



# BHARAT HEAVY ELECTRICALS LIMITED

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

PHONE :2577629  
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>
	2661400755 - 55	17.10.2014	11.11.2014
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order			

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	7534N0100100 Electro pneumatic regulator, Make: SMC, Part no. ITV2030-31F3N-Q, Set pressure range: 0.005 to 0.5 MPa, Port and thread size: G 3/8 inch, Input signal: Voltage type: 0-10 VDC, Output: Analog output 1-5 VDC, Without cable connector and CE compliant. NOTE FOR SL.NO. 10 TO 110: (1) Supplier should quote our quoted make model or its equivalent model in FESTO / SCHRADER DUNCAN / CAMOZZI Make only. The quoted model should be 1:1 equivalent to the principal make model ie Mounting and Function wise is acceptable otherwise the offer will not be considered. (2) The vendor shall submit the Technical Product catalogue/data sheet for their quoted model for Technical evaluation of the offer, otherwise the offer will not be considered. VENDOR QUALIFYING CRITERIA: Only those vendors who satisfy the following conditions will get qualified to participate in the tender: 1. Vendor should have minimum 2 years of experience in this field. 2. The vendor shall enclose Valid DEALERSHIP certificate along with the offer. The offer without a valid dealership certificate is liable for rejection. 3. Previous PO details for supplying similar kind of items to BHEL and/or any-other Organisation should be submitted along with offer. Otherwise offer will be rejected. 4. Company profile details has to be provided along with offer. 5. BHEL reserves the right to visit the vendor's works for verifying the manufacturing facilities and any other credential furnished by the vendor. In case the information furnished with the offers found to be false /incorrect, the offer shall be rejected.	NO	25.000	25.00	10.02.15

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**  
  
MANAGER / PURCHASE  
(FOSSIL BOILERS)  
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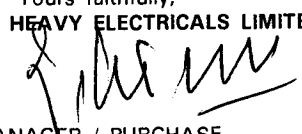
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Item No	Description	Quantity	Unit Price	Total Price	Delivery Date
20	7534N0100200 Precision regulator, Make: SMC, Part no. IR3020- F03, Regulating pressure range: 0.01 to 0.8 MPa, Port size: G 1/4 inch	NO	100.000	100.00	10.02.15
30	7534N0100300 Regulator, Make: SMC, Part no. IR2010-02G1. Precision pressure Regulator with pressure gauge, Thread size: G 1/4", Regulating range: 0.05 to 4 bar.	NO	100.000	100.00	10.02.15
40	7534N0201700 Air lubricator, Make: SMC, Part no. AL30- F02, Modular type lubricator, Port size: G 1/4 inch.	NO	5.000	5.00	10.02.15
50	7534N0301700 Air line equipment, Make: SMC, Part no. AC30-X4S98. The air line equipment consists of the following components: Filter Regulator, Pressure switch with Socket, Spacer brackets (SMC part no. Y300T), Double branch module (Branching module) and Switch valve. For all the components grid dimension is 55 mm. Filter regulator: Filter regulator combination combination; Thread size- G 3/8"; Fully automatic drain type (SMC part no. AW30-03G1D) Pressure switch: Pressure switch with Plug socket and scale for pressure adjustment; Thread size G 1/4"; 24V DC supply coil (SMC part no. IS1000M-30-6L) Switch valve: Electrically operated On off valve with 24V DC socket and plug. (SMC part no. AV3000-03-5DZ)	NO	5.000	5.00	10.02.15
60	7534A0310700 Pilot operated 2 port solenoid, Make: SMC, Part no. VXD230AG, Electrically operated 2/2 way valve, Thread size: G 1/4", Electrical coil- 24 V DC.	NO	3.000	3.00	10.02.15
70	7534A0310800 5/2 way solenoid valve, Make: SMC, Part no. SY9220-5D-02, Port size: 1/4"	NO	2.000	2.00	10.02.15

