



THE SINGARENI COLLIERIES COMPANY LIMITED
(A GOVERNMENT COMPANY)

DATE: 04.09.2014

It is proposed to conduct a **global vendor meet on AIR CHILLING SYSTEM for Adriyala Longwall Project on EPC basis** at SCCL Bhawan, Hyderabad office on 19.09.2014 at 10.30A.M.

Specifications of Air Chilling System :

Location of Plant: **At Adriyala Longwall mine Surface / Inside the Mine**

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|--|-----------------------|
| a) The temperature of chilled Air | : 18 deg. Centigrade. |
| b) Quantity air to be cooled to 18 deg. Cent is: | 4500 Cu. m./ Minute |
| c) Quantity of Refrigeration required | : 1500 TR |
| d) Ambient water Temperature in UG | : 31 deg. Centigrade |
| e) Quantity of Water availability | : 1500 - 2000 GPM |
| f) Water treatment plant | : to be included. |
| g) Intake Air Temperature | : 31 deg. Centigrade |
| h) Air Cooling required at a depth of | : 450m to 600 mts |
| i) Extent of workings | : 4.5Kms |

GM (E&M) UGM