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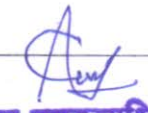
FORM-IV

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

<p>1. Project Details :</p> <p>I. Short narrative of the proposal and project/scheme for which the forest land is required.</p> <p>II. Map showing the required forest area, boundary of the adjoining forest and item wise break-up of the required forest area for different purpose (to be authenticated by an officer not below the rank of Deputy Conservator of Forests).</p> <p>III. Total cost of the project.</p> <p>IV. Justification for locating the project in the forest area giving alternatives examined and reasons for their rejection.</p> <p>V. Financial and social benefits.</p> <p>VI. Employment generated.</p>	<p>I. Diversion of 185.017 Ha. of forest land for Chhal OC Seam III 6 MTY Project of SECL in Raigarh District of Chhattishgarh.</p> <p>II. Total area of Forest land proposed to be diverted : 185.017 Ha. Item wise break-up : a) Protected forest : 176.710 ha. b) Revenue forest : 8.307 ha. Map showing the required forest area is enclosed.</p> <p>III. 61063 Lacs.</p> <p>IV. There is coal (natural resources) belowground under the applied forest land area of 185.017 ha. which needs to be extracted for the development of the nation.</p> <p>V. 1. Population growth & In-migration 2. Human settlement & Resettlement/Rehabilitation. 3. Transport & communication 4. Income & Employment 5. Civic amenities & Community development 6. Educational facilities & Literacy drive 7. Economic growth 8. Growth of financial revenues(State & Central) 9. Social status growth</p> <p>VI. 447 permanent/regular employment is likely to be generated.</p>
<p>2. Location of the project/scheme :</p> <p>I. State/Union territory.</p> <p>II. District.</p> <p>III. Forest Division, Forest Block, Compartment etc.</p>	<p>I. Chhattishgarh</p> <p>II. Raigarh</p> <p>III. Dharamjaigarh, Chhal(Kudekela) Range</p>



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<p>3. Item-wise break-up of the total land required for the project of the scheme along with its existing land use.</p>	<p>Non-forest land 1157.843 Ha. and Forest land 185.017 Ha. Existing land use(Total land : 1342.86 ha.)</p> <ol style="list-style-type: none"> Tenancy/Agriculture land : 825.684 ha. Forest land : 185.16 ha. Govt. land : 332.016 ha. <p>Break-up of Govt. land is as follows :</p> <ol style="list-style-type: none"> Grazing land : 31.632 ha. Water body : 23.426 ha. Waste land : 228.649 ha. Others : 48.309 ha.
<p>4. Details of forest land involved :</p> <ol style="list-style-type: none"> Legal status of the forest(namely, reserve, protected/unclassed etc.) Details of flora and fauna existing in the area. 	<p>I. Protected Forest :- 176.710 Ha. Revenue Forest : - 8.307 Ha. Total :- 185.017 Ha.</p> <p>II. Details of flora and fauna <u>The summarized list of flora within the study area</u></p> <ol style="list-style-type: none"> Upper canopy : Sal (Shorea robusta), Saja (Terminalia tomentosa), Dhobin (Dalbergia paniculata), Harra (Terminalia chebula), Bhirra (Chloroxylon swietenia), Amaltas (Cassia fistula), Tendu (Diospyros melanoxylon), Jamun (Syzigium cumini), Lendia (Lagerstromia parviflora), Aonla (Emblia officinalis), Bhilwa (Semicarpus anacardium), Mahua (Madhuca indica), Semul (Boxbax ceiba). Undergrowth Dudhi (Hollarrhena), Chhind (Phoenix acaulis), Dhawai (Woodfordia floribunda), Dikamali (Gardenia Lucinda), Sendhuri (Mallotus philippensis), Marorpal (Heliotropis ixora) Grasses Bhurbhusi (Eragrostis tenella), Doob (Cynodon dactylon), Phuli (Apuda mutica), Bhunad (Anthistiria ciliate), Kusal (Heteropogon contortus), Rusa (Cymbopogon). Climbers : Palasbel (Butea suerba), Gurar (Millittia auriculata), Kalsibel (Vntilago calyculata).


