

FORM-IV

Form for seeking prior approval under section 2 of the proposal by the state Governments and other authorities.

(For Forest Division-Bastar)

1. Project details	
i. Short narrative of the proposal and project/scheme for which the forest land is required	Construction of 220 KV DCDS Jagdalpur - Barsoor Transmission Line from Existing 400/220 KV S/S JAGDALPUR to Existing 220/132 KV/33 KV S/S BARSOOR (Village - parchanpal to Barsoor as per route map 1:50,000 is enclosed is about 88.8 KM out of which 23.535 hectar(6.724 km) in Bastar forest division Jagdalpur). The proposal is for forest clearance of 70.782 Hectors out of which 23.535 hectar (6.724 Km) in revenue forest area. No resereve as all as protected forest comes under jurisdiction of Bastar forest divison Jagdalpur. 23.535 hectar (6.724 km land is required for laying of 220KV DCDS JAGDALPUR - BARSOOR Transmission Line in Jagdalpur district and Bastar forest divison Jagdalpur Chhattisgarh State.(FRA & NOC for respective revenue forest land has already been issued from District Collector Bastar Jagdalpur vide no. Q/reader/2017 Dated 11/08/2017 & क /रीडर /2017 दिनांक 08 /08/ 2017 respectively (Enclosed)
ii. Map showing the required forest area. Boundary of adjoining forest and item wise breakup of the required forest area for different purpose (to be authenticated by an officer not below the rank of Deputy Conservator of Forest.	Enclosed
iii. Total Cost of the project	Rs 76.34 Crore (Rupees Seventy six crore thirty four lacs)
iv. Justification for locating the project in the forest area giving alternative examined and reasonsfor their rejection.	The proposed line is passes thourgh 23.535 hectare revenue forest area out of 223.121 hectare area of land under Bastar district and forest divison Jagdalpur. No involvement of reserve as well protected forest in the jurisdiction of Bastar forest divion Jagdalpur. This is minimum possible route examined as compared to other alternate examined route no. 1 & 3.

