



Bharat Heavy Electricals Limited
(Seamless steel Tube Plant)
Tiruchirappalli – 620014, TAMIL NADU, INDIA

TITLE: SUPPLY OF HAND HELD CALIBRATOR	Phone: +91 431 257 8428 Email : rbmurugan@bheltry.co.in Web : www.bhel.com
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Reference Number: 9331275E	Date: 29/01/2014	Due date for submission of application: 24/02/2014
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A. BHEL/SSTP, Trichy is looking for vendors to supply HAND HELD CALIBRATOR as per Tender documents attached.

B. Important Note to New Vendors

The new vendors will be required to furnish the following documentary proof/ information along with their offers:

1. Certificate of registration (copy of certificate to be submitted).
2. Banker's information (copy of bank pass book first page to be submitted).
3. MSME vendor certificate (if applicable).
4. Address of your organization (complete postal address with PINCODE).
5. Contact person's Phone No. /Mobile No. / FAX No. /E-mail ID.
6. Statutory documents – VAT / TIN / EXCISE REGISTRATION / CST REGN / SERVICE TAX REGISTRATION etc. (copy to be furnished)
7. NSIC/SSI Certificate (if applicable)
8. ISO Certificate (if applicable)
9. Experience certificate as proof of supply of similar items to any Govt. agencies / PSU / Organisations (copy of PO's to be furnished).
10. Audit Report/ IT Return (if applicable)
11. Agency agreement with manufacturer (if applicable)
12. Partnership Deed (if applicable).

If the new vendors fail to submit the above documentary proof/information, their offers will not be considered for this enquiry.

Senior Manager / Purchase /SSTP
Phone: 0431-257 8428.
Mail: rbmurugan@bheltry.co.in



BHARAT HEAVY ELECTRICALS LTD.
(A GOVERNMENT OF INDIA UNDERTAKING)
SEAMLESS STEEL TUBE PLANT
TIRUCHIRAPPALLI - 620 014.
TAMIL NADU.

PHONE : 0431-2578480,
2578547,2578428,
2578406
FAX : 0431-2520464/383

TIN : 33243560005
CST No. 239383
Dated 11.06.1991

PURCHASE ENQUIRY

VENDOR CODE 25002	ENQUIRY NUMBER 9331275E	ENQUIRY DATE 29/01/2014	ENQUIRY DUE DATE 20/02/2014	No.OF ITEMS 01
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Office Copy

- IMPORTANT POINTS :**
1. Tender Closing Time - 14.00 Hrs.
 2. Tender Opening Time - 15.00 Hrs.
 3. Tender should be submitted in a sealed cover, duly indicating enquiry No., Enquiry date & Enquiry Due Date on the cover.
 4. Offer(s) received through Courier Services after 14.00 Hrs. on Enquiry Due Date will not be considered.
 5. Late Tender (s) is/are liable for rejection.
 6. Other(s) shall be valid for 60 days from Enquiry Due Date.
 7. Offer(s) in Vendor's Letter-Head shall contain.
 - a. Offer No. and Date
 - b. Delivery Period
 - c. Delivery Terms
 - d. Payment Terms
 - e. Excise Duty with Tariff Heading Sales Tax (against form-XVII/Form-C), etc.
 - f. Excise Regn. No. and SSI Regn. No.

Kindly arrange to submit your **COMPETITIVE OFFER** for the following item(s).
If you are not in a position to submit your Offer, kindly arrange to send your **REGRET LETTER**.

THIS IS ONLY A REQUEST FOR OFFER AND NOT AN ORDER

No.	BHEL Material Code and Description	Unit	Requirement	
			Quantity	Delivery
1	BHEL Material Code : SP4000115046 ----- DETAILED SPECIFICATION IS ATTACHED IN THE ENCLOSED ANNEXURE: ANNEXURE NO.115046	Nos.	01 1.000	31/03/2014
	Foot Note :: ----- 1) ALL ACCESSORIES AS MENTIONED/EQUIVALENT SHALL BE SUPPLIED 2) NECESSARY TECHNICAL AND DIMENSIONAL DETAILS AND CATALOGUE TO BE ENCLOSED IN THE OFFER 3) ANY DEVIATION FROM THE SPECIFICATION SHOULD BE MENTIONED IN THE OFFER 4) INSPECTION SHALL BE CARRIED OUT AT SUPPLIER'S WORKS PRIOR TO DESPATCH 5) This tender is floated on a TWO PART BID SYSTEM hence you are requested to follow the instruction given in the annexure A, B, & C. 6) Annexure B & C duly completed must be sent back along with part I of your offer.			

