

FORM-IV

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

(For Forest Division-Dantewada)

1. Project details	
i. Short narrative of the proposal and project/scheme for which the forest land is required	<p>Construction of 132KV DCSS Barsoor – Bijapur transmission Line from 220Kv/132Kv Sub Station Barsoor to Bijapur about 88.370Km., in Dantewada & Bijapur District of Chhattisgarh State.</p> <p>Proposal for forest clearance of 71.705 Hactares (26.557 Km) forest area, out of which 24.601 Hactares (9.111 Km) under Reserve forest, 24.141 Hactares (8.941 Km) under Protected forest, 22.963 Hactares (8.505 Km) under Revenue Forest in Dantewada forest Division.</p>
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	<p>Rs 78.75 Crore (Rupees Seventy Eight Crore Seventy Five Lac) only</p>
iv. Justification for locating the project in the forest area giving alternative examined and reasons for their rejection.	<p>Complete route of the proposed 132 KV transmission line has fall under the Dantewada & Bijapur District of Baster region, which is covered by forest and hill range , therefore in the route of line the forest area can not be avoided. During finalization of project all aspects to avoid the use of forest land has been examined. The proposed project route has minimum involment of forest land and minimum tree falling and comply all other technical aspects of transmission line. The other two alternative route have more involvement of forest land and higher tree falling and also passes through Bhiramgarh sancury and Indrawati tiger reserve forest buffer zone.</p>
v. Financial and social benefits.	<p>Due to this project Continued / uninterrupted power supply shall be available for the Bijapur District, which help to promote pump irrigation in the tribble area of the bijapur which cover under hilly and dense forest terrain. Since the area is mineral rich thus, the probability of industrial growth is also higher due avaiability of electricity. This project contribute to enhance financial capacity of this area.</p>

vi. Employment generated.	Direct employment of about 15, 000 men days shall be generated in major tribal areas during construction activity & about 20 Permanent Employment for operation and maintenance activity .		
2. Location of Project/Scheme. i. State/Union Territory. ii. District. iii. Forest Division, Forest Block, Compartment etc.	Chhattisgarh Dantewada & Bijapur Forest Dn -Danteawada , Range – Gidam & Nelasnar. Forest divison Bijapur, Range- Bhairamgarh & Bijapur		
3. Item wise Break-up of the total land required for the project / scheme along with its existing land use.	Required land (Under Forest Dn Dantewada) laying of 132KV Barsoor- Bijapur Transmission line		
	Name of Range/Village	Compartment no/ Khasra No.	Total hectare
	Geedam Range	PF 1241	4.807
		RF 1252	0.211
		RF1262	3.736
		RF1261	3.08
		RF 1254	4.92
		PF 1320	0.346
	Nelasnar Range	PF 1990	0.63
		PF 1978	4.947
		PF 1977	3.7
		PF 1973	9.146
		PF 1972	0.565
		RF 1965	7.801
		RF 1966	4.853
	Barsoor	-	-
	Upet	Z1, 4, 76, 62, 63, 58	1.325
	Purantra	-	-
	Nagphani	-	-
	Ronje	85, 6	0.451
	Kasoli	263	0.087
	Gutoli	228, 214, 169, 206, 207, 281	0.810
	Mofalnar	150, 149, 177, 104, 103, 95, 184, 93, 190, 211, 212	2.087
	ChhoteTumnar	760, 778, 797, 793, 789, 623, 616	1.994
	BadeTumnar	153, 143, 124, 99, 94, 45, 44, 41	1.073
	Bodli	252, 253, 218, 170, 166, 107, 108, 132, 133, 135, 137	1.979
	Fundari	22	1.263
	Nelasnar	691, 680/1, 678, 670, 458, 128, 117	1.065

