



Bharat Heavy Electricals Limited, Jhansi

Department: Works Engineering And Services

Tender Enquiry No: **WEX/TE/TW/23/06 Dated 19.02.2024**



TENDER DOCUMENT

For Tender Enquiry No. : **WEX/TE/TW/23/06 Dated 19.02.2024**

For

**“Maintenance of Air-conditioners and Water coolers in BHEL-Jhansi factory and township”
(Works Contract)**

Contact Person:

Name: Monika / Hirendra Raut

Designation: Sr.Manager- CCC/ Sr. Manager-WEX

Email:

monikav@bhel.in/hirendra@bhel.in

PH: 0510-2770001 (Extn 2414/2581)

Tender Due Date: 12.03.2024, at 13:15 Hrs

Tender Opening Date: 12.03.2024, at 14:00 Hrs

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

Department:

Works Engineering & Services

BHEL, PO: BHEL, JHANSI 284120 (UP)



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DETAILS OF TENDER DOCUMENT

Nature of work: Maintenance of Air-conditioners and Water coolers in BHEL-Jhansi factory and township (Work Contract/Service contract).

BHEL -JHANSI is in the process of finalizing the Works Contract for **Maintenance of Air-conditioners and Water coolers in BHEL-Jhansi factory and township (Works 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) Special Terms and Conditions (Annexure D)
- e) Technical Bid Application (Annexure E)
- f) Blank Price Bid format (Annexure F (a))
- g) Price Bid format (Annexure F (b))
- h) General Terms and Conditions
- i) Document referred in GTC (Annexure I- XIII)

The duly filled in technical bid, blank price bid and price bid (refer annexure E, F (a) & F (b)) separately along with the tender instructions & contractor obligations, general terms and conditions with the signature & seal of the tenderer on all the pages and complete in all respects super scribed as "Quotation for Tender No. **WEX/TE/TW/23/06 Dated 19.02.2024**" should reach us in a sealed cover on or before **12.03.2024 (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
Security 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.

3) Please do not forward the tender on email.



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Tender Documents

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Date: 19.02.2024

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We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



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Annexure A

NOTICE FOR INVITING TENDER

S. No	Particulars	Details
1	Brief Description of work	Maintenance of Air-conditioners and Water coolers in BHEL-Jhansi factory and township (Works Contract)
2	Tender Evaluation Criteria	As per GTC point (iv)
3	Duration of Contract	One Year
4	Last date of receipt of the Tender	Upto 13:15 hrs on 19.02.2024
5	Date of opening of Techno – Commercial Bid.	14:00 hrs on 12.03.2024
6	Address for submitting the Tender	As per GTC point ii(c)
7	Earnest Money Deposit * (EMD)	Rs 8503.00
8	Cost of Tender	NIL
9	MSME Clause	As per GTC point (iii)
9	Validity of Offer	120 Days
10	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; IFSCCode: - 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)

Seal & Signature of BHEL contracting authority

WORKS SPECIFICATION

DETAILS OF WORK

Sl. No.	Description Of Works	UOM	Total quantum of work
1	Maintenance Of Air-conditioner (A/C) & Water-cooler (W/C)		
1.1	Major breakdown of A/C & Water-coolers (W/C)	No	98
1.2	Medium breakdown of A/C & W/C	No	176
1.3	Minor breakdown of A/C & W/C	No	271
2	Pre. Maintenance of Air-conditioner & Water-cooler		
2.1	Yearly Pre. Maintenance of A/C & W/C	No	307
2.2	Regular cleaning of tank and filters for approx. 200 A/C & W/C per month (For 06 months).	No	1380
3	Shifting of A/C & W/C	NO	467
4	Maintenance of panel A/C, Driers and chillers (up to capacity 25 ton) of machines.	No	23
5	Installation of Air-conditioners & Water-coolers	No	26

Details of classified breakdowns

Major Breakdowns

- 1) Installation /replacement of compressors in ACs, Chillers, water coolers, refrigerators, panel ACs, deep freezer
- 2) Leakage repair and gas charging (Brazing) in ACs , chillers, water coolers
- 3) New Wiring in 20-25 Ton chiller with installation relay, contactors, MPCB/MCB etc.
- 4) Installation of ACS window AC and Split ACS
- 5) Repair of water pumps of chillers.

Medium Breakdowns

- 1) Replacement/Repair fan motors in ACs, water cooler, deep freezer, panel ACs, oil chiller Etc.
- 2) Repair/replacement of power contactors, relays, control wiring/power wiring in ACs, oil chiller, water cooler, panel ACs, air drier and deep-freezers etc.
- 3) Leakage repair in split AC, air driers, chiller, deep freezers, refrigerators etc.
- 4) Shifting of equipment sacs, water cooler, panel ACs, refrigerators, etc.

Minor Breakdowns

- 1) Cleaning of filters/condenser coil in Panel ACs, chillers, air driers, split and window ACs and cleaning of water cooler tanks.
- 2) Replacement of thimble /lugs of wiring In ACs window and split ACs , PANEL ACs , deep freezers refrigerators, water coolers



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- 3) Minor wiring faults like wire burnt due to overheating, reset of alarms, replacement of compact relays in ACs, deep freezers, refrigerators etc.
- 4) Replacement/ repair of float valves in water coolers and chillers
- 5) Replacement of faulty sensors, in window ac, split ac, chillers etc.
- 6) Replacement / repair of thermostat in window ACs, water coolers, refrigerators, deep freezers etc.
- 7) Replacement of fan blades/blower in window ACs, split AC, panel AC, deep freezer, water coolers, chillers etc.

