



An ISO: 9001
Organization

BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

☎: (0431) 257-5123 Fax: (0431) 257-6805

[e-mail: lhoney@bheltry.co.in](mailto:lhoney@bheltry.co.in)

ENQ No: 9241700037

14.11.2017

NOTICE INVITING TENDER

Sub: **HYDRO TESTING PREPARATION FOR BOILERS AT BUILDING-7**

Ref: Enquiry no: 9241700037 DATED: 14/11/2017; DUE DT: 06/12/2017

Tender of the following work should be submitted in a sealed cover consisting of three inner sealed covers such as 1) EMD cover, 2) Technical bid cover & 3) Price bid cover, all superscribing the name of work, enquiry number etc.

- 1) EMD cover shall contain requisite EMD of ₹. 1000/- & Payment of EMD must be in e-Collect mode only. Tender without EMD will be summarily rejected and the Technical bid & price bid shall not be considered. Tender without EMD will be summarily rejected and the Technical bid & price bid shall not be considered.
- 2) Technical bid cover shall contain duly filled in Technical bid document signed by the tenderer in all the pages with documentary evidences for pre-qualification such as experience, value of work executed in the similar nature of work etc. Any bid without proper documentary evidence for pre-qualification shall not be considered for further evaluation.
- 3) One set of unpriced bid of Contract Work Schedule duly signed by the tenderer for accepting the work content (BOM) should be submitted along with the Technical bid for technical evaluation.
- 4) The price bid cover shall contain price bid document duly filled in and signed by the tenderer in all the pages. The tenderer has to quote most competitive rates for all the items given in the Bill of Quantities in price bid.

The complete Technical bid and price bid along with requisite **EMD of ₹. 1000/-** shall reach the office of the undersigned on or before 06/12/2017 at 14.00 Hrs.

MSE suppliers can avail EMD Waiver benefits only if they submit along with the offer, attested copies of either EM II Certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II Certificate along with attested copy of a CA Certificate (Format Enclosed). Tenders without EMD/MSME proof as detailed above will be summarily rejected.



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The Technical bid will be opened on the same day at 14.30 hrs. In case of opening day falls on holiday or happened to be declared as a holiday the receipt and opening of the tender shall automatically fall on the same timing of the next working day. Date and time of opening of the Price Bid shall be intimated only to the bidders those who have qualified after evaluation of the Technical bid. You / Your authorized representative may participate in the tender opening.

Clarification if any can be obtained from the undersigned.

Kindly acknowledge the receipt of the entire set of tender document.

Thanking you,

Yours faithfully,

For Bharat Heavy Electricals Limited,
Dy. Manager,
Contracts
Maintenance & Services Dept.

Encl:

- 1) NIT – Notice Inviting tender (Consists of Preamble, Technical Bid & price bid)

Tender should be addressed to: **THE Dy. MANAGER,
MAINTENANCE & SERVICES / CONTRACTS,
2&4 BUILDING, BHARAT HEAVY ELECTRICALS LIMITED,
HIGH PRESSURE BOILER PLANT,
TIRUCHIRAPPALLI - 620014,
TAMILNADU.**

Sign & Seal of Contractor



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High Pressure Boiler Plant, Tiruchirappalli- 620014

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☎: (0431) 257-5958 Fax: (0431) 257-6805

[e-mail: avinashsahoo@bheltry.co.in](mailto:avinashsahoo@bheltry.co.in)

NOTICE INVITING TENDER

01.	Name of work	HYDRO TESTING PREPARATION FOR BOILERS AT BUILDING-7
02.	Earnest Money Deposit	₹.1000/-
03.	Duration of the contract	1 Year (From the date of commencement of the work)
04.	Last Date for Receipt of Tender	14.00 Hrs on 06/12/2017
05.	Date of Technical Bid Opening	14.30 Hrs on 06/12/2017
05.	Date of Price Bid Opening	Will be intimated to those who are Qualified separately.
07.	Guarantee Period	Not applicable

The Tender documents can be down loaded from BHEL website (www.bhel.com) / govt. website (www.tenders.gov.in) at free of cost.

Tender document contains 11 Pages (Technical Bid – 08 Pages, Schedule for price bid – 01 page).

ISSUING OFFICER

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TECHNICAL BID

Sub: **HYDRO TESTING PREPARATION FOR BOILERS AT BUILDING-7**

Enquiry no: 9241700037 Dated: 14/11/2017. Due date: 06/12/2017, 14.00 Hrs.

