



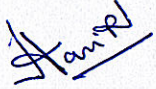
An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

ENQUIRY		Phone: +91 431 257 7421/ 7297 Email : vkarna@bhel.in , hari.r@bhel.in Web : www.bhel.com	
NOTICE INVITING TENDER			
TWO PART BID	Enquiry Number:	Enquiry Date:	Due date for submission of quotation:
Tender to be submitted in two Parts	2632000019	29.10.2020	23.11.2020
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	Pneumatic Torque Wrench with Air Regulator Unit as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or https://eprocure.gov.in/epublish/app)		1 No.
Important points to be taken care during submission of offer			
1. Delivery terms shall be FOR, BHEL, Stores, High Pressure Boiler Plant, Tiruchirappalli - 620014. 2. Compliance Form TRY/ IND/ 04 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 activities shall be done by the supplier, at BHEL, Trichy works. 5. Time period required for Erection and Commissioning activities shall be 1 week from the date of intimation by BHEL 6. Procurement of the item through this NIT will be as per Public Procurement (Preference to Make in India), Order 2017 dated 04.06.2020 by DPIIT (DPIIT Order No. P-45021/2/2017-PP (BE-II) dated 04.06.2020), to encourage 'Make in India ' and promote manufacturing and production of goods and services in India. 7. 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- EMD), 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 "2632000019".			
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  R. HARI Engineer MM / Capital Equipment BHEL, TRICHY - 620 014 Engineer / MM/ Capital Equipment	

PNEUMATIC TORQUE WRENCH, Qty. 1 no.

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.	BHEL REQUIREMENTS	BIDDER's RESPONSE
1.1	Only those BIDDER / OEM, who have manufactured, supplied and commissioned at least 2 Nos. of pneumatic torque wrench of 9500 Nm or above in the last 5 years (as on the first date of tender opening). Documentary proof for the above along with the complete details of customer to be provided.	
1.2	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.	

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

S. No.	PARTICULARS	VENDOR'S RESPONSE
2.1	Number of pneumatic torque wrench supplied & commissioned during last 5 years.	
2.2	The BIDDER shall give details about supply of similar pneumatic torque wrench to other BHEL units if any with Make, Model and Year of Supply & Commissioning etc.	
2.3	Servicing facility to be available in India. Details on Service-After-Sales Set-Up in India (Address of Agents / Service Centres), to be furnished compulsorily.	
2.4	Any Additional Data to supplement the manufacturing capability of the BIDDER.	

SECTION 3: The Bidder to comply with the following:

S. No.	PARTICULARS	VENDOR'S RESPONSE
3.1	The Bidder shall submit the offer in Two Parts – Technical [with PART A & PART B] & Commercial and Price Bid.	
3.2	The VENDOR's RESPONSE column 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 Ten 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 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.	

PNEUMATIC TORQUE WRENCH, Qty. 1 no.

Part B - Technical Specification

S No	BHEL Specification		Bidder's Offer (along with details)
1	Requirement	Pneumatic Torque Wrench with air pressure regulator Unit for carrying out assembly of valve components	
2	Pneumatic Torque Wrench		
2.1	Configuration	Preferably straight type. Bidder to specify	
2.2	Drive	Square size 1 ½". Bidder to confirm	
2.3	Max. torque required	9500 Nm. Bidder to confirm	
2.4	Accuracy / repeatability	Around ± 5%. Bidder to specify	
2.5	Make and model of pneumatic torque wrench	Bidder to specify	
2.6	RPM at no load	Bidder to specify	
2.7	Overall dimensions	Bidder to provide details	
2.8	Velocity reduction Ratio	Bidder to specify	
2.9	Speed	Single/Two speed. Bidder to specify	
2.10	Reaction plate / Arm	Bidder to provide the dimensional drawing of the reaction plate / Arm	
2.11	Air consumption in Litres/min	Bidder to specify	
2.12	Weight of the pneumatic torque wrench	Bidder to specify	
3	Filter, regulator & Lubricator unit suitable for the quoted pneumatic torque wrench		
3.1	A Torque Chart which gives the conversion from air pressure (PSI) to torque (Nm) shall be provided along with the equipment. Using the chart it should be possible to determine the air pressure needed to achieve desired torque output with the equipment.		
3.2	Make and model of FRL	Bidder to specify	
3.3	Pressure regulator	Bidder to confirm	
3.4	Pressure gauge	For 0 to around 7 bar. Bidder to specify	

S No	BHEL Specification		Bidder's Offer (along with details)
3.5	Filter element	Bidder to provide details. Also the frequency of replacement of filter elements to be indicated	
3.6	Oil lubricator	Bidder to provide details such as the oil used and carrying capacity etc.	
3.7	Air hose	Length around 3 m. Bidder to specify	
3.8	Weight of the FRL unit	Bidder to specify	
4	Air pressure available at our shops	4.5 to 5 bar. Bidder to note	
5	Spares	Bidder to specify the list of essential spares required for 2 years of trouble free operation	
6	Factory Inspection / test report	Factory Quality control inspection / test report for the equipment to be supplied along with the equipment	
7	O&M Manual	Operation and Maintenance manual (Hard copy – 2 nos) shall be supplied along with the equipment	
8	Commissioning of the equipment	The equipment shall be commissioned at BHEL works by the supplier's representative	
9	Performance Guarantee	The performance of the equipment shall be guaranteed for a period of 12 months from the date of commissioning or 18 months from dispatch whichever is earlier.	