



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 7360
Email : ajayasalkar@bheltry.co.in
: vijayak@bheltry.co.in
Website: www.bhel.com

TWO PART BID	Enquiry Number:	Enquiry Date:	Due date for submission of quotation:
Tender to be submitted in two Parts	2631800048	20.06.2018	16.07.2018

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	Tube Hole Cleaning Equipment as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com and https://eprocure.gov.in	2 Nos.

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/IND/12 to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
3. Delivery period required is 2 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 1 week from the date of intimation by BHEL.
6. Erection & Commissioning shall be done free of cost.
7. EMD not applicable.
8. 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 compliance form and technical specification can be downloaded from BHEL web site <http://www.bhel.com> and <https://eprocure.gov.in> (public sector units > Bharat Heavy Electricals Limited page) under Enquiry reference "2631800048".

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

AJAY V. ASALKAR
Sr. Manager / Capital Equipment / MM
MM / Capital Equipment
BHEL, Tiruchirappalli - 620 014

TUBE SHEET HOLE CLEANING EQUIPMENT, Qty. 2 nos.

Part A

SECTION – 1: Qualifying Criteria

The BIDDER has to compulsorily meet the Qualifying criteria indicated in SECTION 1 to get qualified otherwise the technical offer will not be considered.

S. No.	PARTICULARS	BIDDER's RESPONSE
1.1	Only those Bidder/ OEM who have a minimum of last 5 Years of Continuous Experience in the field of Design, Manufacture and Supply of hole cleaning equipment are eligible to quote for this tender. The actual number of years of experience to be specified.	
1.2	Only those Bidders (OEMs) should quote, who have supplied and commissioned at least 3 numbers of hole cleaning equipment, in the past 5 years (as on the initial date of opening of Tender).	
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.	

SECTION 2: The BIDDER is requested to provide the following information:

S. No.	PARTICULARS	BIDDER's RESPONSE
2.1	Number of hole cleaning equipment supplied and commissioned till date.	
2.2	List of customers to whom hole cleaning equipment were supplied, installed and commissioned till date.	
2.3	Year of Launch of the Model quoted against this enquiry.	
2.4	Details of Design Set-Up and Technology Backup available with the OEM.	
2.5	Details on Standards followed in Design of the Equipment	
2.6	Comprehensive Details on Testing of the Equipment quoted	
2.7	Details of Quality System followed (Kindly furnish the salient aspects of the QA system followed).	

S. No.	PARTICULARS	BIDDER's RESPONSE
2.8	Details on SERVICE-AFTER-SALES Set-Up in India including the Addresses of Agents / Service Centres in India.	
2.9	Any Additional Data to supplement the manufacturing capability of the BIDDER for the subject equipment.	

SECTION 3: The BIDDER to note:

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

S. No.	REQUIREMENTS	BIDDER's RESPONSE
3.1	The BIDDER shall submit the offer in Two Parts 1. Technical [with PART A & PART B] & 2. Commercial and Price Bid.	
3.2	The BIDDER's RESPONSE against each clause in PART A & B of the offer should be filled by the BIDDER compulsorily with complete details.	
3.3	The BIDDER shall assure a continuous support for Spares and Service for 5 Years, from the date of commissioning of the equipment at BHEL Works.	
3.4	The Technical Offer shall be supported by Product Catalogue and Data Sheets in original and complete technical details / literature on the quoted models	
3.5	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.	

TUBE SHEET HOLE CLEANING EQUIPMENT, Qty. 2 nos.

Part B – Technical specification

S No	BHEL Specification		Vendor's Offer
1	Purpose	(a) This equipment is required for cleaning of rust inside the holes of Tube sheet of Steam generator vessel. (b) The cleaning shall be for rapid removal of hard rust from the inside of holes. (c) Final polishing operation to get rust free surface on the tube sheet holes.	
2	Job details	(a) Tube sheet hole material is 20MnMoNi55 (hardness 200 BHN). (b) Hole Dia. 19.22 ^{+0.13} / ^{-0.0} mm; depth of 500 mm.	
3	Type of equipment	Pneumatically operated. Vendor to confirm	
4	Pneumatic Motor	Vendor to specify the power and RPM at 60 psi air pressure	
5	Cleaning	Dry type cleaning action without the use of any fluid. Vendor to confirm	
6	The equipment shall be portable type suitable for easy handling. Vendor to confirm and give details		
7	Weight of the equipment. Vendor to specify.		
8	The tool size shall suit to the hole ID and depth mentioned above. Vendor to confirm and give details		
9	The cleaning tool shall be integrated type with special steel wire brush for rust removal and for polishing with preferably Silver-Nickel alloy brushes. Vendor to specify and offer suitable buffing tool for the final polishing operation.		
10	Each tube sheet comprises of around 5000 holes which shall be cleaned by employing the equipment for continuous operation. Vendor to provide details.		
11	After tube hole cleaning the hole surface shall be inspected by rubbing with a white cloth. The cloth should come out without stain.		
12	Air pressure available at the point of use at our works : 60 psi.		
13	FRL unit shall be supplied along with the equipment.		
14	All spares for two years trouble free operation of the equipment shall be quoted along with the offer		

S No	BHEL Specification	Vendor's Offer
15	Documentation: 3 sets of the following documents shall be furnished during inspection and supply: Operation & Maintenance manual GA drawing: Exploded view & Cross section assembly of drive unit with dimensions to be given. Make of Bought out items with Part no/Specification	
16	The equipment shall be offered for inspection by BHEL at vendor's works before dispatch	
17	Installation and commissioning of the Equipment at BHEL works shall be in the scope of vendor.	
18	The equipment shall be guaranteed for a period of 12 months from the date of commissioning at BHEL works or 18 months from despatch whichever is earlier.	