6	Details of Certificates / Documents enclosed as required under the instructions	:	<ul style="list-style-type: none"> ❖ Justification for locating the Project inside the Forest Land ❖ Undertaking for depositing the funds towards raising and maintenance of Compensatory afforestation. ❖ Undertaking for depositing the funds towards payment of Net Present Value (NPV) and Additional NPV ❖ Certificate of Area Minimum of forest land ❖ Detailed statement requirement of forest land ❖ Map in SI sheet showing the forest land ❖ ETS & DGPS/GNSS survey data for forest land proposed for diversion ❖ Certificate for non-violation of Forest (Conservation) Act, 1980 etc

Date: 31/01/2022

Signature

:



Senior Manager
Transmission Division, Dumka

Name in Block Letter: Gaurav Kumar Singh

Designation: Senior Manager

Transmission Division, Dumka