



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
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kmk@bheltry.co.in
Web : www.bhel.com

TWO PART BID

Enquiry
Number:

Enquiry
Date:

Due date for submission
of quotation:

Tender to be submitted in two Parts

2741700004

13.11.2017

08.12.2017

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	(Indigenous Vendors) Matl. will be Delivered to
10	Permanent Magnetic Lifter 450 Kg as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or https://eprocure.gov.in/epublish/app)	6.00 Nos.	FOR, BHEL, Stores Power Plant Piping Unit Thirumayam 622507, Pudukkottai Dist.
20	Permanent Magnetic Lifter 2,000 Kg as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or https://eprocure.gov.in/epublish/app)	2.00 Nos.	FOR, BHEL, Stores Power Plant Piping Unit Thirumayam 622507, Pudukkottai Dist.

Important points to be taken care during submission of offer

1. Material shall be delivered to: Indigenous Vendors: As stated above.
Foreign Vendors: CFR Chennai Seaport / Airport
2. Delivery required 2 Months from the date of purchase order.
3. Erection & Commissioning period required 2 Weeks from the date of intimation by BHEL to vendor for deputation of their Engineers for E&C.
4. Compliance Form Nos.: TMM/IMP/04 & TMM/IND/04A to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
5. 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 check-list can be downloaded from BHEL web site <http://www.bhel.com> or from the Government tender website <https://eprocure.gov.in/epublish/app> under above Enquiry reference.

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
<https://eprocure.gov.in/epublish/app>

Yours faithfully,

For BHARAT HEAVY ELECTRICALS
LIMITED

Manager / Capital Equipment / MM

Technical Specification Part-A
Permanent Magnetic Lifter 450Kg & 2000kg

S.No	BHEL Specification	Vendor's Offer
1.0	QUALIFYING CRITERIA	
1.1	The BIDDER / VENDOR (OEM) shall have at least FIVE Years of Experience in the Design, Manufacture & Supply of "Permanent Magnetic Lifters".	
1.2	Only those vendors (OEMs), who have Manufactured, supplied and commissioned in India , Permanent Magnetic Lifters similar to the item specified under Part B, in the last Ten years [as on date of this tender opening(first date)] should quote.	
1.3	Vendor has to submit at least ONE Performance Certificate from their customer, for satisfactory performance of Permanent Magnetic Lifters supplied to them and such equipment is working satisfactorily for a minimum period of one year [as on date of this tender opening(first date)]. For obtaining the Performance certificate, a suggestive format is provided at the end of part-A.	
1.4	BHEL reserves the right to verify the information provided by the Vendor. In case the information provided by vendor is found to be false/ incorrect, the offer shall be rejected.	
2.0	INFORMATION TO BE PROVIDED BY VENDOR	
2.1	Vendor shall provide contact details (phone no & email id) including the address of his Agents / Service Centres in India.	
2.2	Details of Permanent Magnetic Lifters supplied to BHEL units, if any. (Year of commissioning, Application, Type)	
2.3	Number of Permanent Magnetic Lifters supplied and commissioned till date (to quote the equipment supplied during the last three years only)	
2.4	The BIDDER/VENDOR to furnish Reference List of Customers (max 10 customers) including Contact details (phone no & email id).	

Signature of Proposer

Suggestive Format of Performance Certificate:

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

PERFORMANCE CERTIFICATE

- | | | |
|---|--|---------------------------------|
| 1 | Supplier of the machine | |
| 2 | Make & Model of the M/C | |
| 3 | Month & Year of Commissioning | |
| 4 | Application for which M/C is used | |
| 5 | a. Weight of the machine | |
| 6 | Performance of the Machine
(Strike off whichever is not applicable) | Satisfactory / Not Satisfactory |
| 7 | After sales service
(Strike off whichever is not applicable) | Satisfactory / Not Satisfactory |
| 8 | Any Other remarks | |
| 9 | | |

Signature & Seal of the Authority
Issuing the Performance Certificate

Performance certificate issued date:

Contact details of issuing authority

Name & Designation :

Office No/ Mobile no :

Email ID :

Signature of Proposer

PART B**TECHNICAL SPECIFICATION FOR PERMANENT MAGNETIC LIFTER****Sl.No.1-- Lifting Magnet, 450 kg on cylindrical surface- Quantity: 6 Nos.****Sl.No.2-- Lifting Magnet, 2000 kg on cylindrical surface – Quantity: 2 Nos.**

Sl.No	Particulars	BHEL Specification	Vendors offer
1.0	Application	Magnetic Lifters (450 kg & 2000 kg capacity) will be used to lift and handle single steel pipe at a time in fabrication shops. It is an add on facility for cranes operating in BHEL, Thirumayam	
2.0	Type of Lifter	Permanent magnet Type	
3.0	Job details		
3.2	Max Job Diameter	For Lifting Magnet 450 Kg: 350mm For Lifting Magnet 2000 Kg: 600mm	
3.3	Job material	Carbon and alloy steel Pipes	
3.4	Testing capacity	For Lifting Magnet 450 Kg: 1350 kg For Lifting Magnet 2000 Kg: 6000 kg	
3.5	Test pipe size	For Lifting Magnet 450 Kg: Diameter 300 to 350mm & thickness 40 to 50mm For Lifting Magnet 2000 Kg: Diameter 500 to 600mm & thickness 50 to 65mm	
3.6	Testing Frequency	Re Inspection and Testing frequency as per legal requirements in terms of months/years is to be specified by vendor	
4.0	Factor of Safety	Factor of Safety : 3 Vendor to specify	
5.0	Equipment Features: Vender to confirm		
5.1	Weight of Lifter		
5.2	Should not need electrical energy.		
5.3	Mechanical Switching by turning a lever with an automatic mechanical locking provision in “On” condition. The locking lever should not get released because of jerk while job is lifted		

Magnetic lifter 2 Ton & 450 Kg

5.4	Lifting magnet should work on un-machined mill supplied pipes		
5.5	The Magnetic Lifter must have lifting hook on the top suitable to 10 ton capacity crane hook.		
6.0	O & M manuals	3 Copies of Operation & Maintenance Manual hard copy & three soft copies in CD in English to be provided	
7.0	Test certificate	The equipment shall be tested for its performance at supplier's work prior to dispatch of the equipment and test certificate shall be provided mentioning the load at which failed to lift and the diameter & thickness of pipe.	
8.0	Installation and Prove out	Supplier to install the equipment at BHEL Thirumayam works prove out on Test pipe size mentioned against Sl. No. 3.5	
9.0	Training	The supplier shall impart training to BHEL's crew in Operation during commissioning of the equipment at BHEL , Thirumayam works	
10.0	Guarantee	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 .	