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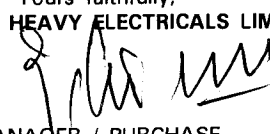
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Sl. No.	Part No.	QTY	UNIT	PRICE	DATE
80	7534E0302500 Throttle valve, Make: SMC, Part no. AS2201F-U01-08, One way flow control valve elbow outlet, Male connection: 1/8" threaded connection, Female connection: Push fitting, Tube OD- 8 mm, Operating pressure: 1 to 10 bar, Control type: Meter out.	4.000	NO	4.00	10.02.15
90	7534E0303400 Speed controller with pilot check valve with seals, Make: SMC, Part no. ASP530F-03-10S, Body size- 3/8", Cylinder side port size: R 3/8", Pilot side port size: R 1/8", Tube OD- 10 mm.	4.000	NO	4.00	10.02.15
100	7534R0011000 Air cylinder, Make: SMC, Part no. CD85N25-200-B. Double acting cylinder, Bore size: 25 mm, Stroke: 200 mm, Mounting style: Basic integrated clevis, Auto switch mounting type: Band mounting.	4.000	NO	4.00	10.02.15
110	7534R0011100 Air cylinder, Make: SMC, Part no. CP96SDB63-915, Double acting cylinder with end of stroke cushioning, Bore size: 63 mm, Stroke: 915 mm, Mounting style: Basic/ without bracket, Auto switch mounting type: Band mounting.	5.000	NO	5.00	10.02.15
120	7544A0500900 Poly Urethane (PU) Straight Tube for pneumatic applications (Blue colour) OD = 6 MM, ID = 4 MM, Max. air pressure: 10 bar. NOTE FOR SL.NO. 120 TO 230: 1. Make: FESTO / SMC / SCHRADER DUNCAN / CAMOZZI only acceptable otherwise the offer will not be considered. 2. The supplier should provide the technical data sheets/product catalogue along with the offer for technical assessment. Otherwise the offer will not be considered.	5.000	M	5.00	10.02.15
130	7544A0501000 Poly Urethane (PU) Straight Tube for pneumatic applications (Blue colour), OD = 8 MM, Min. 1 MM Thick, Max. air pressure: 10 bar.	5.000	M	5.00	10.02.15

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tenderers who have submitted their offer and who may like to be present for the tender  
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MANAGER / PURCHASE  
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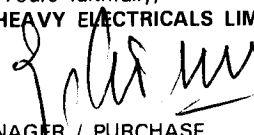
Sl. No.	Item Description	Quantity	Unit Price	Total Price	Delivery Date
140	7544A0501700 Poly Urethane (PU) Straight Tube for pneumatic applications (Blue colour) OD = 10 MM, Min. 1.25 MM Thick, Max. air pressure: 10 bar.	M	100.000	100.00	10.02.15
150	7544C1602500 One touch Straight push fitting, Tube OD- 10 mm, Thread size- R 1/2 " COMMON SPECIFICATION FOR SL.NO. 150 TO 230: WORKING MEDIA: AIR, WORKING PRESSURE: 0-10 KG/SQ.CM, AMBIENT TEMPERATURE: 0 - 60 DEG. C, APPLICABLE TUBE MATERIAL: POLY URETHANE.	NO	25.000	25.00	10.02.15
160	7544C1611500 One touch Female Connector, Thread Size: G 1/4" - 19 TPI, Tube OD: 8 mm	NO	25.000	25.00	10.02.15
170	7544C1611600 One touch Tee push fitting, Tube OD- 10 mm, Thread size- R 1/2 "	NO	25.000	25.00	10.02.15
180	7544C1611700 One touch Elbow push fitting, Tube OD- 10 mm, Thread size- R 1/2 "	NO	25.000	25.00	10.02.15
190	7544C1611800 One touch Push in fitting, Reducer Tube OD 10 mm to tube OD 8 mm,	NO	25.000	25.00	10.02.15
200	7544C1611900 One touch Push in fitting, Reducer Tube OD 8 mm to tube OD 6 mm,	NO	25.000	25.00	10.02.15
210	7544C1612000 One touch Straight Connector, Tube OD - 10 mm,	NO	25.000	25.00	10.02.15
220	7544C1612100 One touch Straight Connector, Tube OD- 08 mm,	NO	25.000	25.00	10.02.15
230	7544C1612200 One touch Straight Connector, Tube OD- 06 mm,	NO	5.000	5.00	10.02.15

### General Note:

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

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MANAGER / PURCHASE  
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ENCLOSURES:ANNEXURE II,III,IV,V,VI,VII.

**Enclosures:**

"LD clause has to be confirmed without fail."

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For **BHARAT HEAVY ELECTRICALS LIMITED**

  
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

**SENIOR MANAGER /PURCHASE/ CP & SP/ MM / MFG  
BHARAT HEAVY ELECTRICALS LIMITED  
HIGH PRESSURE BOILER PLANT  
TIRUCHIRAPALLI - 620 014  
TAMIL NADU**

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 <mmcpmfg1@bheltry.co.in >&< chells@bheltry.co.in>**

MM: CP &amp; SP

**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 <b>guaranteed for a period of 12 months from the date of commissioning</b>	
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:-

- 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.
- 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
- 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.
- 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.

<b>Liquidated Damages / Penalty -</b>
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).

<b>Guarantee / Warranty Period – (if applicable)</b>
Normally No deviation permitted and the deviated offers are liable for rejection.

<b>Ranking-</b>
BHEL will consider the ranking after the loading is applied as referred above wherever deviations are observed.

<b>Performance Bank Guarantee – (if applicable)</b>
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 MIS .....  
(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 per the latest audited financial year as per MSMED Act 2006 is as follows:

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 6. 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

(Strike off whichever is not applicable)

The above investment of Rs.....Lacs is within permissible limit of  
Rs..... Lacs for ..... Micro I 6small (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 .....  
(ddimmiyyy) which is within the period of 3 years from the date of graduation of such  
enterprise from its original category as notified vide S.D. 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