

CENTRAL INSTITUTE OF MINING & FUEL RESEARCH, DHANBAD

(Council of Scientific & Industrial Research)

Barwa Road, Dhanbad- 826 001 (Jharkhand) INDIA

CIVIL ENGINEERING SECTION

Tenders Documents

for

Execution of

Works under

RENOVATION AND RECONDITION OF 300 T.R. AIR CONDITION PLANT

In

CMRI ESTATE

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NIT NO.:

Phone: 2203010/2203070/2203090/; Fax : 0326-2203156

E-mail : dcmrips@yahoo.co.in

CENTRAL INSTITUTE OF MINING & FUEL RESEARCH, DHANBAD
(Council of Scientific & Industrial Research)

NOTICE INVITING TENDER

No. 23(287)/2007-GA/442

Dated: 14/09/2007

Sealed tenders are hereby invited from bonafide govt. contractors, registered with CPWD, State, PWD, MES, Post and Telegraphs, Railway, Defence and other Govt. Department, CSIR or any of its laboratories, who have successfully completed at least 3 (three) similar type (equal to 40% of the estimated value) or 2 (two) similar type (equal to 50% of the estimated value) or 1 (one) similar type (equal to 80% of the estimated value) in last (5) five years.

Sl.	Description of work	Estimated Value	Earnest money	Time of completion	Cost of Tender Documents
1.	Renovation and recondition of 300 T.R. Air Condition plant.	1,98,616=00	3,972=00	1 Year	500=00

The following proof of documents in original or duly attested to be produced at the time of issuing tender paper and also to be submitted alongwith submission of tender for verification.

- Valid sales tax, registration no. & Clearance certificate.
- Completion certificate alongwith payment received of the similar works (including schedule) of values as mentioned above from an officer not below the rank of Executive Engineer of the concerned Department.

Tenders to be submitted in 2 Bid System

1. Part-I
(Technical Bid)

Consists of following documents

- Proof of documents as mentioned above (1-2)
- Earnest Money
- Cost of Tender documents (In case of tender document down loading from CMRI Web site.)

2. Part-II

Consists of following documents

- Costing alongwith full specifications of the items involved in the work including all Taxes & Levies as per different laws.

Tender paper will be on sale from 18.09.2007 to 17.10.2007 on payment basis (Non refundable) on all working days of CIMFR up to 3:00 P.M. and will be also available in CIMFR website www.cmriindia.nic.in, that can be downloaded for submission. Those parties who submit their tenders after down loading, shall be required to pay the above mentioned amount (Cost of Tender Documents) in the form of Account Payee D.D. drawn in favour of Director, CMRI, Dhanbad payable at SBI, Hirapur, alongwith their Technical Bid.

The Part-I & Part-II are to be individually sealed in separate envelopes and are to be put in a 3rd envelope which shall also be sealed and superscribed with the name of work in bold letters, address of the depositors and to be dropped in the Tender Box kept in the Office of the Administrative Officer, CMRI, Dhanbad, after duly signed by him on or before 02/11/2007 at 3:00 P.M. and will be opened on the same day at 3:30 P.M., in presence of the intending tenderers or their authorized representatives whoever present themselves at the time of opening of tenders.

- Ø IT IS REQUIRED TO SUBMIT THE COST OF TENDER DOCUMENTS ALONG WITH TECHNICAL BID AS MENTIONED ABOVE.
- Ø EARNEST MONEY SHOULD BE DEPOSITED IN THE FORM OF ACCOUNT PAYEE DEMAND DRAFT PAYABLE AT SBI, HIRAPUR (CODE-1670) DHANBAD IN FAVOUR OF DIRECTOR, CENTRAL MINING RESEARCH INSTITUTE, DHANBAD.
- Ø INCOMPLETE TENDERS, LATE / DELAYED TENDERS AS WELL AS TENDERS WITHOUT EARNEST MONEY SHALL BE SUMMARILY REJECTED.
- Ø DIRECTOR, CIMFR, RESERVES THE RIGHT OF ACCEPTING ANY TENDER IN PART OR FULL OR REJECTING ALL WITHOUT ASSIGNING ANY REASON.

In-Charge (A.C)

Administrative Officer

D/CIMFR may kindly approve for press, advertisement through the following agency in approved rate DAVP as applicable to Govt. Deptt.

- The Telegraph, Kolkata Publication (English daily)
- Hindustan Times, New Delhi Publication (English National)
- Hindustan, Dhanbad Edition (Hindi Local) – Pointer advertisement

Name of Media – Union Publicity Bureau,
34B, Ballygunge Gardens,
Golpark, Kolkata – 700 019.

A.O.
Director

INSTRUCTION TO BIDDER

Tenderers are requested to read carefully the Tender Document so that offer is not rejected due to their mistake or oversight. Central Institute of Mining & Fuel Research, Barwa Road, Dhanbad 826 001, Jharkhand (India) is an Institute under the aegis of Council of Scientific and Industrial Research (CSIR), Rafi Marg, New Delhi - 110 001, a constituent body under the Ministry of Science & Technology, Govt. of India. This Institute is engaged in Research, Development and testing for Mining & Allied Industries.

