



# BHARAT HEAVY ELECTRICALS LIMITED

( A Government of India Undertaking )  
HIGH PRESSURE BOILER PLANT  
PURCHASE DEPARTMENT - FOSSIL BOILERS  
THIRUCHIRAPALLI - 620014  
TAMILNADU (INDIA)

PHONE :2577331  
GRAMS : BHARATELEC  
FAX NO: 2520719  
E-mail: srchandran@bheltry.co.in  
Web:

429-002/A


	<b>Enquiry No</b>	<b>Enquiry Date</b>	<b>Due Date for Quotation</b>
	2661500172 - 55	25.05.2015	19.06.2015
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order.			
<u>Bid should be submitted in Two Parts. 1. Techno-commercial Bid (Part-I) and 2. Price Bid (Part-II) in a separate sealed cover and both the covers must be placed in a Third Cover and Sealed. Our Enquiry No., Enq. date &amp; Enq. Due date must be written on all Three covers.</u>			

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	7520B1307100  3/4" Ball Valve, Construction details: Body: Single/Two Piece Common specifications for sl. no. 10 and 20: Ball Valve with full port, hand lever operated with Female BSP Threads. Basic Design: Manufacturing Std: API 6D, Testing and Inspection Std: API 6D/API 598, Class Rating: 150 CLASS, Working Temperature: 20 DEG C to 55 DEG C. Hydro Test Pressure: Body: 31 Kg/cm2 and Seat: 23 Kg/cm2 Medium: Compressed Air Operation: Hand Lever Manual Operated Construction details: Type of Port: Full Port Seat: PTFE Ends: SCREWED END WITH BSP FEMALE THREAD. Material of Construction: Body: ASTM A 216 GR WCB / ASTM A105 Ball, Stem and Gland: ASTM A 351 GR. CF 8 M / AISI 316 Seat Rings: PTFE Seals: PTFE Lever: Steel Nickel Plated with PVC hand sleeve Specific Note for all items(Item 10 to 40): (1)Drawing/Product catalogue is to be submitted along with the offer. (2)Material Test certificates, Hydro test certificates, pneumatic test certificates and fire safe test certificate (for item no.40)are to be submitted along with supply. (3)Warranty for all valves shall be given for a period of 18 months from the date of supply against Deficiency in performance and failure in materials and workmanship. VENDOR QUALIFYING CRITERIA; Only those vendors who satisfy the following conditions will get qualified to participate in the tender: (1) The following Make of Valves are	NO	100.000	100.00	31.08.15

The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening.Late and delayed offers are liable to be rejected.

Yours faithfully,  
For **BHARAT HEAVY ELECTRICALS LIMITED**

**V. CHELLIAH**  
Sr Manager / Purchase  
MM / RM / CP & SP  
BHEL, TRICHY . 620 014.

  
MANAGER / PURCHASE  
(FOSSIL BOILERS)  
Yours faithfully,



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23505

acceptable:

Audco / Fisher / MicroFinish / Fouress / Leader  
/ Lehry / Hawa /  
Flowjet.

(1A) The Ball Valve makes other than specified  
above shall be accepted  
,only if the Performance certificate along with  
purchase order for the offered make of Ball  
Valves from atleast TWO registered firm  
are to be submitted along with the  
offer.Otherwise the offer shall be  
rejected.

(2) The vendor shall enclose Valid DEALERSHIP  
certificate along with the  
offer. The offer without a valid dealership  
certificate is liable for  
rejection.

(3) BHEL reserves the right to verify the  
information provided by  
vendor. In case the information provided by  
vendor is found to be false  
/ incorrect, the offer shall be rejected.

20	7520B1307200	NO	50.000	50.00	31.08.15
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3/8 " Ball Valve, Construction details: Body :  
Single Piece/Two peice

30	7520B1307300	NO	100.000	100.00	31.08.15
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1 1/2" BALL VALVE.

SPECIFICATION:

Ball Valve with full port, hand lever operated  
with Flanged ends as per  
ANSI-B 16.5 and Class 150.