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	<p>The summarised list of fauna within the study area.</p> <p>1. Wild Animals : Hare (<i>Lepus nigricolis</i>), Langur (<i>Presbytis entellus</i>), Sloth bear (<i>Melupsus ursinis</i>), jackal (<i>Canis indicus Kola</i>), Stripped (<i>Funumbulus palamarum squirrel</i>), Indian bus (<i>Suncus caeruleus rat</i>).</p> <p>2. Wild Birds : Bater (<i>Cotarnix xocommunis</i>), Red Turtle Dove (<i>Streptopelia tranguabaricus</i>), Jungle crow (<i>Corvus macrohynchos</i>).</p> <p>3. Reptiles : Large land monitor lizard (<i>Varanus sivalensis</i>), Girgit (<i>Calotes verticolar Sitana ponticeriana</i>, <i>Riopa linetta</i>).</p> <p>4. Snakes : Rat Snakes (<i>Zamenis mucosus</i>), Water snake (<i>Hydrophis sps</i>).</p> <p>5. Fishes: Common local fishes are found.</p>
III. Density of vegetation.	III. 0.4 to 0.6
IV. Species-wise and diameter class-wise abstract of trees.	IV. Enclosed.
V. Vulnerability of the forest area to erosion, whether it forms a part of a seriously eroded area or not.	V. No.
VI. Whether it forms a part of national park, wild life sanctuary, nature reserve, biosphere reserve etc and if so, details of the area involved. (Specific comments of the Chief wildlife warden to be annexed).	VI. No.
VII. Item-wise break-up of the forest land required for the project/scheme for different purposes.	VII. Protected forest 176.710 ha. and Revenue forest 8.307 ha. (Total 185.017 ha.) required for the purpose of mining of coal.
VIII. Rare endangered species of flora and fauna found in the area.	VIII. Flora : Rare endangered species found : None. Fauna : Rare endangered species Lomri, Neola, Girgit, Python, Rat snakes.

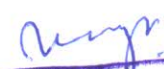
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<p>IX. Whether it is a habitat for migrating fauna or forms a breeding ground for them.</p> <p>X. Any other significance of the area relevant to the proposal.</p>	<p>IX. No</p> <p>X. NA</p>
<p>5. Details of displacement of people due to the project :</p> <p>I. Total number of families involved in displacement.</p> <p>II. Number of Scheduled Cast/Scheduled Tribe families involved in displacement.</p> <p>III. Detailed rehabilitation plan.</p>	<p>I. Total nos. of families 450</p> <p>II. Scheduled Cast families 75 nos. Scheduled Tribe families 159 nos.</p> <p>III. There are six villages viz. Khedapali, Bandhapali, Chhal, Nawapara, Chandrasekharpur(Edu) & Lat village, wholly or partly located in the block. The no. of PAPs & PAFs are 675 & 450 respectively. Rehabilitation & Resettlement of PAPs & PAFs will be done following the State R&R provisions & CIL R&R Policies. The involved homesteads will be suitably shifted in rehabilitation sites of 23.31 ha.</p>
<p>6. Details of compensatory afforestation scheme :</p> <p>I. Details of non-forest area/degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch.</p> <p>II. Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.</p> <p>III. Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure etc.</p>	<p>I. Total 370.034 ha. of Orange forest area has been identified at Chitrakote forest range of Bastar Forest Division for Compensatory Afforestation. Total nos. of patches, size of each patch is as detailed below :</p> <ol style="list-style-type: none"> 1. Chitrakote F - 144.717 ha. 2. Kuthar A - 58.000 ha. 3. Ashrampara A (Koder)- 45.840 ha. 4. Patelpara Marikoder - 34.800 ha. 5. Marenga Patelpara - 86.677 ha. <p>II. Enclosed</p> <p>III. Enclosed</p>


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<p>IV. Total financial outlay for compensatory afforestation scheme</p> <p>V. Certificates from competent authority regarding suitability of area identified for compensatory afforestation for afforestation and from management point of view. (To be signed by an officer not below the rank of deputy conservator of forests).</p>	<p>IV. Enclosed</p> <p>V. Enclosed</p>
<p>7. Details regarding Transmission Lines(only for transmission Line Proposal)</p> <p>I. Total length of the Transmission Line.</p> <p>II. Length passing through forest area</p> <p>III. Right of way.</p> <p>IV. Number of Tower to be erected.</p> <p>V. Number of Tower to be erected in forest area.</p> <p>VI. Height of transmission Tower.</p>	<p>NA</p>
<p>8. Details of irrigation Hydel Project(only for irrigation/Hydel project)</p> <p>I. Total catchment area.</p> <p>II. Total command area.</p> <p>III. Full reservoir Level.</p> <p>IV. High flood Level.</p> <p>V. Minimum Drawal Level.</p> <p>VI. Break-up area falling in catchment area of the project.(Forest land, cultivated land, pasture land, human cultivation, others)</p> <p>VII. Area of submergence at high flood level.</p>	<p>NA</p>

