



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services

Tender Enquiry No: WEX/TE/TW/8/16 Dated 20.08.2019

TD: 2018-19, Rev- 00



TENDER DOCUMENT

For Tender Enquiry No. : WEX/TE/TW/8/16 Dt. 20.08.2019

For

“Operation and maintenance of 03 no Voltas make screw chiller based air-conditioning plants and 3 no Air Washers in BHEL-Jhansi (Work Contract)”

Contact Person:

Name: Anshuman Sharma

Designation: Dy. Mgr (MM)

Email: anshuman.sharma@bhel.in

PH: 0510-2412784

Tender Due Date: 10.09.2019, at 13:15 Hrs.

Tender Opening Date: 10.09.2019, at 14:00 Hrs.

Rev	Short details of revision (In case of revision in tender document, otherwise NA)
Date:	

Department:

Works Engineering and Services

BHEL, PO: BHEL, JHANSI 284120 (UP)

We hereby accepted above (signature & seal of bidder)



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DETAILS OF TENDER DOCUMENT

Nature of work: **Operation and maintenance of 03 no Voltas make screw chiller based air-conditioning plants and 3 no**

Air Washers in BHEL-Jhansi (Work Contract)

1. BHEL -JHANSI is in the process of finalizing the Works Contract for **Operation and maintenance of 03 no Voltas make screw chiller based air-conditioning plants in BHEL-Jhansi (Work Contract)**The tender document has been detailed as follows:
 - a) Notice Inviting Tender (Annexure A)
 - b) Scope of work & Work Specifications (Annexure B)
 - c) Qualifying Requirements (Annexure C)
 - d) Technical Bid Application (Annexure D)
 - e) General Terms and Conditions (JHS 2055B R00)
 - f) Blank Price Bid format (Annexure E(a))
 - g) Price Bid format (Annexure E(b))
 - h) Document referred in GTC (Annexure I- VIII)

The duly filled in Technical and Price / Rate bids (Annexure D and E (a&b) along with the instructions to the tenders, Contractor's Obligations, General Terms and Conditions with the signature of the tender on all the pages and complete in all respects super scribed as "**Quotation for Tender No. WEX/TE/TW/8/16 Dated 04.04.2019**" should reach us in a sealed cover on or before **25.04.2019 (13.15 hours)** through Registered / Speed post or the same may be dropped in the tender box available at the following address: **(refer GTC ii(c))**.

To
Tender Box
CISF Control Room/Office
Administrative Building
Bharat Heavy Electricals Limited
Jhansi-284120. UP

- Note: 1) Dropping of tender in the Tender Box within schedule time and date is the responsibility of the bidder.
2) Technical bid and price bid should be submitted in separate sealed envelopes, in case the bids founds in one single envelope then the "bids" are liable to be rejected.

We hereby accepted above (signature & seal of bidder)



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Tender Documents

TENDER ENQUIRY NO: WEX/TE/TW/8/16

DATE:20.08.2019

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03	Work Specifications/ Scope of Work	B	5-6
04	Qualifying Requirements	C	7
05	Technical Bid	D	8-9
06	General Terms and Conditions	JHS 2055B R00	10-16
07	Blank Price Bid Format	E (a)	17
08	Price Bid Format	E (b)	18
09	Document referred in GTC	I-VIII	19-28

We hereby accepted above (signature & seal of bidder)



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Annexure A

NOTICE FOR INVITING TENDER

S. No	Particulars	Details
1	Brief Description of work	Operation and maintenance of 03 no Voltas make screw chiller based air-conditioning plants and 3 no Air Washers in BHEL-Jhansi (Work Contract)
2	Tender Evaluation Criteria	As per GTC point (iv)
3	Duration of Contract	One year
4	Last date of receipt of the Tender	Up to 13:15 hrs on 10.09.2019
5	Date of opening of Techno – Commercial Bid.	14:00 hrs on 10.09.2019
6	Address for submitting the Tender	As per GTC point ii(c)
7	Earnest Money Deposit * (EMD)	Rs 24949.00
8	Cost of Tender	Rs.400 plus GST 18% (as applicable) = Total Rs.472 (payable in POS at BHEL cash office or through EFT” along with technical bid, in case the documents downloaded from website).
9	MSME Clause	As per GTC point (iii)
10	Validity of Offer	90 Days
11	Security Deposit	As per GTC point (ix)