BASIC DESIGN:

Manufacturing Std: API 6D,  
Testing and Inspection Std: API 6D/API 598,  
Class Rating: 150,  
Working Temperature: 20 DEG. C to 55 DEG.  
C,

Hydro Test Pressure: Body; 31 Kg/cm2 and  
Seat ; 23 Kg/cm2,

Medium: Compressed Air,

Operation: Hand Lever Manual Operated.

CONSTRUCTION DETAILS:

Body: Two peice/Three Piece,

Type of Port: Full Port,

Seat: PTFE,

Ends: Raised Face Flange ends as per ANSI B  
16.5 Class 150.

MATERIAL OF CONSTRUCTION:

Body: ASTM A 216 GR WCB / ASTM A105,

Ball, Stem and Gland: ASTM A 351

GR. CF 8 M / AISI 316,

Seat Rings: PTFE,

Seals: PTFE,

Lever: Steel Nickel Plated with PVC hand sleeve

40	7520B2701700	NO	10.000	10.00	31.08.15
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tenderers who have submitted their offer and who may like to be present for the tender  
opening.Late and delayed offers are liable to be rejected.

Yours faithfully,  
For **BHARAT HEAVY ELECTRICALS LIMITED**

**V. CHELLIAH**  
Sr Manager / Purchase  
MM / RM / CP & SP  
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2" BALL VALVE

SPECIFICATION:

Fire safe design Ball Valve with full port, hand lever operated with Flanged ends as per ANSI-B 16.5 and Class 300.

BASIC DESIGN:

Manufacturing Std: API 6D,  
Testing and Inspection Std: API 6D/API 598,  
Class Rating: 300,  
Working Temperature: 20 DEG. C to 55 DEG. C,

Hydro Test Pressure: Body; 37.5 Kg/cm<sup>2</sup> and Seat ;27.5 Kg/cm<sup>2</sup>,

Medium: LPG,

Operation: Hand Lever Manual Operated.

CONSTRUCTION DETAILS:

Body: Two peice/Three Piece,

Type of Port: Full Port,

Seat: PTFE,

Ends: Raised Face Flange ends as per ANSI B 16.5 Class 300.

MATERIAL OF CONSTRUCTION:

Body: ASTM A 216 GR WCB / ASTM A105,  
Ball, Stem and Gland: ASTM A 351 GR. CF 8 M / AISI 316,

Seat Rings: PTFE,

Seals: PTFE,

Lever: Steel Nickel Plated with PVC hand sleeve.

### General Note:

GENERAL NOTE:PLEASE SUBMIT YOUR OFFER IN "TWO PART BID SYSTEM" AS PER THE ANNEXURES ENCLOSED.

ENCLOSURES:ANNEXURE II,III,IV,V,VI,VII.

All the tenders may be addressed to the following address:

**The Tender Opening Cell / MM  
Room No: 26, Building 24, Ground Floor  
Bharat Heavy Electricals Limited  
TIRUCHIRAPALLI 620014**

In case personal delivery of the offer, it shall be dropped into the respective box kept in Room No: 26, after duly entering the data in the system.

Offers will be accepted only up to 14.00 Hrs on the due date. Therefore, vendors shall ensure to submit the offers well before this time. All due date extension requirements should be addressed to the respective Purchase mail IDs. All the due date extension requests from vendors will be considered only up to 48 hours before the due date and time.

Vendors are requested to avoid submission of offers through e mail / fax. In case of any unavoidable situation, offers shall be sent through e mail to the following mail ID only

The offers should reach us 30 minutes before the time of opening of tenders.  
The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening.Late and delayed offers are liable to be rejected.

Yours faithfully,  
For BHARAT HEAVY ELECTRICALS LIMITED

**V. CHELLIAH**  
Sr Manager / Purchase  
MM / RM / CP & SP  
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tender\_cell@bheltry.co.in.

As tenders are being opened by Common Tender Opening Cell, offer covers should be sealed with tenderer's distinctive seal and super scribed with correct Tender No. item of supply and due date of opening.

The offers will be opened at 14.30 hrs on the due date of the tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

**Enclosures:**

"LD clause has to be confirmed without fail."

