



## THE SINGARENI COLLIERIES COMPANY LIMITED

( A Government Company)

Registered Office : Kothagudem collieries -507101

Dist : KHAMMAM , Andhra Pradesh

Ref No: HYD / PPD /

Dt.: 30-07-2009

### **Invitation for “ Expression of Interest ” (EOI) for Design, supply , Installation & Commissioning of Coal conveying system from SRP OCP to proposed 600 MW Power Plant on Turn Key basis**

#### **1.0 About SCCL:**

The Singareni Collieries Company Limited (SCCL) is a Government Company with equity participation of 51% by Government of Andhra Pradesh and 49% by Government of India . The Company’s mining operations in Godavari Valley Coal field extend from Chintalapudi in the south, to Antargoan in the North, in four major districts of Andhra Pradesh state (A.P) , India

- 2.0 Singareni collieries company limited is proposing to install a 600 MW, coal based Thermal power plant at Pegadapalli village, Jaipur Mandal near Mancherial in Adilabad District of Andhra Pradesh.
- 3.0 The plant requires about 2.5 Million tonnes of coal annually for its rated power generation. It is also proposed to meet the entire coal requirement of the proposed plant from nearby SRP OC Project which is situated at a distance of about 11 km from the proposed plant site.
- 4.0 SCCL is proposing to transport the coal from SRP OC Mine to the plant site through Belt conveying system, maintaining environmental friendly atmosphere.
- 5.0 Objective of Expression of Interest  
The objective of the this EOI is to obtain the technical details along with terms and conditions for the design, supply, installation, testing and commissioning and handing over the belt conveying system of 1000 TPH capacity.

## **Technical Specification requirements ( During the time of Bidding):**

1. Inspection of existing Pit head coal handling plant at SRP OCP, proposed route of belt conveyor system and coal delivery point at the proposed receiving hopper of 600 MW Thermal Power Plant.
2. Studying the physical conditions prevailing all along the route and to modify the route if required, for economic and efficient utilization of the system.
3. The successful bidder has to furnish the total land requirement with details for the coal conveying system to enable SCCL to acquire the land, if necessary.
4. The entire coal conveying system shall operate at a height of not less than 3mt.(except at terminal ends) to avoid coal pilferage and material thefts and shall be elevated to standard heights as per statutory requirement where ever the system crosses National High Way, District & Local roads, Nallas, OHT lines etc. Details of approvals required from statutory / Govt. agencies are to be furnished for the same.
5. Design, supply & erection of steel bunker/s of not less than 300T total capacity near the existing pit head CHP and to interconnect existing steel bunkers to the proposed bunker/s through an elevated gantry and to extend the existing belt conveyor of Pit head CHP up to the proposed new bunker/s to receive (-)200mm size, crushed coal.(Crushing of ROM coal to (-)200mm size is in SCCL scope and is already existing)
6. Design, supply and erection of Apron feeders/Reciprocating feeders or any other “state of the art” coal discharge arrangement to discharge coal from the bunker/s on to the belt conveyor at the rate of 1000TPH.
7. Design, supply & erection of Belt conveying system for transportation of above quantity of coal of (-)200mm size, after taking into consideration the soil data, geo physical conditions, contour levels etc. The system shall include suitable coal weighing arrangement and protective equipment such as magnetic separator, metal detector, sequence control, pull cord arrangement, slip detector belt sway limit switches and Auto belt tension arrangement.
8. The transfer chutes shall be designed in such a way to reduce environmental pollution to minimum possible extent and also to protect coal receiving belt.
9. All the design drawings of the civil /steel structures are to be verified / approved by any Govt. approved Institution.
- 10.The entire coal conveying system shall be covered with Corrugated G.I. Sheet roofing supported by trusses of suitable design.

11. The entire coal conveying system shall be provided with effective dust suppression system and suitable fire protection system all along the belt conveyor.

12. Providing necessary lighting and communication arrangement at the transfer points, and at strategic locations.

13. The scope of work includes all civil works such as soil testing, design, foundations, control rooms for different drive station to accommodate Electrical control gear, Sub Station with fencing, etc

14. The scope of work shall include all electrical works including Sub Stations / Switch Stations, control rooms etc.

**15. Eligibility :**

a) Experience of having successfully completed design, supply, installation, testing and commissioning of such coal handling system of capacity not less than 1000 TPH and a length of not less than 5km during the last five years in India.

b) The firm shall have an average annual turn over of not less than Rs.50Crores during the last three years. Documentary evidence for experience and turn over are to be furnished along with EOI.

**16. Right to accept / reject :**

Notwithstanding anything contained in this EOI document, The SCCL reserves the right to accept or reject any or all tender(s) and part thereof at any time without assigning any reasons and without any liability or any obligation for such acceptance / rejection.

**17. Period of Validity:**

EOI of the Firms shall remain valid for a period THREE months from the date of opening of the EOI

**18. Amendment of EOI document :**

At any time prior to the date of opening for submission of the EOI, SCCL may, for any reason modify the EOI document through amendments at its own discretion

**Note :**

1. The tentative route map of the belt conveyor system is enclosed for reference.
2. 6.6 KV power supply source and over head transmission line all along the belt conveying system will be arranged by SCCL.
3. Step down transformers, distribution panel, Capacitor Banks to maintain the system power factor not less than 0.95 and all other Electricals and protective equipment shall be under the scope of the bidder.
4. The width of the belt shall not be less than 1200mm.
5. The speed of the belt shall not exceed 3m/s.
6. Site condition :
  - Temp of Ambient air : max 46° C
  - Relative Humidity : max.80 %
  - Plant Elevation : 143 Mtr. above MSL.
  - Basic Wind Speed : 47.0 Mtr/sec, as per IS: 875 (part-B) -1987
  - Seismic Zone : Zone –III, as per the latest IS: 1893 / 84

**EOI Submission:**

i) The EOI shall be submitted on or before 28-8-2009 at 4:00 PM in one sealed cover containing the technical details with terms and conditions.

ii). EOI shall be addressed to the following address:

The Chief General Manager (Purchase)  
The S.C.Co Ltd  
Po: Kothagudem – 507101  
Dist: kahmmam,  
Andhra Pradesh.