



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 70 49
Fax : +91 431 252 07 19
Email : csguna@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.	2711100001	05.02.2011	05.03.2011
<p>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.</p> <p>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.</p>			

Item	Description	Quantity
10	10T Magnetic Lifting Device for Bloom Yard Crane as per the technical specification, general guidelines instructions & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	01 No.

Important points to be taken care during submission of offer

1. Please refer point 5.0 of section I of part –A of Qualifying criteria where delivery is indicated. The Delivery required is **8** weeks from the date of purchase order. Grace period of **2** weeks beyond the above delivery period will be considered with penalty. This is only a preferred delivery requirement. Vendors are requested to offer this delivery or their best delivery possible.
2. Checklist to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
3. Subsequent to the hosting of this Enquiry, any corrigendum to the Enquiry that may be hosted in the BHEL Web-site as well as Government Tenders-portal shall be viewed by the vendors regularly to know the details of corrigendum. In case if any vendor without seeing the corrigendum quoted as per original Enquiry and intimate that they have wrongly quoted will not be considered and rejected. However as per the appropriate Policy of BHEL action will be taken on them in this regard.

BHEL's General guidelines / instructions (refer MM/CE/GT/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 <http://tenders.gov.in> (public sector units > Bharat Heavy Electricals Limited page) under Enquiry referred above.

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

Sr. Manager / MM / Capital Equipment

10 Ton MAGNETIC LIFTING DEVICE FOR BLOOM YARD CRANE – SSTP

PART A

QUALIFYING CRITERIA FOR THE SUPPLY OF 10 Ton MAGNETIC LIFTING DEVICE FOR BLOOM YARD CRANE

QTY: 1 NO.

SECTION – I

The BIDDER / VENDOR has to compulsorily meet the following requirements to get qualified for submitting an offer for the magnetic lifting device.

S. No.	REQUIREMENTS	VENDOR's COMMENTS
1.0	The BIDDER / VENDOR shall have a minimum of TWO Years of Continuous Experience in the Design & Manufacture of magnetic lifting device for bloom. Indicate the actual experience.	
2.0	The BIDDER / VENDOR shall have supplied at least two number of magnetic lifting device for bloom within the last five years. Indicate the number of equipment (of QUOTED MODEL) sold in India & Other Countries.	
3.0	Reference List of Customers and Performance Certificate from CUSTOMERS (minimum ONE Customer) with full contact details of CONTACT PERSON.	
4.0	BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false/ incorrect, the offer shall be rejected.	
5.0	DELIVERY - The bidder shall quote the best possible delivery. However the delivery shall not exceed 8 weeks with an additional grace period of 2 weeks. The additional grace period will attract a penalty which is explained in the commercial terms of the enquiry. The delivery period shall be reckoned from date of purchase order to despatch from the vendor works.	

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SECTION – II

Sl. No.	PARTICULARS	VENDOR's RESPONSE
6.0	Number of Years of Experience of the VENDOR in the field of design, manufacture and supply of the equipment required in this specification'	
7.0	YEAR of LAUNCH of the Model quoted against this ENQUIRY	
8.0	Number of the offered equipment installed and commissioned till date for the specified purpose in the QUOTED MODEL Attach list of customers (within India and abroad) with model and contact address	
9.0	Details of Design Set-Up and Technology Back-Up if any for the PRINCIPAL Equipment	
10.0	Details on International Standards followed in Design of the Equipment	
11.0	Confirmation to performance testing requirement of the equipment prior to dispatch from supplier's end	
12.0	Details of Quality Assurance System followed (Kindly furnish the salient aspects of the QA system followed)	
13.0	Details on SERVICE-after-SALES Set-Up including the addresses of Agents/Service Centers	
14.0	Any Additional Data to supplement the manufacturing capability of the VENDOR	

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SECTION – III

The BIDDER / VENDOR has to comply with the following, for accepting the Technical Offer for scrutiny by the Purchaser:

S.No.	REQUIREMENTS	VENDOR's COMPLIANCE
15.0	The BIDDER / VENDOR shall submit the offer in TWO PARTS - Technical [with PART A & PART B] & Commercial and Price Bid. The Technical Offer shall be in line with the BHEL Technical Specifications and the Guidelines or Annexure mentioned, wherever applicable.	
16.0	The Offer shall contain a comparative statement of Technical Specifications given by BHEL and the Offer Details submitted by the Bidder, against each clause. A just 'CONFIRMED' or 'COMPLIES' or 'YES' or 'NO-DEVIATION' or similar words in the technical comparative statement may lead to disqualification of the Technical Offer.	
17.0	The BIDDER / VENDOR shall assure a continuous support for SPARES and SERVICE for TEN Years, from the date of commissioning of the equipment at BHEL Works.	
18.0	The Technical Offer shall be supported by Product Catalogue and Data Sheets in ORIGINAL and complete technical details of 'Bought-Out-Items' with copies of Product Catalogue and Selection Criteria	
19.0	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 of Scope of Supply.	
20.0	The reference List of Customers shall be accompanied with the details (Phone Number / E-Mail ID) of the CONTACT PERSON for cross reference by BHEL	

