

FORM-IV

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

1	Project details :	
I.	Short narrative of the proposal and project/scheme for which the forest land is required.	Diversion of Forest land for non-forest Purpose under Forest Conservation Act, Proposed for the Gare Pelma Sector-II Coal Block has been allotted to Maharashtra State Power Generation Company Limited (MAHAGENCO) Coal Block is located in the Mand Raigarh.
II.	Map showing the required forest area, boundary of 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).	Enclosed
III.	Total cost of the project.	Rs. 3.00 lacs Crores
IV.	Justification for locating the project in the forest area giving alternatives examined and reasons for their rejection.	The Gare Pelma Sector-II Coal Block has been allotted to Maharashtra State Power Generation Company Limited vide order No. 103/30/2015/NA date. 31 August 2015. Detailed exploration of Gare Pelma sector- II Coal block has been carried out by Mineral Exploration Corporation Limited. The Coal Block occupying an area of 2583.486 ha. & has Geological reserves of 1059.298 MT. It is proposed to produce coal from this block at 23.60 MTPA (22 MT From Opencast & 1.60 MT form Underground Method). Detailed note on Justification is attached.
V.	Financial and social benefits.	<ol style="list-style-type: none"> 1. Population growth and immigration 2. Transport and communication. 4. Income and employment. 5. Civic amenities and community deveopment. 6. Educatioal Facilities and literacy drive. 7. Economic growth. 8. Growth of financial revenues (State and Central). 9. Social status growth.
VI.	Employment generated.	Permanent Employment Generated 3400 Temporary Employment Generated 970
2	Location of the project/scheme:	
I.	Sate/Union territory.	Chhattisgarh

II.	District.	Raigarh		
III.	Forest Division, Forest Block, Compartment etc.	Raigarh, Pata Forest Block Compartment No. 744P Range- Tamnar. Dholnara Forest Block Comptt. No. 732P Range- Tamnar. Saraitola Forest Block Comptt. No. 741P Range- Tamnar, Mudagaon Forest Block Comptt. No. 740P Range- Tamnar, & Kelo Forest Block Comptt. No. 745P Range- Tamnar		
3	Item-wise break-up of the total land required for the project /scheme along with its Existing land use.	S. No.	Perticulars	Total Land (ha.)
		(A)	Infrastructure Area	3.007
		(B)	Excavation Area	175.792
		(C)	Green belt	36.070
			Total :-	214.869
4	Details of forest land involved :			
I.	Legal status of the forest (namely, reserve, protected/ in classed etc.)	Reserve Forest land : 0.000 ha. Protected Forest land: 99.735 ha. Revenue Forest land : <u>115.134 ha.</u> Total:- 214.869 ha.		
II.	Details of flora and fauna existing in the area.	Enclosed		
III.	Density of vegetation.	0.4 to 0.5		
IV.	Species-wise and diameter class wise abstract of trees.	Enclosed		
V.	Vulnerability of the forest area to erosion, whether it forms a part of a seriously eroded area or not.	No, It does not form a part of a seriously eroded area.		
VI.	Whether it forms a part of national park, wildlife sanctuary, nature reserve, biosphere reserve, etc and if so, details of the area involved. (Specific comments of the Chief Wildlife warden to be annexed)	No, The Gare Pelma Coal Block Sector-II is not effected from national park, wild life sanctuary, nature reserve & biosphere reserve.		
VII.	Item-wise break-up of the forest land required for the project/scheme for different purposes.	Reserve Forest land : 0.000 ha. Protected Forest land: 99.735 ha. Revenue Forest land : <u>115.134 ha.</u> Total (214.869 ha.) required for the purpose of Mining of Coal		
VIII.	Rare endangered species of flora and fauna found in the area.	No		
IX.	Whether it is a habitat for migrating fauna or forms a breeding ground for them.	No		
X.	Any other significance of the area relevant to the proposal.	No		
5	Details of displacement of people due to the project:			
I.	Total number of families involved in displacement	2245		
II.	Number of Scheduled Caste/Scheduled tribe families' involved in displacement	1436		
III.	Detailed rehabilitation plan.	Enclosed		

