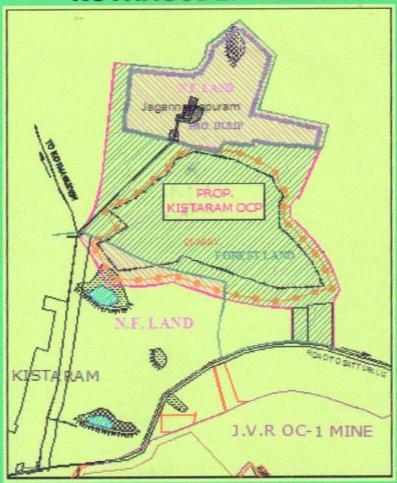


# The Singareni Collieries Company Limited (A Govt. Company)

### **KOTHAGUDEM AREA**



APPLICATION FOR DIVERSION OF 285.44 Ha.

FOREST LAND FOR KISTARAM OCP

(UNDER F @ ACT-1980)



1

### The Singareni Collieries Company Limited

( A Government Company )

Kothagudem Area.

Phone: 08744 – 250521 Fax: 08744 – 250536

PO: Venkatesh Khani - 507 103

Ref. No.KGM/EST/130/248

Date: 21.11.2009.

To
The Prl. Chief Conservator of Forests,
Govt. of Andhra Pradesh,
Aranya Bhavan,
HYDERABAD.

Kind Attention of Addl. Prl. CCF & Nodal Officer.

Sir,

Sub: Application for diversion of 285.44 Ha. Forest land in Lankapalli RF, Sattupalli Range of Khammam Division in favour of M/s. Singareni Collieries Company Limited for Kistaram Opencast Project in Sattupalli Mandal, Khammam District – Reg.

Kind attention is invited to the subject cited above.

- 2. It is to submit that, to meet the ever increasing demand for Coal and the targets set by Government of India, the Singareni Collieries Company Limited (SCCL) has proposed to increase Coal production by opening new projects and expansion of existing mines. Accordingly, it has been planned to open Kistaram OCP towards North side of the existing JVR OC-I (formerly named as Sathupalli OCP-I).
- 3. Kistaram OCP requires 435.68 Ha. of land, of which 285.44 Ha. is Forest land. The total Coal reserves of the mine are 21.61 Million Tonnes of which about 20.71 Million Tonnes of Coal has been located in Forest land in Compartment Nos. 160 (part), 161 (part) & 162 (part) of Lankapalli Reserve Forest, Sattupalli Range of Khammam Division, Andhra Pradesh.
- 4. It is to state that, Ministry of Environment & Forests, vide letter No. 8-129/2003-FC dated 02.02.2005 sanctioned diversion of 244.02 Ha. of Forest land in Lankapally RF in Sattupalli Range of Khammam Division in Andhra Pradesh for JVR OC-I Mine (formerly Sattupalli OCP-I). On 30.11.2006, proposal for diversion of 136.50 Ha. Forest land for expansion of JVR OC-I Mine was submitted to the Forest Department and it was processed and forwarded to MoEF for approval. Further on 16.08.2008, proposal for diversion of 776.20 Ha. Forest land for JVR OC-II Mine at Sattupalli was also submitted to the Forest Department and it is also under process.

- 5. Kistaram OCP is planned to produce 2.00 Million Tonnes of Coal per annum with a Net capital outlay of Rs.194.03 Crores and has a life of 20 years (including pre-mining and post mining activities). This project provides direct employment to 370 persons. The Nation will be benefited by achieving increased coal production by exploiting coal reserves of the project and also gets benefited financially due to additional income by way of Royalty, Excise Duty, Sales Tax and Electricity supply continuously. Further, this project will contribute benefit to the society by way of increased employment resource direct and indirect in nature with resultant improvement in standard of living, rise in per capita income of the population of surrounding villages of this area.
- 6. The details relating to total Forest land already diverted at Kothagudem Area, their current use, details of reclamation, plantation carried out so far, environmental and biological engineering measures are being taken and proposed to be taken etc., are furnished in the enclosed statements (Annexure-I, IA & IB).
- 7. Regarding CA land it is to submit that, the Singareni Collieries Company Limited has already identified equivalent extent of Non-forest land in Eluru Forest Division of West Godavari District. The details are furnished in Form—"A" under Part I.
- 8. The application (Form-A) for prior approval under Section 2 of F (C) Act 1980 Part-I duly filled in seven (7) sets is submitted. The lease of the Forest land is required for a period of 20 years.
- 9. Therefore, it is requested to kindly arrange to process and forward the application to Government of India through Govt. of Andhra Pradesh for prior approval for diversion of 285.44 Ha. of Forest land for Kistaram Opencast Project for a period of 20 years.