	Patarpara	37, 46, 47	1.743
	Pusnar	33, 53	0.302
	Bhairamgarh	1636, 1459, 1457, 1380, 1193, 773, 629 627, 625/1, 16	4.008
	Jangla	146/1, 147/1, 82, 79, 77/1, 129/1, 130/1	4.184
	Gadamali	11, 2	0.592
	Total Forest Land		71.705
	Non Forest Land		95.858
	Total Land		167.563
4. Details Forest land involved:			
i.	Legal status of forest (namely revenue and protected)	Reserve forest <u>24.601</u> Hactares, PF forest <u>24.141</u> Hactares & Revenue Forest 22.963 Hactares	
ii.	Details of Flora and Fauna existing in the area.	Details of Flora given in the list enclosed list (page no) Details of Fauna – As per enclosed list (page no)	
iii.	Density of Vegetation	- 0.5	
iv.	Species-wise and Diameter class wise abstract of trees.	-Attached	
v.	Vulnerability of the Forest area erosion, whether it forms a part of seriously eroded area or not.	It does not form a part of seriously eroded area	
vi.	Whether it forms a part of national park, wildlife sanctuary, nature reserve, and biosphere reserve etc. and if so, details of the area involved. Specific comments of the chief wildlife warden to be annexed.	No, project line is not passes from the any part of national park, wildlife sanctuary, nature reserve, and biosphere reverse etc.	
vii.	Item wise breakup of the forest land required for the project/scheme for different purposes.	Laying of 132KV DCSS Barsoor – Bijapur transmission Line:-71.705 Hactare. (Reserve forest <u>24.601</u> hect, Protected Forest - <u>24.141</u> Hac. and revenue forest <u>22.963</u> hect).	
viii.	Rare endangered species of Flora and Fauna found in the area.	None	
ix.	Whether it is a habitat for migrating Fauna or forms a bedding ground for them.	No	

x. Any other significance of the area relevant to the proposal.	None																												
5. Details of displacement of people to the project. i. State/Union Territory. (namely reverence and protected) ii. Number of scheduled caste/scheduled tribe families involved in displacement. iii. Details rehabilitation plan.	Chhattisgarh No family displaced. Because of nil displacement, resettlement is not required.																												
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. ii. Map showing non-forest/degraded forest area identifier for compensatory a forestation and adjoining forest boundaries. iii. Detailed compensatory afforestation scheme including species to be planted implement agency, time schedule, cost structure etc. iv. Total financial for competent authority afforestation scheme. v. Certificate for competent authority regarded suitability of area identified for compensatory a forestation for a forestation and form management point of view. (To be signed by the office not below the rank of deputy conservations of forest)	<p>Degraded forest area identified for compensatory afforestation Proposed for double area of forest land proposed to be diverted i.e. $99.419 \times 2 = 198.838$ say 199. Hactare.</p> <table border="1" data-bbox="775 846 1481 1111"> <thead> <tr> <th>Patch No.</th><th>Compart-ment no.</th><th>Compart-ment Area</th><th>Selec-ted Area</th><th>CA Area</th><th>Remark</th></tr> </thead> <tbody> <tr> <td>1</td><td>1241</td><td>279.23</td><td>127.1</td><td>119</td><td rowspan="3">Adjoining to the other existing forest compartment,</td></tr> <tr> <td>2</td><td>1273</td><td>278.58</td><td>21.4</td><td>20</td></tr> <tr> <td>3</td><td>1273</td><td>278.58</td><td>62.8</td><td>60</td></tr> <tr> <td colspan="4">Total CA area in Hectare</td><td>199</td><td></td></tr> </tbody> </table> <p>Attached</p> <p>Rupees-10,85,85,544.00</p> <p>Attached</p> <p>Attached</p>	Patch No.	Compart-ment no.	Compart-ment Area	Selec-ted Area	CA Area	Remark	1	1241	279.23	127.1	119	Adjoining to the other existing forest compartment,	2	1273	278.58	21.4	20	3	1273	278.58	62.8	60	Total CA area in Hectare				199	
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[illegible]


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 purposes)	Not Applicable
ix. Number of labours to be employed.	Not Applicable
x. Area of forest land required for:	Not Applicable
a. Mining	
b. Storing mineral/ore.	
c. Dumping of overburden.	
d. Storing tools and machinery, power stations, workshop, etc.	
e. Construction of building, power stations, workshop, etc.	
f. Township/Housing colony.	
g. Construction of road/ropeway/railway lines.	
h. Full land use plan of forest area.	