v. Financial and social benefits.	Continued / uninterrupted power supply shall be made available for the Bastar & Dantewada District which will help to promote irrigation in tribal area. The probability of industrial growth will also increased. This project will help the development of the area .																																																								
vi. Employment generated.	Direct employment of about 20,000 men days shall be generated in the Tribal area during construction activity & about 40 permanent Empolymnet for opration and mentinence activities.																																																								
2. Location of Project/Scheme. i. State/Union Territory. ii. District. iii. Forest Division, Forest Block, Compartment etc.	Chhattisgarh Bastar & Dantewada District Bastar Bastar forest division Jagdalpur																																																								
3. Item wise Break-up of the total land required for the project / scheme along with its existing land use.	<u>Required land (Under Bastar Forest Dn Jagdalpur) laying of 220KV DCDS JAGDALPUR - BARSOOR Transmission line</u> <table><tr><td>Name of Village</td><td>Compart-ment no/Khasara no.</td><td>Total hecta re</td></tr><tr><td>Mahupalb arai</td><td>98,91,100,85</td><td>1.571</td></tr><tr><td>Bangapal</td><td>22,19</td><td>0.219</td></tr><tr><td>Kolchur</td><td>451</td><td>0.057</td></tr><tr><td>Kaviasana</td><td>547</td><td>0.033</td></tr><tr><td>Surguda</td><td>613,530,528,521,519,516,526,524,522,646</td><td>2.922</td></tr><tr><td>Karanji</td><td>874</td><td>0.293</td></tr><tr><td>Tekameta</td><td>327,325</td><td>0.12</td></tr><tr><td>Palva</td><td>41,39,28</td><td>0.446</td></tr><tr><td>Raikot</td><td>73,238,18</td><td>0.853</td></tr><tr><td>Pathreli urf udva</td><td>710,705,704,695,356,321,298</td><td>0.434</td></tr><tr><td>Mavalibhat a</td><td>14</td><td>0.044</td></tr><tr><td>Burungpal</td><td>847,779,699,695,694</td><td>2.149</td></tr><tr><td>Gurram</td><td>34,91,88,92</td><td>0.745</td></tr><tr><td>Telga arapur</td><td>13/2</td><td>0.200</td></tr><tr><td>Aerakot</td><td>590,375,262</td><td>0.072</td></tr><tr><td>Nainnar</td><td>847,846,845,843,833,834,859,745,744,848,850</td><td>3.066</td></tr><tr><td>Katakanda</td><td>200,199</td><td>0.131</td></tr></table>			Name of Village	Compart-ment no/Khasara no.	Total hecta re	Mahupalb arai	98,91,100,85	1.571	Bangapal	22,19	0.219	Kolchur	451	0.057	Kaviasana	547	0.033	Surguda	613,530,528,521,519,516,526,524,522,646	2.922	Karanji	874	0.293	Tekameta	327,325	0.12	Palva	41,39,28	0.446	Raikot	73,238,18	0.853	Pathreli urf udva	710,705,704,695,356,321,298	0.434	Mavalibhat a	14	0.044	Burungpal	847,779,699,695,694	2.149	Gurram	34,91,88,92	0.745	Telga arapur	13/2	0.200	Aerakot	590,375,262	0.072	Nainnar	847,846,845,843,833,834,859,745,744,848,850	3.066	Katakanda	200,199	0.131
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	Badekilepa 1	381/52	0.211
	Mutanpal	293,291,272,268,226	2.419
	Tirthum	155,153,154,115,114	1.635
	Lalaguda	486,435,419	1.08
	Dhokhum	80,78,77,75,30,71,17,20,18	2.664
	Kodenar	714,699,647	1.153
	Turangur	363,257,184	1.018
	Total Forest Land (Revenue forest)		23.535
	Non Forest Land		199.586
	Total Land		223.121
4. Details Forest land involved:			
i.	Legal status of forest (namely revenue and protected)	Bastar Forest Divison Jagdalpur Protected forest Nil hectare & Revenue forest Nil hectare	
ii.	Details of Flora and Fauna existing in the area.	Not applicable	
iii.	Density of Vegetarian	Not applicable	
iv.	Species - wise and Diameter class wise abstract of trees.	Not applicable	
v.	Vulnerability of the forest are erosion, whether it forms a part of seriously eroded area or not.	Not applicable	
vi.	Whether it forms a part of national park, wildlife sanctuary, nature reserve, and biosphere reserve etc. and if so, details of te area involved. Specific comments of the chief wildlife warden to be annexed.	Not applicable	
vii.	Item wise breakup of the forest land required for the project/schemem for different purpose.	Laying of 220 kv Jagdalpur – Barsoor Transmission Line, PF & RF Nil. Revenue forest under Tehsil Bastar,Lohandiguda, Tokapal, Darbha and Bastanar comes out to be 23.535 hectare. Therefore, Total forest 23.535 hectare in Bastar forest divison Jagdalpur encountred.	
viii.	Rare endangered species of Flora and	None	

	Fauna found in the area.	
ix.	Whethere it is a habitat for migrating Fauna or Form a bedding ground for them.	NO
x.	Any other significance of the area relevant of the proposal.	None
5.	Detailed of displacement of people to the project.	
i.	State/Union Territory (namely reverence and protected)	Chhattisgarh
ii.	Number of scheduled caste/scheduled tribe families involved in displacement.	No
iii.	Details rehabilitation plan.	None
6.	Details of compensatory forestation scheme.	
i.	Details of non-forest area/degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, and size of each patch.	Not applicable (दन्तेवाड़ा वनमण्डल के अंतर्गत सिंचित वैकल्पिक वृक्षारोपण हेतु प्रस्तावित है।)
ii.	Map showing non-forest/degraded forest area identifier compensatory afforestation and adjoining forest boundaries.	Not applicable
iii.	Detailed compensatory afforestation scheme including species to be planted implement agency, time schedule, cost structure etc.	Not applicable