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<p>VIII. Area of submergence at full Reservoir level.</p> <p>IX. Area of submergence at 2 meter below full Reservoir Level.</p> <p>X. Area of submergence at 4 meter below full Reservoir Level (For Medium and major projects only).</p> <p>XI. Area of submergence at high flood level.</p> <p>XII. Area of submergence at full Reservoir level.</p> <p>XIII. Area of submergence at 2 meter below full Reservoir Level.</p> <p>XIV. Area of submergence at 4 meter below full Reservoir Level (For Medium and major projects only).</p> <p>XV. Area of submergence at minimum Drawal Level.</p> <p>XVI. Detailed catchment outlays and details regarding availability of funds for Catchment area treatment plants.</p>	NA
<p>9. Details regarding Road / Railway Lines (Only for Road /Railways lines proposal)</p> <p>I. Length and width of the strip and forest area required.</p> <p>II. Total Length of the road.</p> <p>III. Length of the road already constructed.</p> <p>IV. Length of the road passing through the forest,</p>	NA
<p>10. Details regarding mining proposal (Only for mining proposal)</p> <p>I. Total mining lease area and forest required.</p> <p>II. Period of mining lease proposed.</p> <p>III. Estimated reserve of each mineral / ore in the forest area and in the non forest area.</p> <p>IV. Annual estimated production of mineral / ore.</p>	<p>I. 1342.86 Ha.</p> <p>II. 30 Years</p> <p>III. Estimated reserve of mineral(Coal) in the forest area : 36 million tonnes.</p> <p>Estimated reserve of mineral(Coal) in the non-forest area : 115 million tonnes.</p> <p>IV. 6.0 MTY</p>


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V. Nature of mining operation (opencast) / underground)	V. Opencast
VI. Phased reclamation plan.	VI. Enclosed
VII. Gradient of the area where mining would be undertaken.	VII. Flat topography
VIII. Copy of the Lease Deed (to be attached only for renewal purposes)	VII. NA
IX. Number of laborers to be employed.	IX. Departmental manpower= 296 Outsourced manpower = 350 (approx.) Others = 150 (approx.)
Area of forest land required for : a) Mining b) Storing mineral / ore. c) Dumping of overburden. d) Storing tools and machinery. e) Construction of building power station, workshop, etc. f) Township / Housing colony. g) Construction of road / ropeway / railway lines. h) Full land use plan of forest area required.	Area of forest land required for a) Mining 185.017 Ha. b) Storing minerals/Ore : Nil c) Dumping of Overburden : Nil d) Storing tools & Machineries : Nil e) Construction of building power station, workshop etc. : Nil f) Township/Housing colony : Nil g) Construction of road/ropeway/railway lines : Nil h) Full land use plan of forest area required : As-above.
X. Reasons why any of the activities, referred to in (a) to (h) above under the project for which forestland has been asked for cannot be undertaken / located outside forest area.	X. There is coal (natural resources) belowground under the applied forest land area of 185.017 ha. which needs to be extracted for development of the nation.
XI. The extent of damage likely to be caused and the number of trees affected on account of mining and related activities.	XI. Extent of damage : Number of trees affected on account of mining and related activities : 74,284.
XII. Distance of the mining area from perennial water courses, national and state highway national parks sanctuaries and biosphere reserves.	XII. River Mand flowing in the south side of Mining area and State highway no. 22 of about 04 km length is passing through the mid of the mining area.
XIII. Procedure for stocking of the topsoil for reuse.	XIII. Top soil shall be stocked/placed on a stable area, not disturbed & protected from wind and water erosion, unnecessary compaction


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XIV. Extent of subsidence expected in underground mining operations and its impact on water, forest and other vegetation.	and contamination which lessen the capability of the materials to support vegetation when redistributed.
11. Cost-benefit analysis.	XIV. Excavation shall be done by Opencast mining method. Report enclosed
12. Whether clearance from environmental angle is required (yes/no) if yes, whether requisite details for the same have been furnished (yes/no)	Yes. Yes
13. Whether any work in violation of the Act has been carried out (yes/no) if yes	No.
I. Details of the same including date of commencement.	I. NA
II. Officers responsible for violation of the Act.	II. NA
III. Action taken/being taken against erring officers.	III. NA
IV. Whether work in violation of the Act is still in progress.	IV. NA
14. Any other information.	NA


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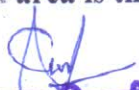

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15. Detailed opinion of the Chief Conservator of Forest/Head of the Forest Department concerned covering the following aspects namely.
- I. Out-turn of timber, fuelwood and other forest produce from the forest land involved.
 - II. Whether the district is self-sufficient in timber and fuelwood, and
 - III. The effect of the proposal on
 - a) Fuelwood supply to rural population
 - b) Economy and livelihood of the tribal and backward communities.
 - IV. Specific recommendations of the chief Conservator of Forest/Head of the forest Department for the acceptance or otherwise of the proposal with reasons thereof.

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 .


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 Signature of the authorized
 Officer of the state Government/Authority

N.B.1. While Furnishing details of flora and fauna, the Species should be described by their scientific names.


N.B.2. If the space provided above is not sufficient to specify any information, please attach separate details /documents.

Footnote

The principal rules were notified vide Number G.S.R. 719 dates.....and subsequently amended vide

1.G.S.R

2.G.S.R


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