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 on account mining and related activates.	Not Applicable
xiii. Distance of the mining area form perennial water courses national and state highway, national parks, sanctuaries and biosphere reserves.	Not Applicable
xiv. Procedure for the stocking of the topsoil for reuse.	Not Applicable
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 is required (Yes/No) if yes, whether requisite details for same have been furnished (Yes/No)	No, Construction of Transmission line not cover in the category/list of activity comes under the environmental Clearance as per EIA notification.
13. Whether clearance from environmental angle is required (Yes/No) if Yes, whether requisite details for same have furnished (Yes/No)	No
14. Whether any work in violation of act has been carried out (Yes/No) i. Details of same including date of commencement. ii. Officers responsible for violation of the Act. iii. Action taken/being taken against erring officers. iv. Whether works in violation of the Act is still in progress.	No No No No
15. Any other information.	None
16. Details opinion of the Chief Conservation of forest/head of the	

<p>forest department concerned covering the following aspects, namely:</p> <ol style="list-style-type: none"> Out-turn of timber, fuel wood and other forest procedure from the forest land involved. Whether the district is self sufficient in timber and fuel wood, and The affect of the proposal on <ol style="list-style-type: none"> Fuel wood supply to rural population. Economy and livelihood of the tribal and backward communities. Specific Recommendation of the chief Conservator of Forest/Head of the forest Department of the proposal with reason thereof. 	<p>Proposal for 132KV DCDS Barsoor-Bijapur Transmission line does not effect on the fuel wood supply of the rural population and economy of the livelihood of the tribal and back ward communities.</p>
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Certified that all other alternatives for the purpose have been explored and other demand for the required area is the minimum demand for forest land.


(Praveen Prakash Singh)
 Executive Engineer
 E.H.T. (Maint.), Dn
 C.S.Power.Transmission.C.L.
 Bhilai


(K.R. Barhai)
 I.F.S.
 Divisional Forest Officer
 Dantewada Division

वन मंडल दंतेवाड़ा/बीजापुर

छत्तीसगढ़ राज्य विद्युत पारेषण कम्पनी मर्यादित द्वारा 132 के.वी. डी.सी.एस.एस. बारसूर – बीजापुर विद्युत पारेषण लाईन परियोजना के कार्य आयोजना क्षेत्र में पाए जाने वाले पौधों के हिन्दी स्थानीय / वैज्ञानिक नाम, स्थानीय नाम, वर्णकमानुसार

(अ) पौधों का नाम

क्र.	स्थानीय नाम	Local name	वानस्पतिक नाम (Botnical Name)	परिवार वर्ग (Family Name)
1	आल	Aal	Morinda Tinctoria, Roxb	Rubiaceae
2	आचार	Achar(Char)	Buchanania lanzan, spreng	Anacardiaceae
3	आम	Aam	Mangifera Indica, Linn	Anacardiaceae
4	अमलताश	Amaltas	Cassia Fistula, Linn	Leguminosae
5	आमटा	Amta	Bauhinia malaysia, Roxb	Leguminosae
6	अंजन	Anjan	Hardwickia binata, Rite	Leguminosae
7	ऑंवला	Aonla	Embllica officinalis, Gaertn	Euphorbiaceae
8	आप्टा	Apta(Asta)	Bauhinia racemosa, Linn	Leguminosae
9	अर्जुन(कहुआ)	Arjun(Kahua)	Terminalia arjuna, W.et.A	Combretaceae
10	बहेडा	Baheda	Terminalia bellerica, Roxb	Combretaceae
11	बड़(बरगद)	Bar	Ficus benghalensis, Linn	Moraceae
12	बेल	Bel	Aegle marmelos, corr.	Rutaceae
13	बेर	Ber	Ziziphus mauritiana, Lamk	Rhamnaceae
14	भाक तेन्दू	Bhak Tendu	Diospyros cordifolius, Toxb	Ebenaceae
15	भिल्वा	Bhelwa	Semicarpus anacardium, Linn	Anacardiaceae
16	भिर्रा	Bhirra	Chloroxylon swietenia, D.C	Meliaceae
17	भौरसाल(मांच)	Bhorsal(Mach)	Hymenodictyon excelsum, wall	Rubiaceae
18	बीजा	Bija	Pterocarpus marsupium, Roxb	Leguminosae
19	बिसतेन्दू	Bistendu	Diospyros montana, Roxb	Geraniaceae
20	दतरंगा	Datranga	Hechtia laevis, Roxb(Exwilld)Pox Hoffm	Boraginaceae
21	धामन	Dhaman	Grewia tiliacifolia, Vahl	Tiliaceae
22	धावड़ा	Dhaora(Dhouda)	Aenuifolia latifolia, Wall	Combretaceae
23	धोबिन	Dhobin	Dalbergia paniculata, Roxb	Leguminosae
24	दूधी	Dudhi	Wrightia tinctoria, R.Br.	Apocynaceae
25	गमारी(सिवना)	Gamari(Siwna)	Gmelina arborea, Roxb	Verbanaceae
26	गरारी(कर्रा)	Garari(Karra)	Cleistanthus cellins	Euphorbiaceae
27	गिल्ची/गिरच	Gilchi	Casearia elliptica, Dalz	Salicaceae
28	गूलर	Gular	Ficus glomerata, Roxb	Moraceae