iv.	Total financial for competent authority afforestation scheme.	Not applicable
v.	Certificate for competent authority regarding suitability of area identified for compensatory of forestation for a forestation and from management point of view. (To be signed by the office not below the rank of deputy conservations of forest.)	Not applicable
7.	Detail regarding transmission lines (only for transmission Line Proposal	
i.	Total Length of transmission line.	88.8 km (63.711 km under Bastar district and Bastar forest divison Jagdalpur & 25.089 Dantewada district & forest divison)
ii.	Length passing through forest area.	6.724 km
iii.	Right of way.	35 m
iv.	Number of Tower to be erected.	Apporoximate 165 no. towers proposed to be passes in revenue as well as private land owners.
v.	Number of Tower to be erected in forest.	Approximate 24 no. towers proposed to be passes through revenue forest area.
vi.	Height of Transmission Towers.	34.142 M (BN 02+0M) 34.375 M (BN 30+0 M) 34.875 M (BN 60+0 M) In addition to above + 3 M. to + 18 M additional height shall be added on account of maintaining adiquite road , river and power line crossings where ever techniqally required.
8.	Details of irrigation Hydel Project (only got Irrigation/Hydel Project)	
i.	Total catchements area.	NO
ii.	Total command area.	NO
iii.	Full reservoir level.	NO


iv.	High flood level.	NO
v.	Minimum drawl level.	NO
vi.	Break-up area falling in catchments area of the project (Forest land, cultivated land, pasture land, human cultivation, others)	Not applicable
vii.	Area of submergence at high flood level.	Not applicable
viii.	Area of submergence at full reservoir level.	Not applicable
ix.	Area of submergence at 2 meter below full reservoir level.	Not applicable
x.	Area of submergence at 4 meter below full reservoir level. (For medium and major projects only.)	Not applicable
xi.	Area of submergence at high flood level.	Not applicable
xii.	Area of submerge at full reservoir level.	Not applicable
xiii.	Area of submergence at 2 meter below full reservoir level.	Not applicable
xiv.	Area of submergence at 4 meter below full reservoir level. (For medium and major projects only.)	Not applicable
xv.	Area of submergence at minimum drawl level.	Not applicable
xvi.	Detailed catchments outlays and details regarding availability of funds for catchments area treatment plant.	Not applicable

9. Details regarding mining proposal (only for mining Proposal)	
i. Length and width of the strip and forest area required.	Not applicable
ii. Total length of the road.	Not applicable
iii. Length of road already constructed	Not applicable
iv. Length of the road passing through the forest	Not applicable
10. Details regarding mining proposal (only for mining proposal)	
i. Total mining lease area and forest required.	Not applicable
ii. Period of mining lease proposed.	Not applicable
iii. Estimated reserve of each mineral/ore in the forest and in the non-forest area.	Not applicable
iv. Annual estimated production of mineral/ore.	Not applicable
v. Nature of mining operation (opencast/underground)	Not applicable
vi. Phased reclamation plan.	Not applicable
vii. Gradient of the area where mining would be undertaken.	Not applicable
viii. Copy of the lease deed (to be attached only for renewal proposes)	Not applicable
ix. Number of laboures to be employed.	Not applicable
x. Area of forest land required for:	Not applicable

a. Mining	Not applicable
b. Storing minera/ore.	Not applicable
c. Dumping of overburden.	Not applicable
d. Storing tools and machinery, power stations, workshop, etc.	Not applicable
e. Construction of building power stations, workshop, etc.	Not applicable
f. Township/lousing colony.	Not applicable
g. Construction of road/rioewat/railway	Not applicable
h. Full land use plean of forest are.	Not applicable
xi. Reason why way of the activities, referred to in (a) to (h) above under the project for which forest land has been asked for cannot be undertaken/located outside forest area.	Not applicable
xii. The extend of damaged likely to be caused and the number of trees affected and account mining and related activates.	Not applicable
xiii. Distance of the mining area form perennial water course national and state highway, national par, sanctuaries and biosphere reserves.	Not applicable
xiv. Procedure for the	Not applicable

