



# Bharat Heavy Electricals Limited

## Tender Notice

### Tender Enquiry No.- BHEL/ CSU/ INST/ 012

Two part Bids are invited for procurement of Surface Insulation Coating Thickness meter, quantity-1 (one).

**Tender document:** - The Tender document can be downloaded from BHEL website [www.bhel.com](http://www.bhel.com)

**Technical & Commercial bid shall be opened on:** - 12 Dec, 2008 (15.00 hrs)

**Acceptance of Tender:** Before the opening time in the Tender Box kept in the office of Addl. General Manager (P & D).CSU BHEL, Jagdishpur Industrial Area, Dist. Sultanpur- PIN-227817 UP.  
[Email-vminocha@bhelepd.com](mailto:Email-vminocha@bhelepd.com)

Offer should be accompanied with:-

1. Tender will be opened in the office of Addl. General Manager P & D, CSU, BHEL, Jagdishpur, on the above specified date and time in the presence of those who may like to be present.
2. BHEL reserves the right to reject any or all the tenders without assigning any reasons whatsoever and the decision of BHEL shall be final.
3. While submitting the bids, it will be ensured by the bidders that :-
  - i. Techno/ Commercial Bid is kept in envelope No.1.-Super scribe this envelope as- Tender Enquiry no. BHEL/CSU/INST/012 Date- 25 Nov, 2008- Techno/ Commercial Bid.
  - ii. Price bid is kept in envelope No.2- Super scribe this envelope as-Tender Enquiry no BHEL/CSU/INST/012 Date- 25 Nov, 2008- Price bid.
  - iii. Envelope no.1 & no.2 are kept in a bigger envelope no.3

All the papers (including the envelopes) should be signed & rubber stamped by the bidder

4. Price bid shall be opened only for those bidders who qualify in the technical bid.
5. Technical Specification given in **ANNEXURE – I**
6. Commercial requirement is given in **ANNEXURE – II**
7. Price bid should be given in the format of **ANNEXURE - III**



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## ANNEXURE – I of TE- BHEL/CSU/INST/012

### **TECHNICAL SPECIFICATIONS** **SURFACE INSULATION COATING THICKNESS METER**

#### **1.0 PURPOSE :**

Surface insulation coating thickness meter is required for measuring film thickness of insulating varnish/core plate varnish (pigmented/unpigmented) on electrical sheet steel/stamping surface.  
Quantity- 1 No.

#### **2.0 SCOPE OF SUPPLY :**

The scope of supply includes design, manufacture, testing, supply, Demonstration and proving of the Surface insulation coating thickness meter at BHEL works as per technical specifications.

#### **3.0 TECHNICAL SPECIFICATIONS OF SURFACE INSULATION THICKNESS TESTING MACHINE:**

- ❖ Range of measurement should be 0 to 50 microns with resolution/least count of 0.1 micron.
- ❖ The instrument should be self calibrating with calibration films of 5 to 50 microns (in steps of 5 microns).
- ❖ The instrument should be portable, easy to handle and protected by suitable cover
- ❖ Data logger facility of 1000 measurements.
- ❖ Instrument should be operated by 1.5 v single rechargeable battery.
- ❖ The instrument should operate on magnetic induction technique.
- ❖ The measuring probe should be suitable for measurement of coating thickness on 0.35/0.5/0.65/1 mm electrical sheet steel surface. The probe should be wear resistant.
- ❖ Display of statistical parameters :-1.Serial no./observation
  - 2. Minimum/ Maximum
  - 3. Range
  - 4. Standard deviation

**NOTES:** - 1. Two sets of operation manual should be provided.  
2. Two sets of calibration films should be provided.

#### **4.0 DEMONSTRATION:**

- Demonstration of all features of the equipment and its accessories to the satisfaction of BHEL for their efficient and effective use shall be done by the vendor, at BHEL works.



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## ANNEXURE – II of TE- BHEL/CSU/INST/012

### Commercial & Qualifying Requirements

#### General-

- The tender document consists of two parts-

1. Technical requirement.
2. Commercial & qualifying requirement.

The tender document can be downloaded from our website- [www.bhel.com](http://www.bhel.com)

- While submitting the bids, it will be ensured by the bidders that:-

1. Techno/ Commercial Bid is kept in envelope No.1.-Super scribe this envelope as-Tender Enquiry no. **BHEL/CSU/INST/012** Date- 25 Nov, 2008- Techno/ Commercial Bid.
2. Price bid is kept in envelope No.2- Super scribe this envelope as-Tender Enquiry no **BHEL/CSU/INST/012** Date-25 Nov, 2008- Price bid
3. Envelope no.1 & no.2 are kept in a bigger envelope no.3
4. The bids should be addressed to AGM-P&D, Centralized Stamping Unit, BHEL, Industrial Area Jagdishpur, Dist. Sultanpur, and UP.PIN-227817. [Email-vminocha@bhelepd.com](mailto:vminocha@bhelepd.com)
5. All papers, including the three envelopes must be signed & rubber stamped by the bidder.