PRE-QUALIFICATION CRITERIA

The following eligibility criteria shall be complied to fulfill the Technical bid: -

Sl. No	Description	Vendor to confirm
1	Only those BIDDER, who have minimum One-year experience in executing Machine Maintenance Contract in any engineering industry in the last five years (from the date of opening of tender), are eligible to participate in the tender. Documentary proofs/Xerox copies of the POs proving the same are to be enclosed. Otherwise offer is liable for rejection. Bidder to confirm.	
2	Name and contact details like E-mail, Phone number, Fax no, etc. of the customer / company where the maintenance contract is executed. Bidder to confirm	
3	BHEL may verify the information provided by vendor. In case the information provided by vendor is found to be false / incorrect, the offer shall be rejected. Bidder to confirm.	
4	BHEL Vendor code (if applicable) - PAN Number (Copy to be Enclosed) - GSTN registration Number (Copy to be Enclosed) - Mobile number (Which is linked to GSTN registration Number) - Email id (Which is linked to GSTN registration Number) - HSN/SAC Code - Offer will be entertained only if the vendor submit the details as above & has a valid GST registration no. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer. Otherwise the offer shall be rejected.	
5	Acceptance for Scope of Work as per the Enquiry	
6	Acceptance for All Terms & Conditions as per the Enquiry	
7	The bidder along with its associate/collaborators/sub-contractors/sub-vendors/ consultants/ service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website http://www.bhel.com and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their	

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SCOPE OF WORK:

1) HYDRO TESTING FOR BOILERS AT BUILDING-7

SL. No	SCOPE OF WORK	QTY
10	HYDRO TESTING PREPARATION FOR 0.8T/HR BOILER AT BUILDING-7 SCOPE OF WORK: 1. Roof coil Topside cover assembly flange cover to be removed. 2. Stainless steel cover and all insulations on roof top flange cover of the Boiler are to be removed. 3. The pressure gauge is to be dismantled and new calibrated valid dated pressure gauges are to be fitted as per direction from supervisor in charge of the work. 4. Boiler bottom side air damper all insulations are to be removed. 5. By taking suitable care Oil gun, burner assembly & torch are to be removed with suitable marking and safely keep it. 6. Safety valves two nos are to be dismantled and dummy flanges are to be fixed. 7. The coil assembly inside and top (COMBUSTION CHAMBER) is to be cleaned thoroughly with wire brush to clean the carbon deposits on coil base should be cleaned thoroughly. 8. High pressure flexible hose connections shall be prepared to connect it externally to boiler for hydro. 9. Top outlet flange shall be connected with drain valve for suitable draining/air release during hydro testing. 10. On completing all connections, the coils are to be hydro tested to 200-bar gauge pressure for ½ hour and is to be witnessed by Executive Engineer/MMO Supervisor 11. After satisfactory completion of hydro test, the boiler is to be offered for inspection by INSPECTOR OF BOILERS/DCIB. 12. The boiler is to be again hydro tested to the required pressure of 200 bar (G) in presence of Inspector of Boilers. 13. After satisfactory completion of hydro test by IBR inspector, the dummies are to be dismantled from the two nos of safety valves. 14. Safety valves are to be mounted in position with necessary bolts. 15. Roof coil Topside damper & door assembly and top flange cover to be assembled. Boiler Bottom air damper, air duct are to be assembled and all side insulations are to be repacked 16. By taking suitable care, Oil gun, burner assembly & torch are to be assembled with the existing marking.	1 AU

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SL. No	SCOPE OF WORK	QTY
20	HYDRO TESTING PREPARATION OF 2.5T/HR BOILER IN BUILDING-7 SCOPE OF WORK: 1.Roof coil Topside damper & door assembly and top flange covers to be removed. 2.Stainless steel cover and all insulations on roof top flange cover of the Boiler are to be removed. 3.The pressure gauge is to be dismantled and new calibrated valid dated pressure gauges are to be fitted as per direction from supervisor in charge of the work. 4.Boiler bottom side air damper all insulations are to be removed. 5.By taking suitable care Oil gun, burner assembly & torch are to be removed with suitable marking and safely keep it. 6.Safety valves two no's are to be dismantled and dummy flanges are to be fixed. 7.The coil assembly inside and top (COMBUSTION CHAMBER) is to be cleaned thoroughly with wire brush to clean the carbon deposits. Coil base should be cleaned thoroughly. 8.After cleaning of coil thoroughly, the system coils are to be hydro tested to 200-bar gauge pressure for ½ hour and is to be witnessed by Executive Engineer/MMO Supervisor 9.After satisfactory completion of hydro test, the boiler is to be offered for inspection by INSPECTOR OF BOILERS/DCIB. 10.The boiler is to be again hydro tested to the required pressure of 200 bar (G) in presence of Inspector of Boilers. 11.After satisfactory completion of hydro test by IBR inspector, the dummies are to be dismantled from the two no's of safety valves. 12.Safety valves two no's are to be mounted in position with necessary bolts. 13.Roof coil Topside damper & door assembly and top flange cover to be assembled. Boiler Bottom air damper, air duct is to be assembled and all side insulations are to be repacked 14.By taking suitable care, Oil gun, burner assembly & torch are to be assembled with the existing marking. General Terms and conditions: 1.Necessary materials, structural materials, rods, insulations material, fasteners, welding electrodes, oxygen, acetylene, argon, electricity, compressed air, water, heat resisting paint with thinner, painting brush etc. will be provided by BHEL free cost. 2.Welding Machine, welding cables, etc. will be provided by BHEL at free of cost. 3.Cutting set with hoses, and necessary tools & tackles required for the above work are to be brought by the contractor. 4.Collection of raw materials, consumables, insulation, etc. from inflammable /RPS/Pipe stores, transporting to the work spot, etc. is the scope of contractor with manpower. 5.After completion of all works, the unwanted materials, debris in the top floor, ground floor is to be removed and sent to disposal yard near the building by the contractor. 6.All safety precautions are to be strictly followed while working at height, during movement of materials, and other related works. 7.All safety precautions should be strictly followed 8.100% payment will be made after completion of work on pro rata basis 9.Period of contract is for ONE year from work order date.	2 AU