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PART B

SPECIFICATION FOR MAGNETIC LIFTING DEVICE FOR BLOOM YARD CRANE – SSTP

S.No	Particulars	BHEL SPECIFICATIONS		Bidder's offer
1.0	Area of Application	Steel blooms are cut into small length billets. Further the billets are heated to high temperature and hot rolled in to Seamless Steel Tubes. The requested equipment is needed for handling the blooms from Storage yard to the cutting station using EOT crane (Refer Photo). The parameter of the material to be handled and that of the crane are given below		
1.1	Material Data	Bloom Shape	Round Cylindrical Bar	
		Bloom Diameter	200mm	
		length	6 M to 11 M	
		Weight	300 Kg / M (3.3 tons Max. /piece)	
		Surface condition	Rough cast surface with sticky scales	
1.2	Crane Data	Lifting capacity	10 Tons	
		Type of crane	EOT	
		No. of blooms / lift	3 to 4 (max. 10 tons)	
		Height of Lift	9 m (max)	
2.0	Specification			
2.1		The magnetic lifting equipment shall consist of at least 2 magnetic units of equal capacity to be mounted on lifting / spreader beam. (Ref. Photo)		

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S.No	Particulars	BHEL SPECIFICATIONS	Bidder's offer
2.2		The capacity shall match the job requirement indicated above with spare capacity to accommodate over load / surge load.	
2.3		Back up Battery in case of power failure	
2.4		Necessary Safety systems and devices are to be incorporated to work at elevated level with people working below.	
3.0	Electrical Equipment:		
3.1		The Lifting device shall have a set of switch cabinets, terminal boxes, operator panel, protection system etc. suitably integrated with the lifting device reputed make of subsystems.	
3.2		Main power supply Main Voltage: 3 x 415 VAC / 50Hz +/- 3%, Voltage fluctuation: +/- 10%	
3.3		Battery backup system to operate the lifting device under load for at least 15 minutes shall be provided. Suitable audio visual alarm system shall be provided when the device is operating on Battery to enable users to unload the material within a safe time and relieve the device from load.	
3.4		Where electrical cable and connectors are involved between the crane and moving magnetic device, necessary guiding, winding (like cable winding drum) and protection systems are to be incorporated.	

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S.No	Particulars	BHEL SPECIFICATIONS	Bidder's offer
4.0	Scope of supply	<p>Magnetic lifters</p> <p>Control panel</p> <p>Cabling reeling drum to wind / unwind the cable while lifting / lowering with tension control</p> <p>Operator on / off station</p> <p>Suitably rated Battery bank</p> <p>Required cables</p>	
5.0	Testing & Inspection	Testing methods and acceptance norms for tests at Suppliers works and after installation shall be detailed out in the offer.	
5.1		The overall system and accessories shall be offered for Inspection to BHEL Engineers at vendor's works & tested as stated above.	
6.0	Installation and commissioning	The above system and accessories is to be installed & commissioned at BHEL Works, FREE OF COST, by the SUPPLIER.	
7.0	Performance Prove-Out at BHEL	On supply of the equipment it is essential to Demonstrate the satisfactory performance of the system to meet the applications.	
7.1		Equipment shall perform continuously & shall be demonstrated for 8 Hrs. shift by continuously lifting & shifting the blooms through crane.	
8.0	Documentation in ENGLISH Language	3 Copies (In English) of the Operation, Maintenance & Service Manuals, and CD/DVD containing Soft copy shall be supplied along with the system.	
9.0	Performance Guarantee	The Lifting system and accessories are to be guaranteed for its performance for a period of one year from the date of commissioning.	

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S.No	Particulars	BHEL SPECIFICATIONS	Bidder's offer
10.0	Service and Spares Support	Service shall be provided by the supplier during guarantee period and also later through AMC. The system supplied must be supported by way of spares, availability and service for a minimum period of 10 years.	
11.0	Training on Operation & Maintenance	Training (Free of cost) at BHEL, is to be given on Operation & Maintenance of the system after the successful commissioning of the Equipment	
12.0	Spares	BIDDER has to list down the critical SPARES for the Equipment for normal Operation.	
13.0	Price for accessories	Separate rate shall be quoted for Optional / Compulsory Accessories	

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Photos for reference