वन मंडल दंतेवाड़ा/बीजापुर				
छत्तीसगढ़ राज्य विद्युत पारेषण कम्पनी मर्यादित द्वारा 132 के.व्ही. डी.सी.एस.एस. बारसूर - बीजापुर विद्युत पारेषण लाईन परियोजना के कार्य आयोजना क्षेत्र में पाए जाने वाले वन्य प्राणीयों, प्रजातियों के स्थानीय हिन्दी/ अंग्रेजी एवं वैज्ञानिक नामों की सूची				
(अ) वन्य प्राणी				
क्र.	स्थानीय नाम	Local Name	अंग्रेजी नाम	वैज्ञानिक नाम
1	बाघ	Bagh(Sher)	Tiger	Panthera Tigris, (Linnaeus)
2	बन्दर	Bandar	Rhesus Macaque (Red faced monkey)	Macaca mulatta, (Zimmerman)
3	बन्दर	Bandar	Common langur	Presbytis entellus, (Dufrense)
4	भेड़िया	Bhendiya	Wolf	Canis lupus pallipes
5	भालू	Bhalu	Sloth Bear	Melursus ursinus, (shaw)
6	चीतल	Chital	Spotted Deer	Axis Axis, (Evxleben)
7	चुहा	Chuha(Musa)	Field Rat	Bandicota bengalensis
8	गौर	Gaur	Indian Bison	Bos gaurus, (H.Smith)
9	गिलहरी	Gilheri	Three Striped Squirrel	Funambulus Pennantii, (Wroughton)
10	गिलहरी	Gilheri	Malabar Squirrel	Sciurus Species
11	गिलहरी	Gilheri	Flying Squirrel	Manis Crassicaudata
12	जंगली भैंसा	Jungali Bhaisa	Wild Buffalo	Bubalus Bubalis
13	जंगली बिल्ली	Jungali Billi	Jungle cat	Felis chaus, (Guldensteadt)
14	जंगली कुत्ता	Jungali Kutta	indian Wild Dog	Cuon alpinus, (Pallas)
15	खरगोश	Khargosh	Indian Hare	Lepus nigricollis, (F.Cuvier)
16	सियार	Kolha(Siyar)	Jackal	Canis aureus, (Linnacus)
17	कोडरी	Kodari	Barking Deer	Muntiacus muntjak
18	लकड़बग्गा	Lakharbagha	Striped Hyena	Hyaena Hyaena, (Linnacus)
19	लोमड़ी	Lomri	Indian Fox	Vulpes bengalensis, (Shaw)
20	माउस डीयर	Mouse deer	Indian Chevrotain	Tragulid meminna
21	नेवला	Newla	common mongoose	Herpestes edwardsii, (Geefrey)
22	नीलगाय	Nilgai	Blue Bull	Boselaphus tragocamelus
23	साही	Sahi	Indian Porcupine	Hystrix indica, (Kerr)
24	सांभर	Sambhar	Sambhar	Cervus unicolor, (keer)
25	सुअर	Suar	Indian wild bear	Sus serofa, (Linnaeus)
26	तेन्दुआ	Tendwa(Gulbagh)	Panther	Panthera pardus, (Linnaeus)

