



An ISO 9001  
Company

# Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

<b>ENQUIRY</b>  <b>NOTICE INVITING TENDER</b>	Phone: +91 431 257 79 80 Fax : +91 431 252 00 31 Email : <a href="mailto:Ins@bheltry.co.in">Ins@bheltry.co.in</a> Web : <a href="http://www.bhel.com">www.bhel.com</a>
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<b>TWO PART BID</b> Tender to be submitted in two Parts	Enquiry Number: <b>2631500014</b>	Enquiry Date: <b>19.09.2015</b>	Due date for submission of quotation: <b>12.10.2015</b>
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You are requested to quote the Enquiry number date and due date in all your correspondence. This is only a request for quotation and not an order.


Please note that under any circumstances both delayed offer and late offers will not be considered. Hence vendors are requested to ensure that the offer is reaching physically our office before 14.00 hrs on the Date of tender opening.

Item	Description	Qty.	Delivery Required	Delivery Terms Required
10	Handheld Digital Non-Contact Infrared Type Temperature Indicator as per the technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	10 Nos.	2 months from the date of Purchase Order	F.O.R, BHEL Stores, Tiruchirappalli.

**Important points to be taken care during submission of offer:-**

1. Compliance Form No. TRY/IMP/04 & TRY/IND/04A to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
2. Material shall be delivered to FOR ,BHEL Stores, HIGH PRESSURE BOILER PLANT, BHARAT HEAVY ELECTRICALS LIMITED, Tiruchirappalli- 620014, Tamilnadu State.
3. The time period required for Erection & Commissioning of the item shall be 2 Weeks from the date of intimation from BHEL requesting supplier to depute Service Engineers about site readiness
4. All updates, amendments, corrigenda, etc., (if any), for each tender will be posted only on the above websites from time to time, as and when required, until each tender is opened. There will be no publication of such updates, amendments, corrigenda, etc., through newspapers or any other media.

BHEL's General guidelines / instructions (refer MM/CE/GENL/001) including bank guarantee formats and list of consortium banks, commercial terms Compliance Form can be downloaded from BHEL web site <http://www.bhel.com> or from the Government tender website <http://tenders.gov.in> (public sector units > Bharat Heavy Electricals Limited page) under Enquiry reference "2631500014"

Tenders should reach us before 14:00 hours on the due date Tenders will be opened at 14:30 hours on the due date Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present	Yours faithfully, <b>For BHARAT HEAVY ELECTRICALS LIMITED</b>  SDGM / Capital Equipment / MM <b>L.N. SEKAR</b> Sr. Dy. General Manager Capital Equipment / MM BHEL, Tiruchirappalli - 620 014
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**PART - A**  
**QUALIFYING CRITERIA FOR**  
**HANDHELD DIGITAL NON CONTACT INFRARED METAL TEMPERATURE**  
**INDICATOR**

**Section-I**

The BIDDER/VENDOR has to compulsorily meet the following requirement to get qualified for submitting an offer for Hand held Digital Non contact Infrared metal Temperature Indicator

S.No	BHEL Specification	Vendor's Offer
<b>1.0</b>	<b>QUALIFYING CRITERIA</b>	
1.1	The BIDDER / VENDOR (OEM) shall have a minimum of last FIVE Years of Continuous Experience in the Design, Manufacture & Supply of "HAND HELD DIGITAL NON CONTACT INFRARED METAL TEMPERATURE INDICATOR". Vendor to indicate the actual no. of years of experience in the field	
1.2	Only those vendors (OEMs), who have Manufactured and commissioned <b>at least TWO numbers of Hand Held Digital Non contact Infrared Metal Temperature Indicator</b> in the last FIVE years (as on date of opening of Tender) and such instrument is presently working satisfactorily should quote.	
1.3	Vendor has to submit <b>at least one Performance Certificate</b> from any of their customers, for satisfactory performance of the <b>quoted model of Hand Held Digital Non contact Infrared Metal Temperature Indicator</b> supplied to them with in the last five years and is working satisfactory for a a minimum period of <b>one year</b> from the date of commissioning (as on original date of opening of tender). For obtaining the Performance certificate, a suggestive format is provided.	
1.4	BHEL reserves the right to verify the information provided by the vendor. In case the information provided by the vendor is found to be false/ incorrect ,The offer shall be rejected.	