6	Details of compensatory afforestation scheme	
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.	NILL
II.	Map showing non- forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	NILL
III.	Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.	NILL
IV.	Total financial outlay for compensatory afforestation scheme	NILL
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)	Enclosed
7	Details regarding Transmission Lines (only for transmission Line Proposal)	
I.	Total length of the Transmission Line.	NA
II.	Length passing through forest area	NA
III.	Right of way.	NA
IV.	Number of Towers to be erected.	NA
V	Numbers of Towers to be erected in forest area.	NA
VI	Height of transmission Towers.	NA
8	Details of irrigation Hydel Project (only for irrigation/Hydel Project)	
I.	Total catchment area.	Not applicable
II.	Total command area	
III.	full reservoir Level.	
IV.	High Flood Level.	
V.	Minimum Drawal Level.	
VI.	Break-up area falling in catchment area of the project, (Forest land, cultivated land, pasture land, human cultivation, others)	
VII.	Area of submergence at high flood level.	
VIII.	Area of submergence at full Reservoir	

	level.	
IX.	Area of submergence at 2 metre below full Reservoir Level.	
X.	Area of submergence at 4 metre below full Reservoir Level (For Medium and major projects only).	
XI.	Area of submergence at high flood level.	
XII.	Area of submergence at full Reservoir level.	
XIII.	Area of submergence at 2 metre below full Reservoir Level.	
XIV.	Area of submergence at 4 metre below full Reservoir Level (For Medium and major projects only).	
XV	Area of submergence at minimum Drawal Level.	
X	Detailed catchment outlays and details regarding availability of funds for Catchment area treatment Plant.	
9	Details regarding Road/Railway Lines (Only for Road/Railway lines proposal)	
I.	Length and width of the strip and forest area required.	Not applicable
II.	Total Length of the road.	
III.	Length of the road already constructed.	
IV.	Length of the road passing through the forest,	
10	Details regarding mining proposal (Only for mining proposal)	
I.	Total mining lease area and forest required.	Total Mining Lease Area – 2583.487 ha. Including Forest land Area- 214.869 ha.
	Period of mining lease proposed.	77 years
III.	Estimated reserve of each mineral/ore in the forest area and in the non-forest area.	Total 1059.298 MT O/C- 736.105 MT U/G- 323.193 MT
IV.	Annual estimated production of mineral/ore.	O/C- 22.00 MTPA U/G- 1.6 MTPA

V.	Nature of mining operation (open cast /underground)	OC and UG
VI.	Phased reclamation plan.	Enclosed
VII.	Gradient of the area where mining would be undertaken.	Min. 8.69 m Max 203.57 m Av Stripping Ratio 4.99 (m3/t)
VIII.	Copy of the Lease Deed (to be attached only for renewal purposes)	NA
IX.	Number of laborers to be employed.	3400
	<u>Area of forest land required for:</u>	
	a) Infrastructure Area	3.007 ha.
	b) Excavation Area	175.792 ha.
	c) Green Belt	36.070 ha.
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.	There is coal (natural resources) below the applied forest land 214.869 Hectares, 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.	Extent of damage Number of trees affected on account of mining and related activities is 3684 nos. of trees.
XII.	Distance of the mining area from perennial water courses national and State highway, national parks, sanctuaries and biosphere reserves.	NO
XIII.	Procedure for stocking of the top soil for reuse.	The Top Soil shall be stocked/placed do not distrubed and protected from wind and water erosion, unnessesary compuction and contamination which lessen the capability of the materials to support vegetation when redistributed.
XIV.	Extent of subsidence expected in underground mining operations and its impact on water, forest and other vegetation.	Extraction shall be done by Open Cast mining method.
11	Cost-benefit analysis.	Enclosed.
12	Whether clearance from environmental angle is required (Yes/No)	Yes.

	If Yes, Whether requisite details for the same have been furnished (Yes/No)	Ministry of Environment, Forest and Climate Change IA-II (Coal Mining) Division has issued Environment Clearance certificate vide letter No. J-11015/72/2016-IA.II(M) date 08 August 2016
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.	No
II.	Officers responsible for violation of the Act.	No
III.	Action taken/being taken against erring officers.	No
IV.	Whether work in violation of the Act is still in progress.	No
14	Any other information.	No
15	Details of Certificates/ documents enclosed	Enclosed
16	Detailed opinion of the Chief Conservator of Forest/Head of the Forest Department concerned covering the following aspects, namely:	
I.	Out-turn of timber, fuel wood and other forest produce from the forest land involved.	Timber-236.771 Cubic meters Fuel wood- 174.003 Cubic meters
II.	Whether the district is self - sufficient in timber and fuel wood, and	Sufficient quantity of Timber & Fuel Wood is available in the District.
III.	The effect of the proposal on a) Fuel wood supply to rural population b) Economy and livelihood of the tribal and backward communities.	Since the Proposed forest area of diversion is only 214.869 ha. hence it will not (a) effect the fuel Wood supply to rural Population. (b) No effect on Livelihood.
IV.	Specific recommendations of the chief Conservator of Forests/ Head of the forest Department for acceptance or otherwise of the proposal with reasons thereof.	The Proposal can be accepted.

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.

(*डॉ. प्रणय मिश्रा*)
Signature of the authorized
Officer of the State Government/Authority
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