stocking of the topsoil for reuse.	
xv. Extent of subsidence expected in underground mining operation and its impact on water, forest and other vegetation.	Not applicable
11. Cost benefit Analysis	Enclosed
12. Whether Clearance from environmental angle in required (Yes/No) if yes, whether requisite details for same have been furnished (Yes/No)	Not required
13. Whether clearance from environmental angle is required (Yes/No) if Yes, whether requisite details for same have furnished (Yes/No)	Not required
14. Whether any work in violatin of act has been carried out (Yes/NO)	
i. Details of same including date of commencement.	NO
ii. Officers responsible for violation of their Act.	NO
iii. Action taken/being taken against erring officers.	Not required
iv. Whether work in violation of the Act is still progress.	Not required
15. Any other information.	-

16. Details opinion of the Chief Conservation of forest/head of the forest department concerned covering the following aspects, unamely.	
i. Out-turn of timber, fuel wood and other forest procedure from the forest land involved.	No
ii. Whether the district is dsself-sufficient in timber and fuel wood, and	No
iii. The effect of the proposal on a. Fuel wood supply to rural population.	No
b. Economy and livelihood of the tribal and backward communities.	No
iv. Specific Recommendation of the chief Conservation of Forest/Head of the forest Department of the proposal with reason thereof.	<p>बस्तर वनमण्डल के परिक्षेत्र बस्तर , जगदलपुर, चित्रकोट एवं दरभा में आवेदक कार्यपालन अभियन्ता 400 के. व्ही. लाईन निर्माण संभाग छ.रा. वि. पारे. क. मर्यादित कांकेर (छ.ग.) द्वारा 220 के.व्ही.डी.सी.डी.एस जगदलपुर – बारसूर विद्युत पारेषण लाईन के निर्माण हेतु 23.535 हे. राजस्व वनभूमि प्रस्तावित किया गया है। जिसका डी.जी.पी.एस. सर्वेक्षण रिपोर्ट के आधार पर वन प्रबंधन सूचना प्रणाली वनमण्डल रायपुर से प्राप्त वनस्पति मानचित्र में 10 कि.मी. परिधि में कागेंर घाटी राष्ट्रीय उद्यान जगदलपुर के अंतर्गत आता है। परन्तु विद्युत लाईन निर्माण से पर्यावरण को किसी प्रकार का कोई नुकसान नहीं है। ऐसे प्रकरण में National Board of Wild Life से अनुमोदन की आवश्यकता नहीं है। इस संबंध में भारत सरकार पर्यावरण एवं वन मंत्रालय नई दिल्ली के पत्र क्रमांक 5-3/2007- एफ.सी. (पी.टी.) दिनांक 19.08.2010 संलग्न है।</p> <p>वनस्पति मानचित्र में कक्ष क्रमांक 1647 पी, 1637 पी, 1628 पी एवं 1659 पी विद्युत लाईन मानचित्र में दर्शित है। जबकि स्थल सत्यापन करने पर कक्ष क्रमांक 1647 पी प्रस्तावित लाईन से 1.23 कि.मी., कक्ष क्रमांक 1637 पी प्रस्तावित लाईन से 200 मी., कक्ष क्रमांक 1628 पी प्रस्तावित लाईन से 1.2 कि.मी. एवं कक्ष क्रमांक 1659 पी प्रस्तावित लाईन से 213 मी. दूरी से विद्युत लाईन प्रस्तावित की गई है। अतः 220 के.व्ही.डी.सी.डी.एस जगदलपुर – बारसूर विद्युत पारेषण लाईन के निर्माण हेतु अनुशंसा की जाती है।</p>


 (Kadir Khan)
 Executive Engineer
 400KV Line Construction, Dn
 C.S.Power.Transmission.C.L.
 Kanker


 Raju Agsimani(I.F.S)
 Divisional Forest Officer
 Bastar Forest Division
 Jagdalpur (C.G)