



The Singareni Collieries Company Limited
(A Government Company)
YELLANDU AREA

Application for prior approval u/s 2 of the Forest (C) Act, 1980 for Diversion of 694.159 Ha. Of Forest land for Koyagudem Opencast-III Project. (KOCP-III), in compt.No.34(P),36, and 37 Chatakonda R.F of Kothagudem forest division, Yellandu area, Bhadradri District, Telangana State.

FORM- 'A'

(Form for seeking prior approval under section 2 of the proposals by the state Govt and other authorities)

PART-I

(To be filled up by user agency)

01. 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 the Government of Telangana and Government of India on 51:49 equity basis. SCCL is currently operating 16 opencast and 32 underground mines in 4 districts viz. Adilabad, Karimnagar, Warangal and Bhadradri of Telangana state.

SCCL is the only coal mining company in Southern India and supplying coal to the major power utilities viz, TSGENCO, APGENCO, KPCL and Maha GENCO and NTPC. Apart from power utilities, coal is also being supplied to cement, captive power plants, steel and other consumers through fuel supply agreements . Further, SCCL is supplying coal to small and medium scale sector units.

After bifurcation of Andhra Pradesh State, Telangana State has become power deficit State. To overcome the power deficit, Government of Telangana has embarked on an action plan for capacity addition of around

6000 MW. SCCL is also constructing a power plant of 1800 MW capacity in Srirampur area of Adilabad District.

With the addition of new power plants, there will be an additional demand to an extent of 40 MT of coal over and above the existing supplies of SCCL. Therefore, SCCL, being a state-owned public sector company, has the responsibility to cater the needs of the new power plants coming up in the State.

Considering the likely expansion of existing power projects and construction of new power units, the production and demand gap will further increase. In view of this the company has undertaken certain fast track opencast projects to increase the production. Koyagudem opencast-III project is one among them. The following statement reveals the future demand-supply gap and justifies planning of additional new projects.

Figures in Million Tonnes

Sl.No	Year	2015-16	2016-17	2017-18	2018-19
1	Demand	64.79	71.39	76.99	92.85
2	Production	60.03	63.00	68.40	72.00
3	Gap	-4.76	-8.39	-8.59	-20.85

The present proposal is for prior approval for diversion of 694.159 Ha. forest land in compartment No. 34(P),36 and 37of Chathakonda R.F. Block Kothagudem Range for Koyagudem Opencast-III Project(KOCP-III.) of S.C.C.L. Yellandu. The total Forest land required for Koyagudem Opencast-III Project is 1156.922 Ha. Of which, 464.839 Ha of land has already been diverted for KOC-I & II, where coal extraction is completed. This decoaled area will be utilized for part dumping and other facilities. The present application is for diversion of 694.159 Ha.(Including regularisation of 2.076Ha) forest land.

The proposed KOC-III is planned for rated capacity of 3.60 MTPA with a peak capacity of 4.80 MTPA. The total mineable Coal reserves are 111.98 MT and OB to be removed is 867.75 M.Cum with an average stripping ratio of 7.75 cum/T. The life of the project is estimated as 30 years.

The present proposal is in tune with the company's plan to optimize the extraction of reserves and to minimize the gap between coal demand and supply by expanding the existing opencast projects, considering their

dip side properties up to an economical depth line. KOC-III is dip side extension of Pit-II (exhausted) and Pit-III of KOC-II property by opencast method up to a maximum depth of 175 m of Queen Seam.

A nallah (drain) flowing between KOC-I dump and Pit-II of KOC-II from north to south is to be diverted to facilitate merging of proposed external dump yard and the internal dump yard to minimize the requirement of land for external dump. The length of proposed diversion is around 3.36 km.

Regarding Safety Zone, SCCL agrees to pay charges for protection and re-generation of the safety zone area (10.476 Ha) and also to pay plantation charges in 1 ½ times area of safety zone i.e., 15.714 Ha. in degraded forest land.

Regarding C.A land, it is to state that the MOEF, vide letter No.11-423/2011-Fc dated 31.01.2013 has accorded status of CPSU to SCCL for the purpose of Compensatory afforestation (Annexure-VII) .Accordingly an under- taking for payment of charges for raising CA in double the extent of degraded forest is also enclosed (Annexure- V).