Encl:- As above.

Yours faithfully,

General Manager, Kothagudem Area.

Copy to:

The Conservator of Forests, Khammam. The Divisional Forest Officer, Khammam.

for favour of information please.

The Divisional Forest Officer, Eluru with a request to prepare C.A. scheme for the C.A. land identified in Eluru Division.

## CHECK LIST FOR PROPOSAL UNDER FOREST (CONSERVATION) ACT 1980.

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Application for diversion of 285.44 Ha. Forest land in Lankapalli RF, Sattupalli Range of Khammam Division in favour of M/s. Singareni Collieries Company Limited for Kistaram OCP in Sattupalli Mandal of Khammam District, Andhra Pradesh.

SL NO	NAME OF DOCUMENT	PAGE NO OF PROPOSAL	REMARKS
01	INFORMATION IN PROFORMA AS PER RULE (6) OF F(C) RULES	1 to 5	Furnished
02	CERTIFICATE FROM THE PROJECT AUTHORITY THAT DEMAND FOR FOREST LAND FOR THE PROJECT IS MINIMUM.	29	Annexure-V (Enclosed)
03	CERTIFICATE FROM THE COLLECTOR/DEPUTY COMMISSIONER THAT NO ALTERNATIVE SUITABLE NON-FOREST LAND IS AVAILABLE FOR THE PROJECT.	24 & 25	Annexure-IIA (Enclosed)
04	AREA STATEMENT FOR FOREST AREA REQUIRED FOR THE PROJECT i.e., SURVEY NO/COMPARTMENT NO. ITEM-WISE REQUIREMENT OF FOREST AREA FOR THE PROJECT VIZ., DAM, SEAT, SUBMERGENCE, CANAL ETC.	4, 36 & 37	Plan No 3 & 4 (Enclosed)
05	AREA STATEMENT FOR NON-FOREST AREA REQUIRED FOR THE PROJECT.	4	Furnished
06	INDEX MAP IN SUTABLE SCALE.	34	Plan No.1 (Enclosed)
07	MAP OF FOREST AREA REQUIRED INDICATING CLEARLY FOREST BOUNDRIES AND ADJOINING LAND USE IN SUITABLE SCALE IN DISTINCT COLOUR TO BE COUNTERSIGNED BY THE DY.CONSERVATOR OF FORESTS AND PROJECT AUTHORITY.	35	Plan No. 2 (Enclosed)
08	CONTOUR MAP OF THE PROJECT SITE.	39	Plan No.6 (Enclosed)
09	UNQUALIFIED COMMITMENT FROM PROJECT AUTHORITY TO BEAR THE COST OF EXTRACTION OF TREES AND THE COST OF COMPENSATORY AFFORESTATION.	28	Annexure-IV (Enclosed)
10	STATEMENT SHOWING SPECIES WISE ABSTRACT OF TREE GROWTH IN FOREST AREA REQUIRED FOR THE PROJECT.		-
11	CERTIFICATE FROM THE DY.CONSERVATOR OF FORESTS AND PROJECT AUTHORITY STATING THAT NO VIOLATION OF THE PROVISIONS OF F © ACT, 1980 OCCURRED.	30	Annexure-VI (Enclosed)
12	IF THE VIOLATION OF THE ACT OCCURED THEN A NOTE GIVING CIRCUMSTANCES LEADING TO VIOLATION, DATE OF COMMENCEMENT OF WORK QUANTITY OF WORK DONE AND AMOUNT SPENT. DY. CONSERVATOR OF FORESTS TO CERTIFY ABOUT THE DETAILS OF WORK DONE IN VIOLATION OF THE ACT AFTER SITE INSPECTION. NAME OF THE PERSONS RESPONSIBLE IN VIOLATIONS OF THE ACT BE ALSO REPORTED AND ACTION TO BE TAKEN AGAINST THEM BE REPORTED.		No Violation
13	IN CASE THE WORK IS STARTED IN NON-FOREST AREA IN VIOLATION OF THE GUIDELINES THEN DETAILS OF THE SAME BE ALSO FURNISHED. IN CASE THE WORK IS CARRIED OUT IN FOREST AREA AS PER COURT'S ORDER THEN DETAILS OF COURT CASE AND THE WORK DONE BE FURNISHED. IN EITHER OF THE CASE THE DATE OF STARTING THE WORK, AMOUNT SPENT ON THE WORKS AND DETAILS OF WORK CARRIED OUT BE FURNISHED.	,	No Violation

