



# BHARAT HEAVY ELECTRICALS LIMITED

Page  
1/4

( 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:

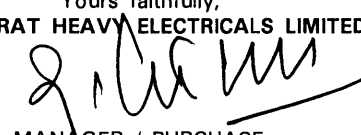
429-002/A

Enquiry No	Enquiry Date	Due Date for Quotation
2661400490 - 55	28.07.2014	27.08.2014

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	<p>Pump with motor assembly, Application: To circulate cooling water of the DG-set and PG Plant cooling tower, Pump Rated capacity: 80 M3/hr, Scope of supply: Pump with motor complete assembly One set consists of following items: (1)Pump: 1 No, (2)Electric motor: 1 No, (3)Common base frame for Both Pump and Motor : 1 No, (4)Coupling with Guards: 1 No, (5)Documentation 2 Sets of Hardbound and 1 softcopy of O and M manuals including all applicable test certificates. Common Specification for SI.No. 10 and 20: Supply of pump with energy efficient motor in coupled condition and coupling guard assembled in common base frame. (I) Pump details: Rating/Service: Continuous operation (24 x 7), Working media: Water, Maximum Working temperature: 60deg.C, Working pressure: 5 Kg/cm2(g), Suction Position: Horizontal (End) and End shall be Flange type as per ANSI B16.5 Class 150, Delivery position: Top or Horizontal End and End shall be Flange type as per ANSI B16.5 Class 150, Suction Size: To be specified by Offerer, Delivery Size: To be specified by Offerer, Impeller Diameter and Type: To be specified by the offerer, Shaft Seal: Mechanical seal arrangement or latest sealing arrangement which is acceptable to BHEL, Brake KW: To be specified by the offerer, Efficiency: To be specified by the offerer, Casing support: Foot mounted, Make: KIRLOSKAR / KSB / SULZER ONLY ACCEPTABLE other makes are liable for rejection, Model No : To be specified by the vendor, Pump standard: To be specified by the offerer. Material of construction for pump:</p>	SET	4.000	4.00	15.10.14

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)  
Yours faithfully,



# BHARAT HEAVY ELECTRICALS LIMITED

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

Page  
2/4

PHONE :2577629  
GRAMS : BHARATELEC  
FAX NO: 2520719  
E-mail: srchandran@bheltry.co.in  
Web:

2661400490 / 28.07.2014

Casing: Closed grained Cast Iron, Impeller:  
CF8M, Wear Ring (Casing):  
Cast Iron, Shaft: EN 8, Shaft sleeve: SS410,  
Shaft Seal : Mechanical  
seal arrangement or latest sealing arrangement  
which is acceptable to  
BHEL.

(II) Electric Motor details:

Make : ABB / Kirloskar / Siemens / Crompton /  
NGEF / Alstom only  
acceptable, Power rating: To be mentioned by  
vendor, Type: Energy  
efficient motor -EFF1, Duty: Continuous rating,  
Type and Other details:  
3 Ph A.C, 50 Hz, 415 V (+/-10%), Sq.Cage  
Induction Motor and TEFC, RPM:  
Vendor to specify, Insulation: Class F,  
Enclosure: IP/IC:55/411,  
Mounting: To be specified by Offerer,  
Efficiency: To be specified by the  
offerer.

Other items:

(1) Coupling and Guard: Type to be specified  
by the offerer.

(2) Painting: 2 coats of primer and 2 coats of  
final paintings.

(3) Pre-despatch inspection:

After placement of purchase order, Complete  
assembly shall be offered  
for inspection at suppliers works to BHEL  
official within 11 weeks. For  
that the supplier should send pre despatch  
inspection call letter to  
BHEL official.After receipt of pre despatch  
inspection call letter the  
BHEL official will visit the supplier's works  
within 1 week.This period  
(11+1=12 weeks)should be taken into account  
while quoting delivery  
period by the supplier.

(4) Foundation Details:

Concrete foundation work will be done by BHEL  
for which foundation  
drawing to be submitted by successful vendor.

(5) Warranty:

Warranty for pump and motor shall be given for  
a period of 12 months  
from the date of commissioning or 18 months  
from the date of supply  
which ever is earlier, against deficiency in  
performance and failure in  
materials and workmanship.

(6) GA Drawing and technical data sheet to be  
submitted along with

offer, otherwise offer will not be considered.

NOTE for Sl. 10 and 20:

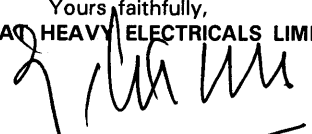
The offerer shall submit the offer in two part  
bid system.

VENDOR QUALIFYING CRITERIA

Only those vendors who satisfy the following

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)  
Yours faithfully,



# BHARAT HEAVY ELECTRICALS LIMITED

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

Page  
3/4

PHONE :2577629  
GRAMS : BHARATELEC  
FAX NO: 2520719  
E-mail: srchandran@bheltry.co.in  
Web:

2661400490 / 28.07.2014

conditions will get

qualified to participate in the tender:

1.Only those vendors either OEM or its authorised dealers, who have

Supplied and commissioned KIRLOSKAR / KSB / SULZER Make Water Pumps of capacity minimum 25m<sup>3</sup>/Hr in the past five years for which P.O copy is to be submitted along with the offer.

2.The authorised dealers should submit the copy of valid authorised dealership certificate along with offer.

3.Previous PO details for supplying similar kind of items 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.

20

SET

2.000

2.00

15.10.14

Pump with motor assembly, Application: To circulate cooling water of the recirculation water system, Pump Rated capacity: 25 M<sup>3</sup>/hr.

The foot valve of the pump to be at a depth of 3 metres from the suction position of the pump (the pump is required to pump water from 3 metre depth tank),

Pump suction side:

Suction pipe of 3 metre depth from the pump suction centre position with foot valve at the bottom of the suction pipe to be provided.

Pump delivery side:

Suitable sized non return valve and a cast steel gate valve to be assembled at the delivery side of the pump.

Scope of supply:

Pump with motor complete assembly One set consists of following items:

(1)Pump: 1 No, (2)Electric motor: 1 No,

(3)Common base frame

for Both Pump and Motor : 1 No, (4)Coupling with Guards: 1 No,

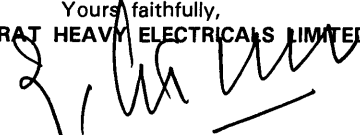
(5)Suction pipe of 3 metre length with foot valve: 1No,(6)Non return

valve at delivery pipe : 1 No., (7)Gate Valve at delivery pipe: 1 No.

,(8)Documentation 2 Sets of Hardbound and 1 softcopy of O and M manuals

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)  
Yours faithfully,



# 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:

Page  
4/4

2661400490 / 28.07.2014

including all applicable test certificates.

**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.

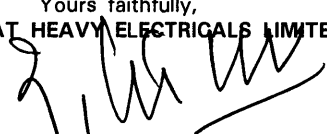
**Enclosures:**

"LD clause has to be confirmed without fail."

"Payment to vendors will be made only thro E-Payment mode"

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)  
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 & 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 "FIRM PRICE" basis only The prices should be only on F.O.R / Despatching station basis with Packing & Forwarding 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 I 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.0,1722(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 6mall (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