**Section-II**

<b>2.0</b>	<b>INFORMATION TO BE PROVIDED BY VENDOR</b>	
2.1	Year of launch of the model quoted against this enquiry	
2.2	Number of "HAND HELD DIGITAL NON CONTACT INFRARED METAL TEMPERATURE INDICATOR" supplied and commissioned till date in the quoted model.	
2.3	The BIDDER/VENDOR to furnish Reference List of Customers	
2.4	Contact details(phone no & email id) including the Address of Agents / Service Centres in India to be provided	

Suggestive Format of Performance Certificate:

The performance certificate should be produced **on Customer's Letter Head.**

**PERFORMANCE CERTIFICATE**

- 1 Supplier of the instrument
- 2 Make & Model of the instrument
- 3 Month & Year of Commissioning
- 4 a. Jobs for which instrument is used  
b. Job temperature range measured by using this instrument
- 5 Performance of the instrument                      Satisfactory / Not Satisfactory  
(Strike off whichever is not applicable)
- 6 After sales service                                      Satisfactory / Not Satisfactory  
(Strike off whichever is not applicable)
- 7 Any Other remarks

Signature & Seal of the Authority  
Issuing the Performance Certificate

Contact details of issuing authority  
Name & Designation:  
Office No/ Mobile no:  
Email ID:

**TECHNICAL SPECIFICATION FOR HAND HELD DIGITAL NON CONTACT INFRARED METAL TEMPERATURE INDICATOR**

**BRIEF DESCRIPTION:**

Temperature indicator is required for measuring metal temperature.

**TECHNICAL SPECIFICATION**

**Qty:10 Nos**

SL.NO	Description	BHEL REQUIREMENT	Bidder' comment
<b>1.0 Purpose</b>			
1.1	Purpose	To measure metal temperature	
1.2	Jobs to be analyzed	Pipes, Tubes, Plates, Weldments, Fittings & Castings of <b>Carbon Steel, High Alloy Steel, Low Alloy steels,Stainless Steel, Nickel based alloys etc</b>	
<b>2.0 Principle of operation</b>			
2.1	Principle of operation	Non-contact, Infra-Red Type	
<b>3.0 Equipment Configuration</b>			
3.1	Weight	Hand held, less than 1000 gms.	
3.2	Distance to Spot ratio	30 : 1 or higher	
3.3	Temperature Range	0 deg. C to 1000 deg. C	
3.4	Emissivity adjustable	To be adjustable. Vendor to specify the range	
3.5	Display resolution	1 deg. C	
3.6	Accuracy	+/- 2Deg. C for temp <200 deg.C +/- 2% for temp >200 deg.C	
3.7	Laser Pointer	To indicate the spot of measurement	
3.8	Size of Measurement Spot	Vendor to specify	
3.9	Response time	Maximum 600ms.vendor to specify	
3.10	Temperature Display	Deg. F & Deg. C	
3.11	Power Source	The equipment shall work with rechargeable battery pack. One complete recharge should give minimum 10Hrs of operation.	
3.12	Battery size & quantity	Vendor to indicate	
3.13	Ambient Operating Temperature	0 to 50 Deg.C	
<b>4.0</b>	<b>Display</b>	Digital display with LCD/LED screen	
4.1	Display hold	Around 8 seconds preferred	
<b>5.0</b>	<b>Calibration</b>	Supplier should provide authorized NABL accredited lab calibration certificate for each equipment.	
<b>6.0 Accessories</b>			
6.1	List of accessories to be provided along with offer	Vendor has to specify the entire list of accessories like Battery charger, carry bag etc	
<b>7.0 Spares:</b>			
7.1	List of essential spares	Vendor has to provide the list.	
<b>8.0</b>	<b>Service manual</b>	One copy per instrument has to be provided	
<b>9.0</b>	<b>Pre dispatch Inspection</b>	The total assembly of equipment shall be tested for its performance by the supplier at supplier's work prior to dispatch of the equipment and test certificate indicating serial number of the equipment shall be provided	
<b>10.0 Erection &amp; Commissioning</b>			
10.1	Erection & commissioning & performance prove out	Commissioning & Prove out to be done at BHEL,Trichy works by the vendor	
<b>11.0 Guarantee</b>			
11.1	Guarantee	12 months from the date of commissioning or 18 months from the date of supply whichever is earlier.	