



General Note: **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 : 2577645  
GRAMS : BHARATELEC  
FAX NO: 2520719  
E-mail :  
Web :

429-002/A

	<b>Collective No.</b>	<b>Enquiry Date</b>	<b>Due Date For Quotation</b>
	2691300113	24.10.2013	08.11.2013
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>Specifications: A table top, automatic, micro-processor controlled electrolytic polishing and etching equipment along with accessories and spares, as follows: 1. The machine shall be table top model, highly precise, user friendly and easy to operate. 2. The system should consist of: Control unit, polishing unit, electrolyte containers, mask and service kit. 3. The control unit should be a separate detachable unit from the polishing unit, so that the polishing unit can be kept away and it can be operated from a distance 4. Multiple mask set with three different size apertures and two without aperture should be quoted. 5. Main supply 230V, 50Hz, Single phase 6. Scanning function, It should be possible to determine the current density curve, automatically by scanning the sample at pre-defined voltage range and the equipment should automatically select correct polishing and etching voltage. 7. It should have both programming and monitoring functions. The on-going process should be displayed with the parameters like current, electrolysis temperature and elapsed polishing /etching time. 8. It should have a display and touch pad control. 9. It should be possible to set a temperature limit for electrolyte at which the cooling (either with tap water or an external liquid) is started automatically and the cooling should stop as soon as the electrolyte is cooled to the set temperature. 10. In the event of the failure of cooling system, there should be a warning system and the unit should shut-off the</p>	NO	1.000	1.00	30.12.13

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)



# BHARAT HEAVY ELECTRICALS LIMITED

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

Page:2/4

2691300113 / 24.10.2013

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process automatically.  
Protection- For Over Loading Current, Short  
Circuit, optical isolation  
11. There should be facility to connect the  
polishing unit to an  
external cooling unit.  
12. Spare parts (polishing probe, etching probe,  
etching lead with clam,  
sheaths for polishing tip, polishing liquid,  
etching lead) should be  
quoted for consumables.  
13. Operating and service manuals as soft copy  
and hard copy in English.  
14. Output voltage / current specifications:  
Polishing: 0-100 V (1 V steps)  
minimum  
Etching: 0-10 V (0.5 V steps) minimum  
External etching: 0-10 V (0.5 V steps)  
minimum  
Automatic electrolytic  
polishing M/c

**General Note:**

PL. SUBMIT YOUR OFFER ON F.O.R/BHEL-TRICHY (TAMILNADU) BASIS AND IN TWO  
PART (TECHNO-COMMERCIAL BID AND PRICE BID)IN A SEPARATE COVER.

IF THE OFFER IS SUBMITTED IN SIGNLE PART AND THE SAME WILL BE LIABLE FOR  
REJECTION.

ANNEXURE-III ENCLOSED HEREWITH MUST BE FILLED, SIGNED AND SUBMITTED  
ALONG WITH YOUR OFFER.

WE MAY GO FOR REVERSE AUCTION (RA)- ONLINE BIDDING IF REQUIRED FOR THIS  
TENDER.

ENCLOSURE: ANNEXURE - III

**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,

## MM: CAPITAL EQUIPMENT

**Bharat Heavy Electricals Limited, Trichirapalli – 620 014**  
**(To be filled and submitted along with Offer)**

**BHEL Enquiry No.:**

**Date:**

<b>BHEL Commercial Terms and Conditions for IMPORT SUPPLIES</b>	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.	<b>To be furnished along with offer</b>
<b>Prices</b> shall be <b>quoted item wise</b> only.	
Prices shall be quoted on " <b>FIRM PRICE</b> " basis only. The prices should be only on FOB/FCA basis inclusive of Packing & Forwarding charges if any.	
<b>Validity of offer</b> shall be for a minimum period of 120 days from the date of Tender opening	
<b>Delivery period</b> from the date of Letter of Intent shall be clearly mentioned in the offer.	
<b>Liquidated damages @ ½% per week</b> subject to a maximum of 15% of the order value shall be applicable for delay in deliveries.	
<b>Payment terms for Foreign vendor (Principal):</b> 100% value of the goods will be paid through an irrevocable Letter of Credit established by our bankers. (OR ) 100% payment on CAD (CASH AGAINST DOCUMENTS) BASIS <b>All bank charges outside India are to vendor's account only. Any advance payment or payment before dispatch is not acceptable to us and If you fail to accept our payment terms, your offer is liable for rejection.</b>	
<b>Payment terms for Indian Agent:</b> Indian Agency commission, if any, shall be clearly specified in the offer and the same will be paid in Indian Rupees against acceptance / commissioning of the equipment.	
Part Shipment or Transshipment is not permissible	
In case of any short shipment in the spares, where separate rates are not available in the contract, the customs duty levied on such supplies, shall be borne by the supplier / Indian agent.	
Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, Trichy basis.	
Equipment will be inspected and proved at vendor's works prior to dispatch. However final inspection and acceptance of equipment will be after installation at BHEL, Trichy.	
The equipment shall be guaranteed for a period of 12 months from the date of commissioning.	
<b>Offers</b> should be submitted only in <b>sealed cover superscribing clearly the Enquiry reference and due date.</b>	

**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) The prices are to be offered only on FOB/FCA basis, inclusive of Packing & Forwarding charges if any.
- c) Your specific acceptance to BHEL Payment terms & LD are essential for consideration of your offer. Otherwise your offer is liable for rejection.

Signature & Office Seal of the vendor

**Bharat Heavy Electricals Limited, Trichirapalli - 620 014**

**MM : CAPITAL PURCHASE**

**(To be filled and submitted along with offer )**

<b>BHEL Commercial Terms and Conditions for Indigenous Supplies</b>	<b>Vendor's Confirmation / Comments</b>
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 only</b> 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 inclusive of <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 shall be for a minimum period of 120 days</b> from the date of Tender opening	
<b>Delivery period</b> from the date of Letter of Intent / Purchase order shall be clearly mentioned in the offer.	
<b>Liquidated damages</b> @ $\frac{1}{2}\%$ per week subject to a maximum of 15% of the order value shall be applicable for delay in deliveries.	
<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 terms for supply portion:</b> <ul style="list-style-type: none"><li>• 100% payment will be made within 45 to 90 days after receipt and acceptance / commissioning of goods at BHEL. against submission of PBG for 10% of Order value with required validity. (or)</li><li>* 80% value of the goods will be paid within 45 to 90 days against dispatch documents, negotiated through bank. Balance 20% will be paid within 45 to 90 days from the date of acceptance / commissioning of goods against submission of supplementary invoice and also against submission of PBG for 10% of Order value with required validity. <b>All bank charges are to vendor's account only.</b></li></ul>	
<b>Erection / commissioning:</b> Erection / commissioning shall be done at free of cost.	
The equipment shall be guaranteed for a period of 12 months from the date of commissioning.	
Equipment will be inspected and proved at vendor's works prior to dispatch. However 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>	

**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 & Submission of PBG for 10% of the order value are essential for consideration of your offer. Other wise your offer is liable for rejection.

Signature & Office Seal of the vendor

7