SCOPE OF WORK

- 1) **Maintenance of Air Conditioners and Water Coolers:** The scope of work includes attending breakdowns (major, medium, minor) of all type of Air Conditioners, Deep Freezers, Fridges and Water Coolers installed in BHEL-Jhansi Factory & Township premises.
- 2) **Preventive maintenance of Air Conditioners and Water Coolers:**
 - 2.1) The scope of work includes attending breakdowns of all type of Air Conditioners, Deep Freezers, Fridges and Water Coolers installed in BHEL-Jhansi Factory and Township premises. This is one time activity for the total contract period.
 - 2.2) Cleaning of Water Tanks, Filters of Air Conditioners, Deep Freezers, Fridges and Water Coolers Installed in BHEL-Jhansi Factory and Township premises.
- 3) **Shifting of equipment's:**
 - 3.1) During the period of contract the Air Conditioners and Water Coolers (approx 406 nos.) may be required to be shifted from one location to other within BHEL-Jhansi Factory and Township premises as and when required.
 - 3.2) Contractor to make own arrangement for shifting the Air Conditioners and Water Coolers outside or inside the Factory. Mode of transportation may be provided by BHEL to party, if available.
- 4) Maintenance of all type of panel of Air Conditioners and Chillers installed in various machines in factory premises.
- 5) Installation of all types of Air Conditioners, Deep Freezers, Fridge and Water Coolers installed in Factory and Township premises.



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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, 2023 should be at least Rs. 1.28 Lakhs. Bidder to attach audited balance sheet and Profit & Loss Account of last three financial years, ending 31st March 2023, or Certificate of CA as proof of financial turnover for respective years.

1.2) If all the balance sheets are not available for all three years then 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 **completed work/service contract for the work of maintenance of Air Conditioners and Water Coolers/ maintenance of plant/machine/ electrical facilities**) during last 7 years from the previous month of floating of tender should be either of the following:-

a. Three similar completed works contracts during last 7 years from the previous month of floating of tender each costing not less than the amount equal to Rs. 1.70 Lakh.

Or

b. Two similar completed works contracts during last 7 years ending from the previous month of floating of tender each costing not less than the amount equal to Rs. 2.13 Lakh

Or

c. One similar completed work contracts during last 7 years ending from the previous month of floating of tender each Costing not less than the amount equal to Rs. 3.40 Lakh.

As evidence of the above information, the bidder to attach the documentary proof as below.

Worked for	Documentary Proof to be attached.
A) In case of Experience in Government Organizations / PSU/Semi Government/Private Sector.	i) Copy of Work Order/Purchase Order. ii) Copy of Work Completion Certificate / Performance certificate iii) TDS Certificate (Traces form 26AS or 16A)
B) In case experience is submitted for work done in BHEL Jhansi, TDS/Tax invoice is not required.	



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- 3) Considering Critical Quality, safety aspects and Technical specification implication of maintenance work. No relaxation shall be given to MSE/Start-up bidder on account of Prior Experience and Turnover.
- 4) 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, and e-mail and contact no. are also to be submitted.

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



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Annexure D

SPECIAL TERMS & CONDITIONS

- (a) **Requirement of Manpower:** Contractor is required to maintain sufficient experienced (technician and helper) staff to carry out the subject work during total contract period.
- (b) All daily breakdowns will be attended by the contractor on the same day of breakdown and no pending breakdown will be allowed to be carried over next day without sufficient reasons and this should be brought to the notice of AC Maintenance Section In-Charge before closing of day.
- (c) If breakdowns are not being attended within 24 hours even after intimation through e-mail, a penalty of Rs 1000/- (Rupees one thousand only) per breakdown will be charged, limited to maximum 10 % of contract value. The amount of penalty will recovered from the contractor's running/final bill.
- (d) Safety gears for deployed manpower will be provided by Contractor.
- (e) Before quoting bidder may visit the site to see equipment installation and quantum of work if required.
- (f) **Location of Air Conditioners and Water Coolers:** All are installed at various locations in BHEL Factory, Administrative Building, Guest House and Hospital and at various locations in BHEL Township.
- (g) **Facilities and Free Issues :**
 - i. Water, electricity, compressed air, oxygen and acetylene welding facilities and welding/brazing rod will be provided by BHEL free of cost. However, no claims will be admissible if the above facilities are not provided due to any reason what so ever both within factory premises and outside.
 - ii. All required spares and consumable like refrigerant gas, electrical spares etc. shall be given by BHEL free of cost.



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Annexure-E

TECHNICAL BID APPLICATION FOR 'Maintenance of Air-conditioners and Water coolers in BHEL-Jhansi factory and township (Works Contract)

(A) ESSENTIAL DOCUMENTS REQUIRED

1. Name of the firm: _____
2. Name of the Proprietor: _____
3. Address, e-mail and Contact Numbers: _____

4. ESI Code Number (of the company's operator): _____

Copy of the ESI Certificate Enclosed / Not Enclosed

5. PAN/TAN Number: _____
6. Goods & Service Tax Number (PAN Based): _____

Copy of Certificate Enclosed / Not Enclosed

7. Audited financial statement/CA Certificate as per tender: Enclosed / Not Enclosed
8. Experience Certificate: Enclosed / Not Enclosed

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

9. Earnest Money Deposit: Rs. _____
- a) D.D. Number & Date: _____ Date _____
- b) Drawn on (Bank): _____
10. Any other relevant information: _____
11. Validity of offer: _____

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

12. Blank Price bid format: Enclosed / Not Enclosed
13. PF registration certificate (if exempted, submit exemption proof)
- PF registration code: _____

10

We hereby accepted above (signature & seal of bidder)

Seal & Signature of BHEL contracting authority



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Attach Copy of the PF registration

14. 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.