Lease is required for 30 years for the forest land of 694.159 Ha. proposed for Koyagudem opencast -III Project.

- (ii) **Map showing the required forest land, boundary of adjoining forest on a 1:50,000 Topo sheet.**

The boundary of the Koyagudem opencast –III Project, 694.159Ha. of Forest area applied for diversion and the forest areas so far diverted to KOC-I&KOC-II and RF boundary are marked on 1:50,000 Scale map (Survey of India topo sheet) No: 65C/6 shown on plan no 2.

- (iii) **Cost of the project.**

The Capital requirement for the Project is Rs. 426.79 Crores.

IV) Justification for the project in Forest Area.

The Coal reserves are available in the forest land which is site specific. The detailed Justification note is enclosed as Annexure –I.

V) Cost benefits analysis.(to be enclosed)

Cost benefit analysis ratio isDetails furnished in annexures-VIII & IX.

(Vi) Employment likely to be generated.

Due to opening of this project direct employment will be 220 persons.
Indirect employment will be about 1635 persons.

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

(Figures in Ha.)

Sl No	Description	Total Land Requirement			SCCL acquired Land			Land to be acquired		
		Forest	Non-Forest	Total	Forest	Non-Forest	Total	Forest	Non-Forest	Total
1	Quarry area	373.24	342.09	715.33	70.72	0.00	70.72	302.52	342.09	644.61
2	External Dump Area	641.13	0.00	641.13	345.17	0.00	345.17	295.96	0.00	295.96
3	Safe barrier for the purpose of inspection road, drain, bund & transmission line (including safety zone)	58.342	69.29	127.632	16.559	0.22	16.779	42.48	69.07	111.55
4	CHP and Coal Yard	36.32	15.65	51.97	32.39	0.00	32.39	3.93	15.65	19.58
5	Mine Service Facilities	0.00	7.18	7.18	0.00	0.00	0.00	0.00	7.18	7.18
6	Magazine	0.00	0.36	0.36	0.00	0.00	0.00	0.00	0.36	0.36
7	Diversion of Public road	0.00	3.46	3.46	0.00	0.00	0.00	0.00	3.46	3.46
8	Nallah Diversion including settling tanks	36.30	2.66	38.96	0.00	0.00	0.00	36.30	2.66	38.96
9	Belt Conveyor and railway siding	11.59	9.03	20.62	0.00	0.00	0.00	11.59	9.03	20.62
10	Regularisation(231.91KOCPII&234Ha.KOCPI-I)							2.076	00.00	2.076
	Grand Total	1156.922	449.72	1606.642	464.839	0.22	465.059	694.159	449.50	1143.659

Detailed justification note (Annexure-I) is enclosed.

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

No habitation is existing in the proposed diversion of the Forest Land.

4. 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):

Undertaking to bear the cost for protection & regeneration of safety zone enclosed. Another undertaking to deposit NPV, as per the demand issued by the State Forest Dept. is also enclosed. (Annexure-VI&III)

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

- 1) Index map showing the Koyagudem Opencast-III Project, Yellandu . (Plan No.1).
- 2) Survey of India map showing the project Area and the 694.159 Ha of Forest land applied for diversion and areas already diverted to SCCL and forest boundaries in green colour on 1:50,000 scale. (Plan No. 2).
- 3) Certificate that the demand of forest area is bare minimum (Annexure-II)
- 4) Undertaking to pay the charges for raising Compensatory Afforestation in double the extent of degraded forest land.(Annexure-V)
- 5) Undertaking to bear the cost for protection and regeneration of Safety zone & to pay the plantation charges in 1 ½ times the Safety zone area in degraded Forest land and payment of N.P.V (Annexure-III)
- 6) Justification Note (Annexure-I) for requirement 694.159 Ha. of forest area.
- 7) Undertaking to pay the extraction charges for the tree growth in the proposed area. (Annexure-IV)
- 8) Cost benefits analysis (Annexure-VIII & IX).
- 9) Copy of letter from MOEF, according status of CPSU to the SCCL for the purpose of Compensatory afforestation. (Annexure-X)



General Manager,
The Singareni Collieries Company Limited,
Yellandu Area.

Date :
Place : Yellandu.

State serial No. of proposal.....
(To be filled by the Nodal Officer with date of receipt)