



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 7421

Email : vkaruna@bhel.in

Web: www.bhel.com

### TWO PART BID

Tender to be submitted in two Parts

Enquiry  
Number:

**2631900070**

Enquiry  
Date:

**04.12.2019**

Due date for submission  
of quotation:

**30.12.2019**

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      | (Indigenous Vendors)<br>Matl. will be Delivered to                           |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------|
| 10   | <b>ELECTRICALLY OPERATED BOOM BARRIER</b> as per the technical specification & commercial conditions applicable (to be downloaded from web site ( <a href="http://www.bhel.com">http://www.bhel.com</a> ) <a href="http://www.bhel.com/tender/tender_home.php">http://www.bhel.com/tender/tender_home.php</a> or <a href="https://eprocure.gov.in/epublish/app">https://eprocure.gov.in/epublish/app</a> ) | <b>2 Nos.</b> | FOR, BHEL Stores,<br>High Pressure Boiler Plant,<br>Tiruchirappalli - 620014 |

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

1. Material shall be delivered to: Indigenous Vendors: As stated above.
2. Delivery required 2 Month including PDI from the date of purchase order.
3. Erection & Commissioning period required 3 Week from the date of intimation by BHEL to vendor for deputation of their Engineers for E&C.
4. EMD for this Tender will be (not less than): NIL
5. Compliance Form Nos.: TRY/IND/08 to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
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 – NO EMD) including bank guarantee formats and list of consortium banks, commercial terms check-list can be downloaded from BHEL web site (<http://www.bhel.com>) [http://www.bhel.com/tender/tender\\_home.php](http://www.bhel.com/tender/tender_home.php) or from the Government tender website <https://eprocure.gov.in/epublish/app> under above Enquiry reference.**

**(This is not an E-tender, please submit your offer in hard copies)**

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**

*V. Karunakaran* 4/12/19  
DGM / Capital Equipment / MM

**V. KARUNAKARAN**  
Dy. General Manager  
Capital Equipment / MM  
BHEL / Tiruchirappalli - 620 014

**ELECTRICALLY OPERATED BOOM BARRIER, Qty. – 2 Nos.**

**PART A**

| <b>Sl. NO</b> | <b>BHEL Specification</b>                                                                                                                                                                                                                                                                                                                                            | <b>Vendors Offer</b> |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| 1.0           | Qualifying Criteria                                                                                                                                                                                                                                                                                                                                                  |                      |
| 1.1           | Only those vendors (OEM) who have supplied and commissioned at least 5 Nos. of Electrically Operated Boom Barrier, in the past two years (as on the first date of opening of tender) should quote.                                                                                                                                                                   |                      |
| 1.2           | Vendor has to be submit at least one performance certificate from, their customers, for satisfactory performance of Electrically Operated Boom Barrier quoted against this enquiry, for a minimum period of one year (as on first date of opening tender) from the date of installation. For obtaining the performance certificate, a suggestive format is provided. |                      |
| 1.3           | 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.                                                                                                                                                                               |                      |
| 2.0           | INFORMATION TO BE PROVIDED BY VENDOR                                                                                                                                                                                                                                                                                                                                 |                      |
| 2.1           | Year of launch of the model quoted against this enquiry                                                                                                                                                                                                                                                                                                              |                      |
| 2.2           | Number of Electrically operated Boom Barrier 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 centers in India to be provided.                                                                                                                                                                                                                                                      |                      |

## Suggestive Format of Performance Certificate

The Performance Certificate should be produced on customer's letter head.

### **PERFORMANCE CERTIFICATE**

01. Supplier of The Electrically Operated Boom Barrier

02. Make & Model of the electrically operated Boom Barrier

03. Month & year of commissioning

04. Performance of the electrically operated Boom Barrier      Satisfactory/ not satisfactory  
(Strike off whichever is not applicable)

05. After sales service      Satisfactory/ not satisfactory  
(Strike off whichever is not applicable)

06 Any other remarks

Date:

Signature & Seal of the Authority  
Issuing the Performance Certificate

**ELECTRICALLY OPERATED BOOM BARRIER, Qty. - 2 Nos.****PART B – Technical Specification**

| <b>Sl. No</b> | <b>Description</b>                                                        | <b>Specification</b>                                                                                                                                                  | <b>Bidders offer</b> |
|---------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| 1.0           | Purpose                                                                   | The Electrically operated Boom Barriers are required to control the movement of men and material at security gates                                                    |                      |
| 1.1           | Operating temperature range                                               | -5°C to +55°C                                                                                                                                                         |                      |
| 1.2           | Input power supply                                                        | 220 V AC, 50/60 Hz. BHEL will provide input power supply at one point near the boom barrier.                                                                          |                      |
| 1.3           | Boom Width                                                                | 6 m with stand                                                                                                                                                        |                      |
| 1.4           | Type of Spring to counter balance movement                                | Bidder to specify                                                                                                                                                     |                      |
| 1.5           | Robust gears and levers to run over time                                  | Bidder to confirm                                                                                                                                                     |                      |
| 1.6           | Encoder for obstacle detection and immediate run inversion                | Bidder to specify                                                                                                                                                     |                      |
| 1.7           | Bar can be installed both right or left                                   | Bidder to specify                                                                                                                                                     |                      |
| 1.8           | Manual key release in case of power failure and key selector in red color | Bidder to specify                                                                                                                                                     |                      |
| 1.9           | Remote control (2 Nos.) for wireless operation                            | Bidder to confirm                                                                                                                                                     |                      |
| 1.10          | Spare: 2 Sets push button station                                         | Bidder to confirm                                                                                                                                                     |                      |
| 1.11          | Opening time shall be less than 8 seconds                                 | Bidder to confirm                                                                                                                                                     |                      |
| 1.12          | LED flash lights with top and bottom of the boom                          | Bidder to specify                                                                                                                                                     |                      |
| 1.13          | Energy saving mode                                                        | Bidder to specify                                                                                                                                                     |                      |
| 2.0           | Painting                                                                  | Anti UV Rays epoxy powder coating—Bidder to confirm                                                                                                                   |                      |
| 3.0           | Civil foundation details                                                  | Bidder to provide the details of civil foundation requirement if any for installing the boom barriers. Civil works shall be in BHEL scope                             |                      |
| 4.0           | Documentation in ENGLISH language                                         | Two numbers of Operation & Maintenance Manual or the Instruction Manual with Trouble Shooting Chart (in English Language) shall be supplied along with each equipment |                      |
| 5.0           | Inspection / test certificate                                             | The total assembly of equipment ordered shall be tested and the test certificates shall be given to BHEL, prior to dispatch.                                          |                      |

| Sl. No | Description           | Specification                                                                                                                                                                                                  | Bidders offer |
|--------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 6.0    | Commissioning         | The equipment shall be commissioned by the supplier's representative at BHEL Works,                                                                                                                            |               |
| 7.0    | Performance Guarantee | The Equipment & Accessories are to be guaranteed for its performance for a minimum period of 12 months from the date of commissioning at BHEL Works or 18 months from the date of supply whichever is earlier. |               |