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AREA 285.44 Ha. PROPOSED TO BE BROKEN UP AFRESH.  M.Tonnes  d) IN CASE MINERALS ARE AVAILABLE IN ALREADY BROKEN UP AREA THEN DETAILED JUSTIFICATION FOR Not applical		b) WHETHER MINERALS ARE AVAILABLE IN BROKEN UP AREA AND IF SO ESTIMATED QUANTITY OF SAME.	E	te.
BROKEN UP AREA THEN DETAILED JUSTIFICATION FOR - Not applical		c) THE ESTIMATED QUANTITY OF MINERALS IN FOREST AREA 285.44 Ha. PROPOSED TO BE BROKEN UP AFRESH.	1-	20.71 M.Tonnes
PROPOSING FRESH AREA FOR MINING PURPOSES.		d) IN CASE MINERALS ARE AVAILABLE IN ALREADY BROKEN UP AREA THEN DETAILED JUSTIFICATION FOR PROPOSING FRESH AREA FOR MINING PURPOSES.		Not applicable

	e) WHETHER RECLAMATION OF WORKED AREA IS CARRIED OUT AND IF SO DETAILS OF THE SAME.	-	w
	1) THE DETAILS OF SAFETY ZONE AREA IN MINING AS PER PARA 4.7 OF THE GUIDELINES. THE UNDERTAKING FROM PROJECT AUTHORITY TO BEAR THE COST OF FENCING THE SAFETY ZONE AREA AND AFFORESTATION OVER ONE AND A HALF TIMES OF DEGRADED FOREST AREA. THE DETAILS OF SAFETY ZONE TO BE ASCERTAINED FROM THE COMPETENT AUTHORITY VIZ., INDIAN BUREAU OF MINES/DEPARTMENT OF GEOLOGY AND MINING OF STATE GOVERNMENT.  A COPY OF THE APPROVED MINING PLAN BE ENCLOSED	28 & 38	Plan No.5 & Annexure-IV (Enclosed)
	WITH THE PROPOSAL.		
	g) IN *CASE WHERE RENEWAL OF MINING LEASE IS RECOMMENDED FOR LESS AREA THEN DATE OF TAKING OVER POSSESSION OF BALANCE AREA BE INDICATED.		Not applicable
	h) WHETHER MAP SHOWING THE FOREST AREA REQUIRED FOR MINING AND CLEARLY INDICATING THE DETAILS OF ADJOINING LAND USE IS ENCLOSED. MAP SHOULD BE PROPERLY INDEXED AND DETAILS OF MINING LEASES IF ANY EXISTING IN ADJOINING AREA SHOULD BE FURNISHED SEPERATELY WITH THE PROPOSAL.	35	Plan No.2 (Enclosed)
	i) IN CASE THE PROJECT AUTHORITY ARE HAVING OTHER MINING LEASES ALSO IN FOREST AREA THEN DETAILS OF THE SAME.	14 to 18	Enclosed
	j) IN CASE THE MINING ACTIVITY WAS CONTINUED AS PER COURTS ORDER THEN BRIEF DETAILS OF THE SAME BE FURNISHED CLEARLY STATING WHETHER MINING IS STILL CONTINUING OR OTHERWISE. THE DETAILS OF WORK CARRIED OUT IN FOREST AREA DURING THE STAY PERIOD AND DATE OF STOPPAGE OF MINING ACTIVITY BE REPORTED.		No Court cases.
	k) STATEMENT SHOWING DETAILS OF MINERALS EXTRACTED DURING LAST TEN YEARS PERIOD AND REVENUE REALISED ETC.		Not applicable
	I) NO OBJECTION CERTIFICATE FROM THE STATE POLLUTION CONTROL BOARD FOR RENEWAL OF MINING LEASE AS PER EXPLANATORY NOTE ANNEXED TO NOTIFICATION NO.2-12013/4/89-1A.1 DATED 27-1-1994 FROM GOVT. OF INDIA REGARDING ENVIRONMENTAL IMPACT ASSESSMENT OF DEVELOPMENT PROJECTS.		will be obtained