Note: *

- **The EMD shall be accepted only in the following forms:**

Electronic Fund Transfer credited in BHEL account (before tender opening)

BHEL account details: Bank Name:- SBI; A/c No. :- 10670828866 ; IFS Code:- SBIN0003807 A/c Holder Name:- BHARAT HEAVY ELECTRICALS LIMITED

- **The contractors may physically visit the work place before quoting their rates. For relevant details please visit our website “www.bhel.com” & www.bheljhs.co.in**

We hereby accepted above (signature & seal of bidder)



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Annexure B

Name of Work: Operation and maintenance of 03 no Voltas make screw chiller based air-conditioning plants and 3 no Air Washers in BHEL-Jhansi (Work Contract)

1.0 Detail of work:

Sl. No.	JOB/ACTIVITY	UNIT OF MEASUREMENT	QUANTUM OF WORK (ANNUAL)
1.	Operation and maintenance of 03 nos Voltas make screw chiller based air-conditioning plants, capacity 125 TR each. with AHU units of 27000CFM (for A and B and in C shift on as and when requirement basis) in BHEL-Jhansi for a period of one year.	Months	12
2.	Operation and maintenance of 03 nos Air Washer Units of 7200 CFM for A and B and in C shift (as and when requirement basis) in BHEL-Jhansi for a period of one year.	Months	12

2. SCOPE OF WORK

2.1 Operation of Air-conditioning plant: Scope of work includes the operation of the Voltas make Screw chiller based 03 nos air-conditioning plant for A and B and in C shift (as and when requirement basis) for Bay-11 (new winding shop).

2.2 Break down maintenance of Air-conditioning plant: All the breakdowns received from the users or endorsed in daily log book should be attended on day to day basis and if any breakdown/work is pending due to requirement of spares for major work involved , the same should be informed to the section in-charge.

2.3 Operation of Air Washer Units: Scope of work includes the Operation and maintenance of 03 nos Air Washer Units of 7200 CFM for A and B and in C shift (as and when requirement basis) in Bay-6.



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2.4 Break down maintenance of Air Washer Units: All the breakdowns received from the users or endorsed in daily log book should be attended on day to day basis and if any breakdown/work is pending due to requirement of spares for major work involved, the same should be informed to the section in-charge.

2.5 Routine Maintenance of plants: Daily and monthly maintenance of the plant shall be carried out by the contractor as per BHEL's prescribed formats.

2.6 Pro-active measures towards daily operation of plant: Following proactive activities should be initiated by the operators before and after regular operation of the plant:

- (a) Checking of leakage in refrigeration line.
- (b) Keeping the plant / equipment and AHU unit room clean and in good working condition.
- (c) Checking the water level in cooling tower on regular basis.
- (d) Checking of heaters and replacement, if found faulty during winter cycle.
- (e) Cleaning of filters.
- (f) Maintenance of auxiliaries etc.

3. Period of Contract: The period of contract shall be for one year.

4. Spares and consumables :

4.1 All the spares and consumables required during contract period will be provided by BHEL.

4.2 All the working tools shall be arranged by the party.

5. Deployment of manpower:

5.1 Minimum one qualified operator (ITI in Electrician / A.C &R / Fitter trade with minimum 01 year experience) and one experienced helper to assist the operation shall be provided in each shift for A and B and in C shift (as and when requirement basis).