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MANAGER / PURCHASE  
(FOSSIL BOILERS)  
Yours faithfully,

**CAPITAL PURCHASE**  
**COMMERCIAL TERMS AND CONDITIONS**

**1.0 QUOTATIONS**

The Bidders shall submit the offer in **TWO INNER ENVELOPES** as indicated below which shall be sealed in one outer envelope.

**Envelope I** This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid & annexure III. This envelope should be clearly marked **'Part I - Technical and commercial bid'**,

Indicating Enquiry No., Due Date and Address & Reference of the Bidder.

**Envelope II** This sealed envelope should contain **price as per Annexure-IV format**. This envelope should be clearly marked **"Part II - Price bid"**, indicating **Enquiry No., Due Date and Address & Reference of the Bidder**.

Both the envelopes (Part I & II) shall be put in one cover (**Envelope III**), duly sealed, superscribing as Part I and Part II of Enquiry No., due date of opening and the address and reference of the Bidder

The above offer should reach this office on or before the due date by 14.00 hours (IST). Late offers will not be considered.

Tender should not be addressed to any individual's name but only by designation to

**The Tender Opening Cell/MM**  
**Room No-26 , Building – 24 , Ground Floor**  
**Bharat Heavy Electrical Limited**  
**Tiruchirapalli- 620014 .**

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.  
Offers should be in **ENGLISH** and accompanied by detailed technical literature, catalogue and detailed dimensional drawings in **ENGLISH** or otherwise, the offers will not be considered.

**2.0 OPENING OF TENDERS**

The Part I - Technical & commercial bid alone would be opened on the Tender opening date.

The Part II - Price bid of technically suitable Bidders alone would be opened. The Technically Suitable Bidders would be informed about the tender opening date through e-mail.

Clarifications if any required by BHEL for Technical evaluation **would be** sought from Bidders before opening of Part II - price bid

**For any queries clarifications the bidders may contact us through our FAX NO. +91 431 2520719 or through e-mail <ashokanand@bheltry.co.in >&< chells@bheltry.co.in>**

**Annexure For Techno Commercial Bid**

Check List - to be filled and submitted along with Technical Bid

BHEL Commercial Terms and Conditions for Indigenous Supplies	Vendor's Confirmation / Comments
Technical confirmation to BHEL's Specification as called for in BHEL Format shall be furnished. If needed additional sheets shall be used.	
Prices shall be <b>quoted item wise</b> only as per the model format enclosed	
Prices shall be quoted on " <b>FIRM PRICE</b> " basis only The prices should be only on <b>F.O.R / Despatching station</b> basis with <b>Packing &amp; Forwarding</b> charges if any. <b>Applicable % of ED &amp; Sales Tax, Freight &amp; Insurance, Installation &amp; Commissioning Charges should be clearly Indicated</b>	
<b>Validity of offer</b> shall be for a minimum period of 120 days from the date of Tender opening	
Delivery period from the date of Letter of Intent / Purchase order shall be clearly mentioned in the offer	
<b>Liquidated damages @ '0.5% per week</b> subject to a maximum of 10% of the order value shall be applicable for delay in deliveries <b>For Details Refer Annexure- v</b>	
<b>Following Risk Purchase clause</b> shall be applicable The purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated or if the same were not available, the best and the nearest available substitute therefore The supplier shall be liable for any loss which the Purchaser may sustain by reason of such risk purchases	
<b>Payment term for supply portion:</b> Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials <b>For details Refer Annexure- v</b>	
Erection / commissioning: (if applicable only) Erection / commissioning charges if any has been mentioned in the offer or else confirmation that Erection /commissioning shall be done at free of cost is available in the offer,	
The equipment shall be guaranteed for a period of 12 months from the date of commissioning	
Final inspection and acceptance of equipment will be after installation at BHEL, Trichy	
The vendor shall provide necessary drawings, Test Certificates and Operating Maintenance Manuals etc., as called for in the Technical Specification, in the required number of copies at no extra cost	
Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, Trichy basis.	
Offers should be submitted only in <b>sealed cover super-scribing clearly the Enquiry reference and due date.</b>	
% of Excise Duty with cess	
% of TAX (CST/VAT)-(INGST with FORM-17 or CST with C-FORM)	
Packing & Forwarding Charges ( if any in % only)	
Percentage of Freight& transit insurance charges, if any Freight charges from Dispatching station to BHEL, Tiruchirappalli • Supplier should quote for F.O.R-BHEL Trichy Stores.	
As per Commercial terms and conditions, acceptance for participation in Reverse auction (RA).Yes/No to be indicated	
Name of the person for participating reverse auction	
Land Line Number	
Fax Number	
Mobile Number	
E-mail ID	