27	COPY OF THE ORDER GIVING ADMINSTRATIVE AND TECHNICAL SANCTION TO THE PROJECT.	31	Annexure-VI(a) (Enclosed)
28	CERTIFICATE FROM DY.CONSERVATOR OF FORESTS THAT ALL REQUIRED ANNEXURES AND PARTICULARS PERTAINING TO THE PROPOSAL ARE FURNISHED IN ENGLISH.	9,540.5	
29.	A REPORT ON SOLID WASTE MANAGEMENT AND LAND RECLAMATION FOR DIVERSION OF FOREST LAND OF 567.00 HA. FOR JVR OC-II Mine	51	Annexure - VII (Book let enclosed)
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### The Singareni Collieries Company Limited

(A Government Company)
Kothagudem Area.

Application for diversion of 285.44 Ha. Forest land in Lankapalli RF, Sattupalli Range of Khammam Division, Andhra Pradesh in favour of M/s. Singareni Collieries Company Limited for Kistaram Opencast Project in Sattupalli Mandal, Khammam District.

### FORM - 'A'

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

### PART-I

### 1. Project details:

i) Short narrative of the proposal and project/scheme for which the Forest land is required.

The Singareni Collieries Company Limited (SCCL) is a Government Company jointly owned by Government of Andhra Pradesh and Government of India. It is the only Coal producing Company in the South India meeting the coal requirements of various industries located in South India. The activities of SCCL are spread over in Khammam, Warangal, Karimnagar and Adilabad Districts. The SCCL is presently having 37 Coal Mining Leases spread over in the above four Districts. In these sanctioned mining leases, SCCL is operating 36 Underground mines and 14 Opencast mines and produced 44.44 Million Tonnes of Coal in 2008-09. The production target for 2009 – 10 is 50.40 Million Tonnes.

In order to meet the ever-increasing demand for Coal and to achieve the targets fixed by the Government of India, the SCCL has embarked upon large-scale expansion of Coal mining to increase coal production. Kistaram Opencast Project is one of the new projects identified in Sattupalli Range of Khammam Forest Division.

In Sattupalli area, details of Forest land/Non-forest land already diverted/acquired and diversion proposals are under process are shown in the enclosed statement (Annexure-IIB).

For the proposed Kistaram OCP, the total land requirement is 435.68 Ha. of which, 285.44 Ha. is Forest land and the area is situated towards North side of existing JVR OCP-I (formerly named as Sattupalli OCP-I).

