



An ISO 9001  
Company

## Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

### ENQUIRY

### NOTICE INVITING TENDER

Phone: +91 431 257 7653

Email : [skaruna@bheltry.co.in](mailto:skaruna@bheltry.co.in)

Web : [www.bhel.com](http://www.bhel.com)

### TWO PART BID

Tender to be submitted in two Parts

Enquiry  
Number:

2631700044

Enquiry Date:

28.09.2017

Due date for submission of  
quotation:

25.10.2017

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                                                                                                                                                                                                                                                                                       | Quantity |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 10   | <b>Electrically Operated Degaussing Machine</b> 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="https://eprocure.gov.in/epublish/app">https://eprocure.gov.in/epublish/app</a> ) | 1 No.    |

### Important points to be taken care during submission of offer

1. Delivery terms shall be FOR BHEL Stores, Trichy
2. Compliance Form No: MM/CE/TRY/ IND/ 08 to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
3. Delivery period required is 1.5 months from the date of Purchase Order.
4. Erection and commissioning shall be done at BHEL Trichy by the supplier
5. Time period required for Erection and Commissioning shall be 2 weeks from the date of intimation by BHEL
6. 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), compliance form and technical specification can be downloaded from BHEL web site <http://www.bhel.com> or from <https://eprocure.gov.in/epublish/app> under Enquiry reference "2631700044".

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,  
For BHARAT HEAVY ELECTRICALS LIMITED

  
DGM / Capital Equipment / MM

S. KARUNANIDHY  
Dy. General Manager  
Capital Equipment / MM  
BHEL, Tiruchirappalli - 620 014.

## ELECTRICALLY OPERATED DEGAUSSING MACHINE

### PART A

**SECTION 1: Qualifying Criteria** - The BIDDER has to compulsorily meet the following requirements to get qualified for considering the technical offer:

| S. No. | REQUIREMENTS                                                                                                                                                                                                                                                                                                                                                                                                        | VENDOR's RESPONSE |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 1.1    | The Bidder/Vendor (OEM) shall have a minimum 5 Years of Experience in the Design, Manufacture & Supply of "Degaussing machines".<br>Bidder/Vendor shall Indicate the actual number of years of experience in the field.                                                                                                                                                                                             |                   |
| 1.2    | Only those vendors(OEM), should quote, who have supplied in the last five years [as on the date of opening of Tender (first date)] at least <b>ONE no. of Degaussing machine of 8300 Oe or higher capacity. Purchase reference and invoice of the same to be enclosed for documentary proof of supply</b><br>The name and contact details of the customer to be furnished to whom the above equipment was supplied. |                   |
| 1.3    | BHEL reserves the right to verify the information provided by vendor.<br>In case the information provided is found to be false/incorrect, the offer shall be rejected.                                                                                                                                                                                                                                              |                   |

**SECTION 2:** The Bidder / Vendor is requested to provide the following information:

| S. No. | REQUIREMENTS                                                                                                                                                                                  | VENDOR's RESPONSE |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 2.1    | The BIDDER/VENDOR to furnish Reference List of Customers, with full address, details of contact person, where Degaussing machines has been supplied in the past (Maximum 10 references only). |                   |
| 2.2    | Details of Degaussing machines supplied to other BHEL units or other companies if any. (PO no., Year of commissioning, capacity)                                                              |                   |
| 2.3    | Details on Service after Sales setup in India including the Address of Agents / Service Centres in India.                                                                                     |                   |

**SECTION 3:** The Bidder / Vendor to note the following:

| S. No. | REQUIREMENTS                                                                                                                                                                                                                               | VENDOR's RESPONSE |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 3.1    | The bidder / vendor shall submit the offer in two parts:<br>1. Technical Offer (with Part A & Part B)<br>2. Commercial offer & Price Bid.                                                                                                  |                   |
| 3.2    | The Technical Offer submitted by the bidder shall contain complete details against all clauses of Part A & Part B of BHEL Tender specification.<br>Technical offer submitted with incomplete details or information shall be disqualified. |                   |
| 3.3    | The Technical Offer shall be supported by product Catalogues & Data Sheets and also technical details of Bought Out Items.                                                                                                                 |                   |
| 3.4    | The Commercial Offer (given with the Technical Offer) shall contain the Scope of Supply and the Un-Priced Part of the Price Bid, for confirmation.                                                                                         |                   |

## TECHNICAL SPECIFICATION FOR ELECTRICALLY OPERATED DEGAUSSING MACHINE

**Brief Description:** Electrically Operated Degaussing machine is required to erase the data permanently on various devices that stores the data in magnetic form.