ANNEXURE NO.115046

Technical specifications for handheld calibrator

Sl No.	Description	Vendor's response		
1	Should be able to perform source and measurement simultaneously			
2	Loop power supply function: It should be possible to measure mA range current while providing loop power supply			
3	Sink function			
4	Sweep function that allows 3 types of continuous outputs: 1) Step sweep function 2) Linear sweep function 3) Program sweep function			
5	Source unit range			
		Range	Resolution	Accuracy
	DC Voltage	100mV	1 μ V	0.02%+10 μ V
		1V	10 μ V	0.02%+0.05mV
		10V	0.1mV	0.02%+0.5mV
		30V	10mV	0.02%+10mV
	DC current	20mA	1 μ A	0.025%+3 μ A
		20mA Sink	1 μ A	0.025%+6 μ A
	Ohm	500 Ω	0.01 Ω	0.02%+0.1 Ω
		5k Ω	0.1 Ω	0.05%+1.5 Ω
		50k Ω	1 Ω	0.1%+50 Ω
	RTD	PT100	0.1 $^{\circ}$ C	0.025%+0.3 $^{\circ}$ C
	Thermocouple	K	0.1 $^{\circ}$ C	0.02%+0.4 $^{\circ}$ C
		R	0.1 $^{\circ}$ C	0.02%+0.5 $^{\circ}$ C
	Frequency pulse	100Hz	0.01Hz	0.05Hz
		1000Hz	0.1Hz	0.5Hz
		10kHz	0.1kHz	0.1kHz
		50kHz	1kHz	1kHz
6	Measurement unit range			
		Range	Resolution	Accuracy
	DC Voltage	500mV	10 μ V	0.02%+50 μ V
		5V	0.1mV	0.02%+0.5mV
		35V	1mV	0.025%+5mV
	DC current	20mA	1 μ A	0.025%+4 μ A
		100mA	10 μ A	0.04%+30 μ A
	Ohm	500 Ω	0.01 Ω	0.07%
		5k Ω	0.1 Ω	0.07%
		50k Ω	1 Ω	0.07%
	RTD	PT100	0.1 $^{\circ}$ C	0.05%
	Thermocouple	K type	0.1 $^{\circ}$ C	0.06%
		R type	0.1 $^{\circ}$ C	0.06%

ANNEXURE NO.115046

	Pulse	100Hz	0.01Hz	2 digits	
		1000Hz	0.1Hz	2 digits	
		10kHz	1Hz	2 digits	
	Loop power supply	24V Supply		2V	
7	Power supply: AA size rechargeable batteries with AC adaptor				
8	Accessories required: <ol style="list-style-type: none"> 1) Lead cable for generation: 1 sets 2) Lead cable for measurement: 1 sets 3) Carrying case: 1no.s 4) Terminal adaptor for temperature measurement- 1no.s 5) Manual fuse: 1no.s 6) RJ Sensor(for reference junction compensation): 2no.s 7) Main body case with strap and accessory storage case- 1no.s 8) Calibration certificate: Traceable to national standards 9) AC adaptor: 1 set 10) NiMH battery: 1 set 				

Annexure-A

Important Note to Tenderers - for TWO BID system (including REVERSE AUCTION)

(Page No. 1 of 4)

1. This Tender is floated on TWO-BID System.
 - A. Tenderers are requested to submit their Offers in TWO-BID basis, viz.
 - a. Part I .. Technical and Un-Priced Commercial Bid
 - b. Part II .. Price Bid
 - B Both the above Bids are to be submitted (or to be made available) before 14.00 hours (Indian Time) on Tender Due Date, as detailed under Para 3 below.
Tenders received after 14.00 Hrs. on the Tender Due Date, shall not be taken into consideration, irrespective of the mode of dispatch.

2. Above Bids (Part I and Part II) are to be submitted in sealed-covers as detailed below:

A. Technical and Un-Priced Commercial Bid :

- a. Shall contain complete Scope of Supply with all Technical details, Specifications, Delivery Schedule, Delivery Terms, Payment Terms, Offer Validity, Taxes & Duties and other Commercial Terms & Conditions.
(Also please refer Clause No. 5 – General).

- b. Price columns are to be strictly filled-in only as ‘QUOTED’:

Enq. Sl. No.	BHEL Matl. Code / Description of Material.	Quantity with Unit Name	Unit Rate Rs.	Total Price Rs.
..	QUOTED	QUOTED

- c. Shall contain Point-wise confirmation for all Enquiry Clause Nos., TDC Clause Nos., and other attachments, if any.
- d. If any deviation is taken on Technical and / or Commercial points, the same shall be clearly highlighted in the Offer with Enquiry Clause No(s). and its attachments. Otherwise, it shall be construed by BHEL that the Tenderer is complying with all Enquiry Clauses in full.
- e. Any request for modification / change of Technical / Commercial points shall be entertained only before they are frozen.