5.2 One qualified supervisor (Engineering Diploma or Higher in Electrical/ Mechanical/A.C & R with minimum 01 year experience) to be deployed to look after the work in totality.



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Annexure C

QUALIFYING REQUIREMENTS

1) Average Financial Turnover:

- 1.1) Average Annual financial turnover during the last 3 years, ending 31st March, 2019 should be at least Rs. 3.74 Lakh of the estimated cost. Duly audited Financial Statement/ Balance sheet / Certificate from CA to be submitted as a supporting document.
- 1.2) If all balance sheets are not available for all three years than the average shall be calculated by dividing the sum of turnover of submitted balance sheets by three.
2. Experience of having successfully completed similar work (means **annual operation and maintenance contract/ erection and commissioning contract / manufacturing of screw chiller based centralized air conditioning plant . Capacity of each plant shall be not less than 125 TR in all three criteria**) during last 7 years ending 31th March -2019 should be either of the following:-
 - a. Three similar completed works contracts during last 7 years ending 31th March -2019 each costing not less than the amount equal to Rs. 4.98 Lakh.

Or
 - b. Two similar completed works contracts during last 7 years ending 31th March -2019 each costing not less than the amount equal to Rs. 6.23 Lakh

Or
 - c. One similar completed work contracts during last 7 years ending 31th March -2019 each Costing not less than the amount equal to Rs. 9.97 Lakh.
3. Copy of PO/WO & satisfactory completion report/performance certificate in company letter head of customer meeting the criteria at SI No 2 above should be submitted along with the techno - commercial offer. The complete details of the customer contact person, name, address, e-mail and contact no. are also to be submitted.
4. In addition to the above if the experience is in Private Sector relevant TDS Certificate/Traces must be attached as evidence.



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ANNEXURE -D

TECHNICAL BID APPLICATION FOR Operation and maintenance of 03 no Voltas make screw chiller based air-conditioning plants in BHEL-Jhansi (Work Contract)

(A) ESSENTIAL DOCUMENTS REQUIRED

1. Name of the firm : _____
2. Name of the Proprietor : _____
3. Address: _____
4. e-mail : _____
5. Contact Numbers : _____
6. ESI Code Number (of the company's operator) : _____

Copy of the ESI Certificate Enclosed / Not Enclosed

7. PAN/TAN Number : _____
8. Goods & Service Tax Number (PAN Based) : _____

Copy of Certificate Enclosed / Not Enclosed

9. Audited financial statement/CA Certificate as per tender: Enclosed / Not Enclosed
10. Experience Certificate: Enclosed / Not Enclosed

(Along with necessary enclosures as per tender to be submitted)

11. Earnest Money Deposit : Rs. _____
 - a) D.D. Number & Date : _____ Date _____
 - b) Drawn on (Bank) : _____
12. Any other relevant information : _____
13. Tender Cost : Rs. _____

D.D. No. /Receipt No : _____



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14. Validity of offer : _____

(At least 120 days from the date of tender Opening.)

15. Blank Price bid format : Enclosed / Not Enclosed

16. PF registration certificate (if exempted, submit exemption proof)

PF registration code: _____

Attach Copy of the PF registration

17. ESI registration certificate: (if exempted submit exemption proof)

ESI registration code: _____

Attach Copy of ESI registration

(B) DESIRABLE:

1. Income Tax return last 3 yrs. : Enclosed / Not Enclosed

2. Acceptance of Reverse Auction : Accepted / Not accepted

We will fulfill all the obligations of the contractor and abide by the Terms & Conditions mentioned in the enquiry.

Signature with Name & Office Seal

Date:

NOTE: TECHNICAL BID AND PRICE BID SHOULD BE SUBMITTED IN SEPARATE SEALED ENVELOPS. IN CASE THE BIDS ARE FOUND IN ONE SINGAL ENVELOPE THEN THE "BIDS" ARE LIABLE TO BE REJECTED.

We hereby accepted above (signature & seal of bidder)