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GENERAL TERMS AND CONDITIONS FOR M&S MECHANICAL CONTRACTS

- 1) The workmen of contractor should be covered under PF/ESI, etc as per labour laws.
- 2) Safety precautions have to be ensured by the Contractor Depending on the work nature. Necessary work permit system and personal protective equipment's (PPE) such as electrical resistance rubber gloves, helmet, spectacle goggles, safety shoes, safety belt etc. as applicable to Mechanical works should be adhered while carrying out the work.
- 3) PPES for appropriate trade job has to be ensured by the contractor at the job site at all times.
- 4) The contractors may visit the area to assess the quantum of work before quoting.
- 5) The contractor should mention the point to point confirmation.
- 6) Contractor should commit for Terms and Conditions of the enquiry otherwise the offer shall be liable for rejection.
- 7) **TWO PART BID SYSTEM:** Contractor should send their offer for two part bid system as below
- 8) Contractor may visit BHEL Trichy premises to get acquaintance with quantum of day to day work before quoting.
- 9) The contractor should quote the exact time required to complete the work in their offer.

TENDERING CONDITIONS:

- a) The Bidders shall submit the offer in TWO PART BID SYSTEM (Part -I & II) along with EMD as indicated below which shall be sealed in ONE OUTER ENVELOPE.
- b) Envelope I- This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid. This envelope should be clearly marked "Part I - Technical and commercial bid", indicating Enquiry No., Due Date and Address & Reference of the Bidder. Envelope I should contain sealed EMD cover indicating the enquiry detail.
- c) Envelope II - This sealed envelope should contain price details. This envelope should be clearly marked as - "Part -II Price bid", indicating Enquiry No., Due Date and Address & Reference of the Bidder.
- d) Envelope III - This sealed envelope should contain requisite **EMD**. This envelope should be clearly marked as - "EMD COVER", indicating Enquiry No., Due Date and Address & Reference of the Bidder.
- e) All the three envelopes shall be put in one cover, duly sealed, super scribing as offer for Enquiry No., and due date of opening, Name of the work and the address and reference of the Bidder.
- f) The offer should reach this office on or before the due date by 14.00 Hrs. (IST). Late offers will not be considered.

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g) Tender should not be addressed to any Individual's name but only by designation to:

THE Dy. MANAGER,
MAINTENANCE & SERVICES / CONTRACTS,
2&4 BUILDING,
BHARAT HEAVY ELECTRICALS LIMITED,
HIGH PRESSURE BOILER PLANT,
TIRUCHIRAPALLI - 620 014.
TAMIL NADU, INDIA.

- h) Tenders should be free from CORRECTION AND ERASURES, Corrections if any, must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amount quoted in words and figures, amount quoted in words shall prevail.
- i) Offers should be in ENGLISH and accompanied by detailed Point to point confirmation of the scope of work.

OPENING OF TENDERS:

- a) The Part I - Technical & un-priced commercial bid and EMD Cover alone would be opened on the Tender opening date (as mentioned in the enquiry) by 14.30Hrs(IST)
- b) The Part II - Price bid of technically suitable Bidders alone would be opened. The Technically Suitable Bidders would be informed about the Price bid opening date.
- c) Clarifications if any required by BHEL for Technical evaluation would be sought from Bidders before opening of Part II - price bid.

GST:

1. Response to Tenders for Contractor will be entertained only if the vendor has a valid GST registration no which should be clearly mentioned in the offer. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer.
2. Contractor shall mention their GSTN registration number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc.
3. All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC (Services Accounting Code).

LD CLAUSE:

If the contractor fails to complete the work as per terms & conditions of the order within the delivery schedule, 0.5% of the order value will be deducted for each week of delay or part thereof subject to a maximum of 10% of the total contract value.