B. Price Bid:

- a. Shall contain following details **only**:

Enq. Sl. No.	BHEL Matl. Code / Description of Material.	Quantity with Unit Name	Unit Rate Rs.	Total Price Rs.

- b. Wherever required / possible, Break-up-Price details are to be furnished.
- c. This Bid shall NOT contain any Technical and/or Commercial Conditions.
(If indicated, such terms shall not be taken into consideration).

Annexure-A

Important Note to Tenderers - for TWO BID system (including REVERSE AUCTION)

(Page No. 2 of 4)

3. **Details for submitting the Offer:**

A. **Cover No.1 – Technical and Un-Priced Commercial Bid :**

- a. Put the Technical & Un-Priced Commercial Bid inside Cover No.1 seal it.
- b. Mark Cover No.1 :
“Part-I -- TECHNICAL and UN-PRICED COMMERCIAL BID”
Tender No., Tender Date, Tender Due date, Address of Tenderer.

B. **Cover No.2 -- Price Bid :**

- a. Put the Price Bid inside Cover No.2 and seal it.
- b. Mark Cover No.2 :
“Part-II - PRICE BID”
Tender No., Tender Date, Tender Due date, Address of Tenderer.

C. **Cover No.3 -- Techno-Commercial Bid & Price Bid :**

- a. Put Cover No. 1 and 2 inside Cover No.3 and seal it.
- b. Mark Cover No. 3, with Tender No., Tender Date, Tender Due date, Address of Tenderer.
- c. Address the Cover No.3, to ::
Purchase Executive,
BHEL/SSTP,
Tiruchirapalli-620014, INDIA.

4. **Tender Opening:**

- A. On the Tender Due Date, Technical and Un-Priced Commercial Bid (Ref: 1.A.a. and 3.A. above), shall alone be opened, at the pre-fixed time, in presence of Responded Tenderers / their Authorized Representative, who may like to be present for Tender opening.
- B. Clarifications / Confirmations, if any, required by BHEL for Technical / Commercial evaluation, shall be sought from Bidders before opening the Price Bid.
- C. Price Bid of Technically suitable Bidders alone shall be opened, on a pre-determined date and time, in presence of the Responded Tenderers / their Authorized Representative, who may like to be present for such opening.

5. **General:**

- A. Incomplete Offers shall be liable for rejection.
- B. Fixed Price:
Bidder shall quote only Fixed Rate / Price and not subject to any escalation whatsoever during the period of Bid Validity and execution of Purchase Order. Any Bid with adjustable or price variation clause shall be treated as ‘Non-Responsive’ and liable for rejection. Prices shall be written both in numbers and words. In the event of any difference, the price in words shall be valid and binding. Unit Rate shall only be considered as correct and valid, which shall be taken for further consideration.

Annexure-A

Important Note to Tenderers - for TWO BID system (including REVERSE AUCTION)

(Page No. 3 of 4)

- C. Taxes and Duties:
All Taxes / Duties, if any, payable extra over and above the quoted rate, shall be specifically indicated in the Un-Priced Bid, failing which the quoted rates shall be considered as '**all inclusive**'.
- Offer shall carry clear details of Excise Tariff Heading No. and applicable Rate of ED / ST (along with Rate of Cess, if any).
- D. Validity of Offer:
Offer shall be kept valid for acceptance for a period of 60 days (sixty days) from the date of opening of the Technical & Un-Priced Bid.
- E. Terms of Payment:
Refer annexure B.
- F. Liquidated Damages, Risk Purchase and Warranty:
Refer annexure B
- G. Evaluation of the Offers shall be on the basis of 'To-Door Cost at SSTP' (NET Cash outflow to BHEL)
- H. BHEL reserves the right:
- a. to increase or decrease the tendered quantity(s) and split such quantities, for all or part of the Enquiry items, among more than one Tenderer based on commitments, requirements and capability of the Vendor(s), and finalise the Tender accordingly.
 - b. ~~to finalise order on Public Sector Enterprises under Price-Preference facilities as admissible in the existing policy.~~
 - c. to reject any Tender due to unsatisfactory past performance in the execution of a Contract.
 - d. **to resort for a REVERSE AUCTION (RA), i.e. ON-LINE BIDDING THROUGH INTERNET**, instead of opening the Sealed Price Bid submitted earlier, which shall be decided after evaluation of **TECHNICAL and UN-PRICED COMMERCIAL BID**
- I. **In case BHEL decides NOT to resort for RA, Price Bids and Price-Impacts, if any, already submitted by Bidder and available with BHEL, shall be opened, as detailed under Point 4 above.**
- J. **Information and General Terms and Conditions governing RA, are detailed below**

Against this enquiry for the subject item/ system with detailed scope of supply as per enquiry specifications, BHEL may resort to "REVERSE AUCTION PROCEDURE" i.e., ON LINE BIDDING (THROUGH A SERVICE PROVIDER). The philosophy followed for reverse auction shall be English Reverse (No ties).