29	हल्दू	Haldu	Adina cordifolia, Hook F.	Rubiaceae
30	हरा	Harra	Terminalia chebula, Retz	Combretaceae
31	हररिंगार	Harsingar	Nyctanthes arbortristis, Linn.	Oleaceae
32	इमली	Imli	Tamarindus Indica, Linn	Leguminosae
33	जामुन	Jamun	Syzygium cumini, (Linn) Skeels.	Myrtaceae
34	मोयन, मोदे, झिंगन	Moyan, mode, Jhingan	Lannea coromandelica, (Houtt)	Anacardiaceae
35	कदंब	Kadamb	Anthocephalus cadamba, Miq. (New name (Anthocephalus indicus), A. rich	Rubiaceae
36	कलम	Kaim (Kalam, Mundi)	Mitragyna parvifolia (Roxb) Korth	Rubiaceae
37	ककई	Kakai	Flacourtia indica, (Burm F.) Merr.	Salicaceae
38	करंजी	Karanji	Pongamia pinnata, (Linn) Pierre Pongamia glabra, vent	Leguminosae
39	कसई	Kasai	Bridelia retusa, spreng	Euphorbiaceae
40	केकड	Kekad	Garuga pinnata, Roxb	Burseraceae
41	खैर	Khair	Acacia catechu, wild	Leguminosae
42	कुल्लू	Kullu	Sterculia urens, Roxb	Sterculiaceae
43	कुम्भी	Kumbhi	Careya arborea, Roxb	Myrtaceae
44	कुसुम	Kusum	Schleichera oleosa, (Lour) Oken	Sapindaceae
45	लेण्डिया	Lendia (Geja)	Langestromia parviflora, Roxb	Lythraceae
46	महुआ	Mahua	Madhuca indica, Gmel	Sapotaceae
47	नीम	Neem	Azadirachta indica, A. juss	Meliaceae
48	पलाश	Palash	Butea monosperma, (Lamk) Taub	Leguminosae
49	पानी धावडा	Panidhaoda	Anogeissus acuminata, wall	combretaceae
50	पापडा	Papra	Gardenia latifolia, Ait	Rubiaceae
51	रोहण	Rohan	Sumida febrifuga, A. Juss	Meliaceae
52	सागौन	Sagon	Tectona grandis, L.	Verbenaceae
53	साजा	Saja	Terminalia alata, Hayna ex Roxb	Cimbrataceae
54	सलई	Salai	Boswellia serrate, Roxb	Burseraceae
55	साल (सरई)	Sal (Sarai)	Shorea robusta, Gaertn	Dipterocarpaceae
56	सेमल	Semal	Bombax ceiba, L. Salmalia malabaricum D.c. Schoot & Endl.	Malvaceae
57	शीशम	Shisham	Dalbergia latifolia, Roxb	Leguminosae
58	छिन्द (खजूर)	Chhind (Khajur)	Phoenix sylvest, Roxb	Palmae
59	सिरस (काला)	Siras (Kalla)	Albizzia lebbeck, Benth	Leguminosae

60	सफेद सिरस	Safed Siras	Albizia Procera,, Benth	Leguminosae
61	सिस्सू	Sissoo	Dalbergia sissoo, Roxb	Leguminosae
62	सल्फी	Sulphi	Caryota urens, Linn	Palmae
63	सूर्या(टांगन)	Surya	Xylia xylocarpa, Roxb	Leguminosae
64	ताड(तेन्दू)	Tad(Tendu)	Borassus flabellifer, Linn	Palmae
65	तेन्दू	Tendu	Diospyros melanoxylon, Roxb(Diospyros tomentosa, Roxb)	Ebenaceae
66	तिलवां	Tilwan	Exert, D.C	Rubiaceae
67	तिन्सां	Tinsa	Ougeinia oojeinensis, (Roxb)Hochreut	Leguminosae



(के.आर. बड़ाई)

भा.व.से.

वनमंडलाधिकारी

दन्तेवाड़ा वनमण्डल,

दन्तेवाड़ा (छ.ग.)