

## **EXPRESSION OF INTEREST (EOI) TO ESTABLISH UNDERGROUND WIRELESS VOICE AND DATA COMMUNICATIONS SYSTEM**

The Singareni Collieries Company Limited (A Government Company) would like to establish Underground Wireless Voice and Data Communications System with the following Salient Features in our Adriyala Longwall project (Underground Coal Mine) at Ramagundam.

- ❖ Wireless Voice over IP Telephony System which allows users to make calls to any other phone, both underground and above ground, offers push to talk functionality, text messaging, and delivers emergency alarms to the user.
- ❖ The Wireless voice and data communication System shall capture critical data for remote monitoring of
  - a) 11 KV Power System,
  - b) Pumping System,
  - c) Ventilation & Gas Monitoring System,
  - d) Tracking System for Men & Material including Automatic Signaling.
- ❖ RFID Tracking – The System provides an RFID based tracking system for men and machinery.
- ❖ The field trial for the System is to be conducted and the approval of the DGMS is to be obtained.

Interested Vendors are invited to inform their willingness and capabilities with their contact details to the **General Manager (Information Technology), The Singareni Collieries Co. Ltd.**, to the e-Mail ID: "[gm\\_it@scclmines.com](mailto:gm_it@scclmines.com)" on or before 30<sup>th</sup> August, 2014.