- Technical & Commercial bid shall be opened on: - 12 Dec, 2008 (15.00 hrs)

#### Commercial conditions

1. The prices are firm and inclusive of all taxes, duties, freight, Insurance, erection and commissioning charges. Supplier will submit billing breakup along with the offer
2. Excise duty and CST against form C will be payable at actual.
3. Original excise duty gate pass shall be submitted by the vendor to enable purchaser to claim Cenvat credit.
4. The equipment with its auxiliaries, maintenance tools & tackles and spare parts shall be supplied FOR, BHEL works, Jagdishpur.
5. Date of dispatch for supplies (LR/GR date) shall be treated as date of supply.
6. The title of goods shall pass on to the purchaser on FOR Terms.
7. The equipment ordered will be inspected at vendor's works prior to dispatch. The equipment shall be dispatched only after dispatch clearance from purchaser.
8. Terms Of Payment
  - 8.1 80% of price along with, excise duty & CST will be paid against material receipt certificate after acceptance of material at site.
  - 8.2 Balance 20% price will be paid after acceptance of equipment at BHEL works & submission of letter of acceptance for equipment & performance bank guarantee.
  - 8.3 All bank charges shall be to vendor's account.



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## 9. Penalty for Delay

- (i) The delivery of equipment shall be made within the time prescribed. Failure to dispatch the equipment in time as per the delivery specified above would make the vendor liable to an un-conditional penalty at the rate of one half percent (1/2%) of the order value each lot for delay of each week (or part thereof) Subject to a maximum of ten percent (10%) of the order value.

## 10. Bank Guarantees

- (i) The vendor shall furnish a performance guarantee (PBG) of 10% of the contract price confirming that necessary service and maintenance support and guarantee replacements will be provided during the guarantee period. The PBG shall be valid up to end of the guarantee period with additional claim period of two months.
- (ii) All charges for establishing and amending the BGs if necessary shall be to vendor's account.

## 11. Acceptance of equipment

- (i) The equipment will be accepted by the purchaser after installation, testing and commissioning of the equipment at site.
- (ii) The guarantee period of the equipment will start from the date of acceptance of equipment by the purchaser.

## 12. Equipment Guarantee

- (i) The equipment shall be guaranteed by the vendor for a period of 12 (twelve) months from the date of acceptance of the equipment by the purchaser.

## 13. Invoices and payment documentation

- (i) Invoices shall be issued by the supplier in the name of the purchaser.
- (ii) The invoices shall contain the following information:
  - A. item no. quantity and description of equipment as per purchase order.
  - B. Gross amount payable and net amount payable.
  - C. Taxes and duties payable.
  - D. Tax Registration No.
- (iii) The following documents shall be presented by the supplier to the purchaser for drawing payment:
  - A. Signed commercial invoice in quadruplicate.
  - B. LR (or equivalent document).
  - C. Packing list indicating dimensions of each case / bundle / piece shipped with weight and number of items it contains.
  - D. Manufacturer's inspection / test certificate.
  - E. Manufacturer's guarantee / warrantee certificate as per purchase order.
  - F. Declaration by the supplier certifying that the contents in each case are not less than those entered in the invoices / packing list and that the invoicing for the supplies effected is strictly in accordance with agreed rates as stipulated in the purchase order.
  - G. Dispatch clearance certificate from purchaser.



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## 14. Dispatch instructions

- (i) The consignee shall be as follows  
Additional General Manager  
Centralised Stamping Unit  
BHEL Jagdishpur (Industrial Area)  
Distt – Sultanpur, UP, PIN-227817

**Arbitration-** GM-CSU (or any official appointed by him) shall be the sole arbitrating authority.

## **Qualifying requirements**

1. Supplier should have supplied the Surface insulation coating thickness meter in the last three years. Documentary evidence to this effect should be given along with the technical offer.



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## ANNEXURE – II of TE- BHEL/CSU/INST/012

### PRICE BID

**Price bid:** - The price bid is to be submitted in the following format-

Price bid for the Surface Insulation Coating Thickness meter – Tender Enquiry no.

**BHEL/CSU/INST/012**

| Basic Price | Excise Duty | <u>CST/VAT</u> | Freight + Insurance | Erection & Commissioning | Service tax | other expenses | Total |
|-------------|-------------|----------------|---------------------|--------------------------|-------------|----------------|-------|
|             |             |                |                     |                          |             |                |       |

Note: -

1. No condition / any statement should be given in the price bid. Any condition / statement may invalidate the price bid. Any clarification / information may be sought before submitting the tender.
2. Price bid will be opened only for those bidders who qualify the technical bid.
3. All the columns of the format must be filled. If a particular parameter is not applicable, the same should be written.

Evaluation criterion of the price bid will be the lowest cost to BHEL.