NOTE:-

- a) It is confirmed that all the terms and conditions stipulated in the Enquiry have been fully understood by us and all clarifications & details have been obtained.
- b) Your offer should be indicating applicable if any P&F Charges, % of ED, Sales Tax -CST or VAT, Service Tax), Freight, Insurance and Installation and Commissioning Charges etc., as per our Price Format
- c) Your specific acceptance to our Payment terms, LD & Risk Purchase Clause are essential for consideration of your offer. Other wise your offer is liable for rejection.
- d) No row shall be left blank. Please indicate NA, in case the item is "not applicable"



<b>Payment Term (Indigenous)</b>	
<b>If materials are receivable at Stores/Trichy <u>without</u> PBG</b>	Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials.
<b>If materials are receivable at Stores/Trichy <u>with</u> PBG</b>	Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials and against 10% PBG valid for the warranty period.
Any deviation in the above payment term will attract loading as mentioned below. “Base rate of SBI (as applicable on the date of bid opening. Techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.	

Payment through Bank is not preferred. In case of Payment through Bank is opted by Supplier, BHEL prefers documents submission through bank with copy of LR and door delivery of Goods to Site/Stores with Consignee copy attached. In this case Loading will be 3% on the offered value.

Offers of indigenous Suppliers with payment terms as LC/Advance Payment are liable for rejection.

#### **Liquidated Damages / Penalty -**

Liquidated damages shall be 0.5% of the total order value per week or part thereof subject to a maximum of 10% of the total order value.

For staggered delivery schedule, LD shall be 0.5% of the undelivered portion per week of the delay or part thereof subject to a maximum of 10% of the total order value.

Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value).

#### **Guarantee / Warranty Period – (if applicable)**

Normally No deviation permitted and the deviated offers are liable for rejection.

#### **Ranking-**

BHEL will consider the ranking after the loading is applied as referred above wherever deviations are observed.

#### **Performance Bank Guarantee – (if applicable)**

Normally No deviation permitted and the deviated offers are liable for rejection.

#### **NOTE:-**

1. If the due date of tender opening happens to be a holiday, the tenders will be opened on the next working day.
2. BHEL reserves the right to go for a reverse auction (RA) instead of opening the submitted sealed bid which will be decided after technical evaluation. Information and general terms and conditions covering RA are given in commercial terms and conditions.
3. Corrigendum if any, with respect to this tender will be hosted only in the website <http://www.bhel.com> or <http://tenders.gov.in>. You are requested to visit the website regularly for updates.

**Special Provisions for Micro and Small Enterprises (MSE)**

1. 20% of the tendered quantity is earmarked for MSE suppliers in this tender.
2. Out of the 20% tendered quantity reserved for MSE suppliers, 4% shall be earmarked for procurement from MSE owned by SC/ST entrepreneurs.
3. In case MSE vendor participating in the tender quotes within the price band of L1+15%, they will be allowed to supply the portion of the requirement subject to acceptance of L1 price by MSE vendor. In case of more than one such MSE, the supply shall be shared proportionately.
4. "MSE suppliers can avail the intended 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 at Annexure -VII where deemed validity of EM II certificate of five Years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer."

**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) ..... dtd:.....,  
Category: ..... (Micro/Small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as on  
date..... 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 :  
Rs.....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:  
Rs.....Lacs

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

Date:

(Signature)

Name -

Membership number -

Seal of Chartered Accountant