Annexure-A

Important Note to Tenderers - for TWO BID system (including REVERSE AUCTION)

(Page No. 4 of 4)

1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit „online sealed bid“ in the Reverse Auction. Non-submission of „online sealed bid“ by the bidder for any of the eligible items for which techno commercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.
3. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
4. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.
5. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.
6. Bidders have to fax the Compliance form (annexure IV) before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.
7. In line with the NIT terms, BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at “Total Cost to BHEL” like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for noncompliance to BHEL standard Commercial terms & conditions) for each of the bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.
8. Reverse auction will be conducted on scheduled date & time.
9. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.
10. The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, (Annexure VII) as provided on case-to-case basis to Service provider within two working days of Auction without fail.
11. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL’s standard practice.
12. Bidders shall be required to read the “Terms and Conditions” section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the „Business Rules of Reverse Auction“, which will be communicated before the Reverse Auction.
13. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action *as per extant BHEL guidelines*, shall be initiated by BHEL and the results of the RA scrapped/ aborted.
14. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.
15. In case BHEL decides to go for reverse auction, the H1 bidder (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.

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Annexure – B.
PAYMENT TERMS

Vendor Code:	Vendor Name:	
Tender No.:	Tender Date:	Tender Due Date:

IMPORTANT NOTE TO SUPPLIERS:

If materials are receivable at Stores/Trichy <u>without PBG</u>	Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials.
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If materials are receivable at Stores/Trichy <u>with PBG</u>	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.
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**Any deviation in the above payment term will attract loading as mentioned below.
“Base rate of SBI (as applicable on the date of Techno-commercial bid opening) + 6% will be loaded for the period of relaxation sought by bidders.**

Payment through bank	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

- a. 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.
- b. 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.
- c. 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

Normally No deviation permitted and the deviated offers are liable for rejection.

Performance Bank Guarantee

Normally No deviation permitted and the deviated offers are liable for rejection.

BHEL will consider the ranking after the loading is applied as referred above wherever deviations are observed.

KINDLY PROVIDE FOLLOWING INFORMATION, IN CASE OF REVERSE AUCTION TO BE CONDUCTED

NAME OF THE PERSON:

MOBILE NO. :

LAND LINE NO. :

FAX NO. :

EMAIL ID :

Annexure – C.
Commercial Conditions

Vendor Code:	Vendor Name:	
Tender No.:	Tender Date:	Tender Due Date:

Sl. No.	Commercial Terms	Accepted	If Not accepted , give details
C 1.	<u>Delivery Terms:</u> Free delivery at BHEL/SSTP Stores. (including Packing, Forwarding, Freight and Insurance charges)		
C 2.	<u>Payment term :</u> 100% direct payment after 45 days from the date of receipt and acceptance of materials		
C 3.	Liquidated damages @ ½% per week subject to maximum of 10% of the order value shall be applicable for delay in deliveries		
C 4.	<u>Delivery:</u>	<u>indicate no. of weeks</u>	
C 5.	<u>Validity of Offer</u> - 60 Days from the Date of Tender Opening.		
C 6.	<u>Guarantee certificate:</u> shall cover total period of 18 months from date of dispatch or 12 months from the date of actual usage of the material whichever is earlier		
C 7.	<u>Erection and Commissioning(if applicable)</u> Erection / commissioning charges if any has to be mentioned in the offer or else it will be assumed that Erection/ commissioning will be done at free of cost	<u>Pl indicate applicability</u>	
<u>Remarks, if any (attach additional sheet, if required) :</u>			

Sl. No.	Commercial Terms	Vendor to fill in
C 8.	a. Excise Duty Tariff Heading	
	b. Excise Duty (%)	
	c. CESS on ED (%)	
	d. Total of ED and CESS (%)	
C 9.	a. TVNAT (%)	
	b. CST (%)	
C 10.	Other Cost (if any) - % (or) Rs.	
C 11.	Are you Micro/Small/Medium Industry?	Yes / No.
	If YES, please furnish MSM Regn. No. along with a copy of MSM Certificate	MSM No. :
		MSM Certificate Enclosed : Yes / No

Signature with Date	Seal