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The present application is for diversion of Forest land of 285.44 Ha. in Compartment Nos.160 (Part), 161 (Part), & 162 (Part) of Lankapalli RF in Sattupalli Range of Khammam Division. The total Forest land is required for mining and its allied activities

The KISTARAM OCP is planned to produce 2.00 Million Tonnes of Coal per annum with a net capital out lay of 194.03 Crores and has a life of 20 years including pre-mining and post mining activities. The estimated reserves of Kistaram OCP is 21.61 Million Tonnes, of which 20.71 Million Tonnes are logated in Forest land. This project provides direct employment to 370 persons. Further, the Nation will be benefited by achieving increased coal production by exploiting coal reserves of the project and also gets benefited financially by way of Royalty, Excise Duty, Sales Tax and Electricity supply continuously. Further, this project will also contribute benefit to the society by way of increased direct and indirect employment resources resultant improvement in standard of living and rise in per capital income of the population of surrounding villages of this area.

Regarding C.A. land, Singareni Collieries Company Limited identified Govt. Non-forest land to an extent of 285.44 Ha. as detailed below:-

SI. No.	District	Forest Division	Forest Range	Mandal	Village	Extent (Ha.)
1.	West Godavari	Eluru	Kannapuram	Buttaigudem	Gogumilli	140.99
2.	Godavan				Munjuluru	48.90
3.	1				Chamanpalli	31.58
4.			*		Orrinka	63.97
		0 (A S)		<del></del>	Total:	285.44

Copies of Charge Certificates, Non-encumbrance Certificates, Mutation Certificates and Plans of Non-forest land handed over for C.A. are enclosed.

The Safety Zone area along the Quarry towards adjacent Reserved Forest land is 1.36 Ha. having 7.50 Mtrs. width. Therefore, the SCCL undertakes to bear the cost of Compensatory Afforestation charges over an extent of 2.04 Ha. (1 ½ times of Safety Zone area of 1.36 Ha.) in degraded Forest land. Further, it undertakes to bear the cost of fencing the Safety Zone area also. (Annexure-IV).

In this connection, it is to state that the following physical features are existing in the area, which are to be diverted/shifted:

- a) Transmission Line (Over Head Power Transmission lines) to a length of about 1.5 Kms. belonging to AP TRANSCO.
- b) Road to a length of 1.20 KMs. belonging to R & B.

The following course of action is being initiated to divert/shift the above:

### a) Shifting of Over head Power Transmission Lines:

Overhead Transmission lines are supplying power to Jagannadapuram Village including the agricultural purpose. The entire Jagannadapuram Village including the agricultural lands are being acquired for accommodating the external dump of OB material. However, SCCL will provide required funds for diversion of the above said Over Head Transmission lines as per AP TRANSCO's requirement.

### b) Diversion of Existing Road:

One Road leading to Jagannadapuram from main road between Cherukupalli to Kistaram, is falling within the proposed mine boundary. Further there is no need of this road since the entire Jagannadhapuram village is to be vacated by implementing R & R package as approved by Govt of Andhra Pradesh.

The details relating to Forest land already diverted in Kothagudem Area, their current use, details of reclamation, plantation carried out so far, environmental and biological engineering measures are being taken and proposed to be taken etc., are furnished in the enclosed statements (Annexure-I, IA & IB).

## ii) Map showing the required Forest land, boundary of adjoining Forest on a 1:50,000 scale map.

Map on R.F. 1:50,000 Scale showing the boundary of Kistaram OCP, Forest land 285.44 Ha. required for diversion, covering Survey of India (Topo sheet) No. 65-C/16 shown on Plan No. 2.

#### iii) Cost of the project:

Rs. 194.03 Crores.

### iv) Justification for locating the project in Forest area.

The Coal reserves are available in Forest land, which is site specific.

-- Annexure -II

### v) Cost-Benefit analysis (enclosed).

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Cost Benefit ratio is 1:25.57. Details furnished in Annexure-VI (b) & VI (c).

### vi) Employment likely to be generated.

Direct employment: 370 persons. Indirect employment: 1850 persons.

### 2. Purpose- wise break-up of the total land required :

(Fig. in Ha.)