IMPORTANT NOTE: IF THE CONTRACTOR PERFORMANCE NOT ABLE TO FULFILL AS PER ENQUIRY REQUIREMENT, THEN THE CONTRACT SHALL BE SHORT CLOSED AT ANY TIME.

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COMMERCIAL TERMS AND CONDITIONS FOR M&S MECHANICAL CONTRACTS

- 1) 100% payment will be made after completion of entire work pro-rata basis on submission of invoice in triplicate duly certified by Area in – charge.
- 2) Attendance register should be maintained.
- 3) **Payment of EMD & SD must be in e-Collect mode only, while making such payment, Enquiry number may be mentioned in Remark column. Offers without EMD shall be liable for rejection.**

Procedure to remit money to BHEL Trichy's Account :

Login to : <https://www.onlinesbi.com/prelogin/icollecthome.htm?corpID=574693>

- a) Select State Bank Collect available on the top (pre login page)
- b) Accept the terms and conditions and click "PROCEED"
- c) Select State "TAMILNADU "and Institution type "INDUSTRY ".
- d) Select "BHEL TRICHY" under "INDUSTRY".
- e) In the next page, select APPROPRIATE category, fill details correctly & click "SUBMIT".
- f) If all details entered are correctly populated, click "CONFIRM "to proceed.
- g) Make payment as per your convenience. (Options available are payment of fees through **SBI Net Banking, State Bank ATM cum Debit Cards / Other Bank Debit / Credit Cards and through SBI Branches**).
- h) SAVE & Keep the copy of receipt for future reference.
- 4) Security Deposit shall be furnished by the successful vendor to the total contract value before starting the work. The total amount of Security Deposit will be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit. SD is forfeited in case of any failure in execution of the contract or due to any shortcomings observed in the documentation furnished earlier for getting qualified or in case the Contractor is banned.
- 5) An additional payment as per circular ref. BHE/HR/W/EW/31.03.2017 is to be paid to the contract workmen as below, over and above the minimum wages prescribed by the government of Tamil Nadu:
Unskilled - Rs.3690/-
Semiskilled - Rs.3990/-
Skilled - Rs.4170/-
- 6) Bonus @ 8.33 % to workmen to be paid.
- 7) **Rate should be quoted as per price bid.**
- 8) Taxes if any will be mentioned separately in the offer.
- 9) The rate that is offered should be comprehensive and no separate charges will be made towards expenses like travel, boarding and lodging.
- 10) The contractor should quote the validity of the offer.
- 11) If two or more vendors offer the same rate, negotiation will be conducted separately.
- 12) The contractor should remit the salary/wages for their workmen only through Bank. Monthly clearance will be given in respect of all contractors, if only the salary/ wages to the workmen has been remitted through the bank account of the contract workmen. The relevant Bank statement/proof for Bank payment should be produced along with PF and ESI challan to Welfare Section every month.

Certificate by Chartered Accountant on Letter Head

This is to certify that M/s. _____ (hereinafter referred to as 'company') having its registered office at _____ is registered under MSMED Act 2006, (Entrepreneur Memorandum No (Part II)) _____ dt. _____, Category: (Micro/Small). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the latest audited financial year _____ as per MSMED Act 2006 is as follows:

1. For Manufacturing Enterprises: Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No. S.O.1722(E) dated October 5, 2006):

₹ _____ Lacs

2. For Service Enterprises: Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act 2006):

₹ _____ Lacs

(Strike off whichever is not applicable)

The above investment of ₹ _____ Lacs is within permissible limit of ₹ _____ Lacs for _____ Micro / Small (Strike off which is not applicable) Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro/Small) (Strike off which is not applicable) and the date of graduation of such enterprise from its original category is (dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide S.O. No. 3322(E) dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date:

(Signature)

Name:

Membership number:

Seal of Chartered Accountant

SCHEDULE FOR PRICE BID

Sub: **HYDRO TESTING PREPARATION FOR BOILERS AT BUILDING-7**

Ref: Enquiry no: 9241700037 Dated 14/11/2017. Due date: 06/12/2017, 14.00 Hrs.

1) HYDRO TESTING PREPARATION FOR BOILERS AT BUILDING-7

Item No	Description	Qty	UOM	Rate	Value
10	Hydro Testing of 0.8T boiler	1	AU		
20	Hydro Testing of 2.5T boiler	2	AU		

❖ **Cumulative L1 will be consider for item (Sl. No 10-20)**

❖ **Taxes if any should be quoted extra.**

- 1)** Payment terms: Payment will be made after completion of work on pro rata basis on submission of invoice in triplicate duly certified by Engineer in Charge.
- 2)** Tax deduction will be made from every bill at the prevailing rate as per the Government rule and regulation from timeto time.
- 3)** Detailed scope of work and other terms and conditions are specified in the Technical Bid of the Tender.

Sign & Seal of Contractor