



# BHARAT HEAVY ELECTRICALS LIMITED

( 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: srchandran@bheltry.co.in  
Web:

429-002/A

<b>Vendor Code :</b> 14788	<b>Enquiry No</b>	<b>Enquiry Date</b>	<b>Due Date for Quotation</b>
<b>Vendor Name :</b> VAMARA TECHWARE 9TH STREET, DR. JAGANATHAN NAGAR, CIVIL AERO POST, COIMBATORE India PIN- 641014	2691400069 - 41	20.06.2014	15.07.2014
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	<p>THERMAL IMAGER</p> <p>1.0 Purpose</p> <p>1.1 Purpose:To measure the PCB IC &amp; Discrete Components temperature of the control panels</p> <p>1.2 Jobs to be analyzed PCB, Terminal Blocks, ICs, Passive Components, Wirings, Terminations, Fuses, MCBs, Relays &amp; other electrical components.</p> <p>2.0 Principle of operation:Noncontact IR Based</p> <p>3.0 Configuration</p> <p>3.1 Temperature Range :-10 C to + 240 C or Better</p> <p>3.2 Emissivity adjustable :0.10 to 1.00 or Better</p> <p>3.3 Display resolution :0.1 deg. C or Better</p> <p>3.4 Accuracy :+ /- 2% or Better full scale</p> <p>3.5 Repeatability :1% or better</p> <p>3.6 Spectral response :7.5 µm to 14 µm or Better</p> <p>3.7 Thermal sensitivity :100mK or Better</p> <p>3.8 Response time :500ms or Better</p> <p>3.9 Image refresh rate :9 Hz or Better</p> <p>3.10 Temperature Display :Selectable Deg. F &amp; Deg. C</p> <p>3.11 Power Source :The equipment shall work with rechargeable battery &amp; should give min. 3 Hrs of operation.</p> <p>3.12 Internal Memory :1 GB or More</p> <p>3.13 Operating Temperature :0 to 45 Deg.C or Better</p> <p>3.14 Optical / Real Imager :Not Required</p> <p>3.15 Housing Protection Class:IP 44 or Better</p> <p>4.0 Display:Digital display with LCD screen of 2.2# or more</p> <p>4.1 Display Resolution :100x100 pixels or Better</p>	SET	1.000	1.00	01.09.14

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,



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4.2 Analysis Function :Centre Point  
with Hot-Spot &  
Cold-Spot Indications/Measurements

4.3 File Format :Jpeg and  
Proprietary viewable with  
system software

5.0 Calibration:Supplier should provide  
calibration certificate

6.0 Accessories: List of accessories to be  
provided along with offer

Vendor has to specify the entire list of  
accessories like Battery  
charger, Carry Case, Data Cable etc

7.0 Spares:List of essential spares:Vendor has  
to provide the list.

8.0 Service manual:One copy per instrument  
has to be provided

9.0 Pre dispatch Inspection The total assembly  
of equipment shall be  
tested for its performance by the supplier at  
suppliers work and test  
certificate shall be provided prior to dispatch.

10.0 Erection & Commissioning:Erection &  
commissioning

& performance prove out Commissioning &  
Prove out has to be  
done at BHEL Trichy by the supplier along with  
training sessions for the  
engineers to handle the equipment.

11.0 Guarantee:12 months from the date of  
commissioning or 18 months  
from the date of supply whichever is earlier.

Thermal Imager

## **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.

THIS TENDER IS HOSTED IN BHEL WEBSITE VIDE NIT REF. \_\_\_\_\_ DT. \_\_\_\_\_  
AND ANY CORRIGENDUM MAY PL BE VIEWED IN THE BHEL WEBSITE (HTTP://  
WWW.BHEL.COM)

ENCLOSURE: ANNEXURE - III

MSME VENDOR GIDE LINES WILL BE FOLLWDED FOR THIS TENDER

## **Enclosures:**

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tenderers who have submitted their offer and who may like to be present for the tender  
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"LD clause has to be confirmed without fail."  
"Payment to vendors will be made only thro E-Payment mode"

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# COMMERCIAL TERMS& CONDITIONS