1. Quotation shall be submitted as per NIT No. 23(287)/07-GA/442 dt. 14/09/2007 in two separate envelopes in two bids system stating as i). Technical Bid and ii) Commercial Bid. Each envelope should be properly sealed and both of them should be put together in a large envelope, which will also be sealed. The outer cover should bear the name : *The Director, CIMFR, Barwa Road, Dhanbad - 826 001. Jharkhand (India)* along with the valid reference number, the name of the work & due date.

2. The inner covers for both Technical & Commercial part of each item should bear :

i) Address i.e. The Director, CIMFR, Barwa Road, Dhanbad, Jharkhand.

ii) File No.

iii) Date of opening :

iv) a) Technical Bid i.e. only technical part including terms & condition without mentioning any price.

b) Commercial Bid

3. All correspondence should be addressed to :

The Director, Central Mining Research Institute, Barwa Road, Dhanbad - 826 001. Jharkhand (India).

4. The details of the tender are as below:

Place of Sale / submission / Opening of Tender	Date of issue of tender documents	Last date of submission of tender	Date of opening of technical bid
Administration Section, Central Institute of Mining & Fuel Research, Barwa Road, Dhanbad - 826 001. Jharkhand (India),,	From: 18/09/07 To : 17/10/2007	02/11/2007 upto 3.00 PM.	02/11/2007 at 3.30 PM.

5. CIMFR will not be held responsible for delay, loss or non-receipt of application or tender document of either side if sent by post and will not entertain any correspondence in this regard. Tenders sent by Telex/Telegram/Fax/E-mail) will not be accepted. Requested for clarification in this regard received after 3.00 PM on 02/11/2007 will not be entertained.

6. The following proof of documents in original or duly attested to be produced at the time of issuing tender paper and also to be submitted along with submission of tender for verification.

- Ø Valid sales tax, registration no. & clearance certificate.
- Ø Completion certificate alongwith payment received of three similar works (including schedule) of values as mentioned above from an officer not below the rank of Executive Engineer of the concerned department.
- Ø Documentary proof of ownership of equipment required for the execution of above referred work

7. Earnest Money in the form of D.D. in favour of Director, Central Mining Research Institute, Barwa Road, Dhanbad - 826 001. Jharkhand (India).

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name of the work:-Renovation and recondition of 300 T.R. Air Condition plant.

Sl	Description of Work	Qty.	Per	Rate (Rs.)	Amount
1.	Dismantling the insulated refrigerant pipe line chiller unit and water line, opening the both end cover of the 100 T.R chiller unit and testing the inner copper pipe with nitrogen pressure for the shell only, cleaning flashing of the inner shell, leak, testing of the individual copper pipe and if any pipe found leakage to be making blockage of the pipe, replacement of gasket both the cover after grinding and making smooth surface of the flanging area with replacement of stud bolts and nut as necessary as required with refitting of outer cover. Further nitrogen pressure testing and holding the pressure testing and holding the pressure for 24 hours to satisfy that dismantling portion as required area as necessary to complete the job.	1 Job	Each		
2.	Dismantling the condenser water pipe line with its flange for 100 T.R Shell & Tube condenser to make chemical cleaning with individual descaling and circulating the chemical by separate pump to make the hard scale soft and then opening both end of the condenser to clean the inner copper pipe with cleaning stick and then further fitting the cover the cover to circulate the chemical by individual pump and again after the outer cover of the shell if it is found that the copper pipes are cleared then further fitting of the shell cover after the using paint to avoid corrosion in the cover plate with the replacement of worn out nut bolts and making re-conditioning with the water line with replacement of gasket and nut, bolts where required when it is sure that all of the work is completed. To neutralize the chemical, further soda water circulating with individual pumps to be done and then further plain water to be circulated to determine that there is no further effect of chemical circulation.	1 Job	Each		
3.	Detergent cleaning of the different size of cooling coils for all the weather maker by high pressure jet and neutralizing the same with further soda water and plain water to complete as required.	1 Job	Each		
4.	Providing and fitting with replacement of the following refrigeration spares : a) High & low pressure dual switch 2 nos. b) Antifreeze thermostat switch 3 nos c) Temperature controller switch 3 nos. d) Thermostat expansion valve 2 nos.	1 No. 1 No. 1 No. 1 No.	Each Each Each Each		
5.	Dismantling the existing VILTER (U.S.A) make compressor part by part and and refitting of the compressor	1 set	Each		
6.	Dismantling and general overhauling with repairing / reconditioning of the velter make reciprocating compressor	1 set	Each		
7.	Nitrogen pressure testing of the whole system and holding the pressure for 24 hours to find out any further leakage in the system for holding the vacuum for 18 hours to make the system ready for gas charging.	1 Job	Each		
8.	Drawing the existing Refrigerator gas in a separate cylinder and supply of M- 22 refrigerator gas including charging of the same for the one unit consisting of 200 Kg. in unit.	200 Kg.	Kg.		
Total (Rs.)					