SI. No.	Purpose	Forest land	Non-forest land	Total (3 + 4)
(1)	(2)	(3)	(4)	(5)
1.	Quarry including Drain, Bund etc., around Quarry.	200.72	27.30	228.02
2.	External Dumps including Drain, Toe wall etc., around dumps:  a) Top Soil Dump b) Hard OB Dump	13.98 57.73	0.78 122.16	14.76 179.89
3.	Service buildings	4.36	0.00	4.36
4.	CHP & Coal stock yard	8.65	0.00	8. <del>6</del> 5
	Total :	285.44	150.24	435.68

A detailed justification note along with land use plan for the requirement of Forest land for different purposes is enclosed. (Annexure-II).

### 3. Details of displacement of people due to the project, if any:

### i) Number of families.

There is no habitation in the Forest land applied for diversion. However, in the adjacent Non-forest land (required for this project), one village namely Jagannadhapuram consisting of 84 families is existing which is to be shifted

### Number of Scheduled Castes/Scheduled Tribe families.

- a) Scheduled Tribe Families -- 83 Nos.
- b) Non-Scheduled Tribe Families <u>01 Nos.</u> **Total -- 84 Nos.**

ii) Rehabilitation plan.

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As the Singareni Collieries Company Limited is a Government Company, Rehabilitation & Resettlement Plan will be implemented as per the R&R Policy of State Government.

 Whether clearance under Environment (Protection) Act, 1986 required? (Yes/No).

Yes. Necessary clearance under Environment Protection Act will be obtained.

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 (Undertaking to be enclosed).

An Undertaking (Annexure-IV) to bear the cost of raising and maintenance of Compensatory Affforestation and/or Penal Compensatory Afforestation as well as cost for protection and regeneration of Safety Zone, etc., as per the scheme prepared by State Government is enclosed. Further, SCCL also furnishes Undertaking to pay NPV as per the demand issued by the State Forest Department (Annexure-III).

6. Details of Certificates/documents enclosed as required under the instructions.

1. Location Plan - Plan No.1

2. Topographical map showing the area applied for diversion of - Plan No.2 Forest land. (Scale: 1:50,000)

3. Part Management Plan of the proposed area for diversion of - Plan No.3 285.44 Ha. with Forest Compartment Nos.

4. Land Use Plan on 1:5,000 scale - Plan No.4

5. Safety Zone area Plan on 1:5,000 scale - Plan No.5

6. Contour Map (1:5,000) of the Project site. - Plan No.6

7. Plans of the Compensatory Afforestation area. Plan No.7A, 7B & 7C

8. Forest land diverted & its use in Kothagudem Area. - Annexure-I

9. Details of reclamation of OB Dumps and plantation made. - Annexure-IA

Details of Bio-engineering structures constructed on OB - Annexure-IB dumps.

11. Justification note for the requirement of Forest land. - Annexure- II

12. Certificate of ADMG, Khammam stating that Coal is not -Annexure-IIA available in surrounding Non-forest land.

- Details of Forest land/Non-forest land already diverted/acquired -Annexure-IIB and diversion proposals under process in Sattupalli area
- 14. Certificate of undertaking from SCCL to deposit Net Present -Annexure- III Value (NPV).
- 15. Certificate of undertaking from SCCL to deposit funds as -Annexure-IV demanded by Forest Department towards Compensatory Afforestation charges and extraction charges of forest growth in 285.44 Ha.
- 16. Certificate for Forest land required is bare minimum Annexure-V
- 17. Certificate from SCCL that no violation of the provisions of -Annexure-VI F.C. Act, 1980 occurred
- 18. Copy of Administrative approval for the Project.. -Annexure-VI(a)
- 19. Cost-Benefit analysis in respect of Forest land to be diverted. -Annexure VI(b) & VI(c)
- 20. Comprehensive report on solid waste management and land -Annexure-VII reclamation

( CH. VIJAYA RAO )
General Manager,
The Singareni Collieries Company Limited
KOTHAGUDEM AREA.

Date:

Place: Kothagudem.