# ANNEXURE-III(m)

Bharat Heavy Electricals Limited, Tiruchirapalli – 620 014, Tamilnadu

MM: CP & SP

(Check List - to be filled and submitted along with Techno-Commercial Bid)

Sl. No.	BHEL Commercial Terms and Conditions for Indigenous Supplies	Vendor's Confirmation / Comments
1	Bid should be submitted in <b>Two Parts</b> . 1. Techno-commercial Bid (Part-I) and 2. Price Bid (Part-II) in a <b>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</b>	
2	Technical confirmation to BHEL's Specification shall be furnished. If needed additional sheets shall be used.	
3	<b>Prices shall be quoted item wise only.</b>	
4	Delivery INCO TERMS- Price quoted <b>-FOR BHEL TRICHY, STORES or ex- WORKS Basis or, FOR WORKS (DESPATCHING STATION)</b> <b>In case of EX works / FOR WORKS basis, indicate the Despatching station.</b>  Prices shall be quoted on <b>"FIRM PRICE"</b> basis only.	
5	<b>Validity of offer</b> shall be for a minimum period of 120 days from the date of Tender opening	
6	<b>Delivery period</b> from the date of Letter of Intent / Purchase order	
7	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).	
8	<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>Note:</b> Only Direct Payment after goods receipt & acceptance will be accepted .Above payment term acceptance is essential for consideration of your offer  <b>Any deviation in the above payment term will attract loading as mentioned below.</b> <b>"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.</b>  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 Stores with Consignee copy attached. In this case Loading will be 3% on the offered value. Offers of indigenous Suppliers with payment terms as <b><u>LC/Advance Payment are liable for rejection.</u></b> <b>Important Note: BHEL will consider the ranking after the loading is applied as referred vide Sl. No. 7&amp; 8 above wherever deviations are observed.</b>	
9	<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.	
10	<b>Erection / commissioning: (if applicable only)</b> 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.	
11	The equipment shall be guaranteed as per tender condition from the date of receipt & acceptance./(commissioning (commissioning date ,if applicable as per tender condition)  Normally No deviation permitted and the <b><u>deviated offers are liable for rejection.</u></b>	

**COMMERCIAL TERMS& CONDITIONS**

**ANNEXURE-III(m)**

12	Equipment will be inspected at vendor’s works prior to dispatch if applicable. However final inspection and acceptance of equipment will be after installation at BHEL, Trichy, Tamilnadu.	
13	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.	
14	Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, Trichy, Tamilnadu basis.	
15	Performance Bank Guarantee, if applicable as per tender condition. Normally No deviation permitted and the <b><u>deviated offers are liable for rejection.</u></b>	
<b>OTHER DETAILS REQUIRED</b>		
16	% of Excise Duty with cess	
17	% of TAX (VAT) (TNGST with FORM-17)	
18	% of TAX (VAT) without form	
19	% of TAX (CST) (CST with C-FORM)	
20	% of TAX (CST) without form	
21	Packing & Forwarding Charges ( <b>in % only</b> )	
22	Freight& transit insurance charges, if any( <b>in % only</b> ) Freight charges from Dispatching station to BHEL, Tiruchirapalli (Note: If the delivery terms is Ex Works the materials has to be sent through BHEL approved carrier only ,in this case the freight will be borne by BHEL)	
23	Approximate Net weight of the total consignment	
24	Approximate Gross weight of the total consignment	
25	Approximate Dimensions of the Consignment	
26	Name of the contact person	
27	Land Line Number	
28	Fax Number	
29	Mobile Number	
30	E-mail ID	
31	PAN No.	
32	CST No.	TIN No.

- 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) Applicable % of ED, Sales Tax -CST or VAT, Service Tax), Freight, Insurance and Installation and Commissioning Charges etc., are indicated in offer.

Full postal Address:

Signature & Office Seal of the vendor

**Note:-**

Your specific acceptances to our Payment terms, LD & Risk Purchase (RP) Clause are essential for consideration of your offer. Otherwise your offer is liable for rejection.  
No row shall be left blank. Please indicate NA, in case the item is “not applicable