### Technical Specification

**Qty:1 No**

| Sl.No | Particulars                                  | BHEL Specification                                                                                                                                                                                                                                                                                                                           | Vendors offer |
|-------|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 1.0   | <b>Application</b>                           | To Erase the data permanently on various devices that stores the data in magnetic form                                                                                                                                                                                                                                                       |               |
| 2.0   | <b>Job details</b>                           |                                                                                                                                                                                                                                                                                                                                              |               |
| 2.1   | Devices                                      | The equipment must be capable of erasing the data in the following devices/media: <ul style="list-style-type: none"> <li>• Hard disk drive up to 25mm</li> <li>• Desktop and laptop drives</li> <li>• Tape</li> <li>• Cartridges of 8mm including DLT (digital Linear tape), LTO (linear tape open), QIC (Quarter inch cartridge)</li> </ul> |               |
| 3.2   | Max Media size                               | 200mm x 120mm x 50mm                                                                                                                                                                                                                                                                                                                         |               |
| 4.0   | <b>Equipment Construction</b>                |                                                                                                                                                                                                                                                                                                                                              |               |
| 4.1   | Main components                              | <ul style="list-style-type: none"> <li>• Equipment must have a degaussing chamber to put the media in which the data needs to be arranged</li> <li>• Digital screen for parameter/status checking</li> <li>• TCP/IP (Transmission Control Protocol/Internet Protocol) interface to be provided</li> </ul>                                    |               |
| 4.2   | Chamber size                                 | Must be suitable up to max media size as indicated in clause 3.2.<br>Supplier to indicate the exact dimensions of the degaussing chamber                                                                                                                                                                                                     |               |
| 4.3   | Digital screen                               | Digital screen to be provided for parameter/status checking.<br>Vendor to explain the various functionalities of the offered model                                                                                                                                                                                                           |               |
| 4.4   | TCP/IP interface                             | TCP/IP interface to be provided.                                                                                                                                                                                                                                                                                                             |               |
| 4.5   | <b>Certification :ANSI and CE STANDARDS.</b> |                                                                                                                                                                                                                                                                                                                                              |               |
| 5.0   | <b>Equipment Features</b>                    |                                                                                                                                                                                                                                                                                                                                              |               |
| 5.1   | Magnetic Field strength                      | Minimum 8300 Oe (0.83 Tesla) capacity.<br>Vendor to indicate the exact capacity of the offered model                                                                                                                                                                                                                                         |               |
| 5.2   | Cycle time                                   | Max 60 s per media                                                                                                                                                                                                                                                                                                                           |               |
| 5.3   | Duty cycle                                   | Continuous duty cycle                                                                                                                                                                                                                                                                                                                        |               |

|                          |                                   |                                                                                                                                                                                                        |  |
|--------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 5.4                      | Working temperature               | Must be suitable for 5 deg c to 40 deg c                                                                                                                                                               |  |
| 5.5                      | Humidity (with out condensation)  | 10% to 40%                                                                                                                                                                                             |  |
| 5.6                      | Weight                            | Not more than 30 kgs                                                                                                                                                                                   |  |
| 6.0                      | <b>Power supply</b>               | 230 $\pm$ 10% V, 50 $\pm$ 3 Hz, Single Phase AC will be provided by BHEL                                                                                                                               |  |
| 6.1                      | Power Consumption                 | Vendor to specify                                                                                                                                                                                      |  |
| 7.0                      | <b>O &amp; M manuals</b>          | One Copy of Operation & Maintenance Manual hard copy & one soft copy in CD/pdf in English to be provided                                                                                               |  |
| 8.0                      | <b>Installation and Prove out</b> | Vendor to install the equipment at BHEL Trichy works. Also prove out by erasing the data on 4 devices during installation of the machine at BHEL, Trichy to be carried out by supplier for acceptance. |  |
| 9.0                      | <b>Training</b>                   | Vendor to give training at BHEL, Trichy during installation.                                                                                                                                           |  |
| 10.0                     | <b>Guarantee</b>                  | Guarantee for a period of 12 months from the date of commissioning of the equipment or 18 months from the date of dispatch whichever is earlier .                                                      |  |
| <b>Note to supplier:</b> |                                   |                                                                                                                                                                                                        |  |
| a)                       | <b>Make and model</b>             | Supplier to indicate clearly                                                                                                                                                                           |  |
| b)                       | <b>Catalogue</b>                  | Technical catalogue of the offered model to be enclosed along with offer                                                                                                                               |  |