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A Mini Ratna Company

सेन्ट्रल माईन प्लानिंग एण्ड डिजाइन इन्स्टीच्यूट लिमिटेड
(कोल इण्डिया लिमिटेड की अनुषंगी कम्पनी / भारत सरकार का एक लोक उपक्रम)
गोन्दवाना प्लेस, काँके रोड, राँची - 834 031, झारखंड (भारत)
Central Mine Planning & Design Institute Limited
(A Subsidiary of Coal India Limited / Govt. of India Public Sector Undertaking)
Gondwana Place, Kanke Road, Ranchi - 834 031, Jharkhand (INDIA)

Corporate Identity Number – U14292JH1975GOI001223

Ref.No.CMPDI/HQ/VIG/ITE-02/18/2022/ 131

Date : 29 .03.2022

To,
The Chairman-cum-Managing Director,
CMPDI,
Ranchi.

Sub: Vigilance observation in respect of intensive examination of the work "Detailed Exploration in the Chulia-Bhulia Block, Sohagpur Coalfield, Annuppur District in State of Madhya Pradesh" (Drilling meterage-118000 Meter)
Ref: Work Order No. CMPDI/DG/765(A)/861 dated 19.08.2016

Sir,

The work of detailed exploration in the Chulia-Bhulia Block, Sohagpur Coalfield, Annuppur District in State of Madhya Pradesh vide Work Order No. CMPDI/DG/765(A)/861 dated 19.08.2016 was taken up for intensive examination by Vigilance Department. After the intensive examination, observations of the Vigilance Department are as follows –

1. The tender is based on inflated estimate, having significant financial and other implications –
 - i. As per the initial estimate, the total meterage of drilling required for the Block was 90475 meter. This meterage was enhanced by 30% i.e. 1,18,000 for arriving at the estimated value for publishing the tender. This is considered to be highly irregular with regard to general terms and conditions of the tender and other conditions of the tender. It may be noted that there is a provision of variation of +/- 30% in the GTC of the ciontract itself and in that case, there cannot be any cogent justification for adding 30% in the initial estimate.
 - ii. The estimated and awarded value of the contract has been taken on the rate of maximum depth applicable to all depth range of boreholes. It is a matter of common prudence that drilling cost per meter is always higher



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for boreholes with greater depth. As such, the preparation of estimate on the basis of highest depth range and making it applicable to all depth range is irregular leading to inflation of estimate.

- iii. It is needless to point that publishing a tender at inflated estimate is considered to be a grave irregularity, having direct bearing on the qualifying criteria for the bidder apart from other unforeseen complications arising at the time of awarding contract or execution of the contract. Higher qualifying criteria restricts the competition.
2. The scope for additional payment for geophysical logging –
 - i. The said contract was for core drilling. Even then, the scope was given for geophysical logging in the 50% of the boreholes. It is surprising that though core drilling gives more accurate and comprehensive data of coal reserve, even then, the work of geophysical logging was given in the scope of work. Further, the contract was devoid of the provision for selection of the 50% of boreholes to be used for geophysical logging.
3. Exploration / drilling is the main work of CMPDI and it is, more or less, specific to CMPDI. It has been found that there is no manual SOP / SOR in respect of exploration / drilling work. It is very much desirable to have a detailed manual / SOP / SOR for drilling / exploration work.

Apart from above major observations, there are some other issues which needs to be taken care of in the drilling / exploration work –

1. Ongoing work should not be considered as valid document for experience purposes. There should be proper verification of work experience.
2. There should be proper system of checking of deployment of technical manpower as per the tendered document / work order. The biodata submitted by the bidder should also be checked and verified carefully.



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3. A proper format for certifying compliance of labour laws and other applicable laws should be devised and circulated to all RIs for uniformity in compliance and bill passing.
4. The possibility of preparation of GR in-house based on the data provided by the contractor should be explored as CMPDI is having such technical expertise in-house. This will result in more accurate GR and reduction in overall cost.

Sumeet Kumar Sinha
29/3/2022
(Sumeet Kumar Sinha)
CVO/ CMPDI



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