



An ISO 9001  
Company

## Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT/ MATERIALS MANAGEMENT

<b>ENQUIRY</b>	Phone: +91 431 257 7653 Fax : +91 431 252 0031 Email : <a href="mailto:skaruna@bheltry.co.in">skaruna@bheltry.co.in</a> Web : <a href="http://www.bhel.com">www.bhel.com</a>
<b>NOTICE INVITING TENDER</b>	

<b>TWO PART BID</b>	<b>Enquiry Number:</b>	<b>Enquiry Date:</b>	<b>Due date for submission of quotation:</b>
Tender to be submitted in two parts	<b>2631600021</b>	<b>15.07.2016</b>	<b>08.08.2016</b>

You are requested to quote the Enquiry number, date and due date in all your correspondences. 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	Delivery
10	Portable Electric Chopsaw with Metal Saw 14" as per the technical specification, BHEL commercial terms & conditions applicable (to be downloaded from web site <a href="http://www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	3 Nos.	15.10.2016

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

1. Compliance Form to be duly filled and enclosed along with your offer, failing which the offer will not be considered for evaluation.
2. 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 including bank guarantee formats and list of consortium banks, commercial compliance form 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 reference "2631600021".

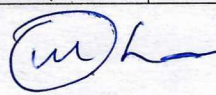
<p>Tenders should reach us before 14:00 hours on the due date Tenders will be opened at 14:30 hours on the due date Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present</p>	<p>Yours faithfully, For BHARAT HEAVY ELECTRICALS LIMITED</p>  <p><b>KUMAR GAUTAM SINGH</b> Senior Engineer MM / Capital Equipment BHEL, TRICHY - 620 014.</p>
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## PART A

**QUALIFYING CRITERIA FOR THE SUPPLY OF ~~OF~~  
PORTABLE ELECTRIC CHOPSAW WITH METAL SAW 14"**

**SECTION- 1: Qualifying Criteria**

Sl.No.	REQUIREMENTS	VENDOR'S RESPONSE
1.1	The bidder / Vendor (OEM) shall have a minimum of five years of continuous experience in the field of Design, manufacture and supply of Chop saws with metal saw. Vendor shall indicate the actual number of years of experience in the field.	
1.2	Only those vendors (OEMs) should quote, who have commissioned in the last 05 years (as on the original date of tender opening) at least <b>TWO</b> "PORTABLE ELECTRIC CHOPSAW WITH METAL SAW" exactly the same model proposed in the technical offer <b>EITHER</b> (i) In at least one country other than the country of origin to establish vendor's global business activity. <b>OR</b> (ii) In India, and the referred equipment are presently working satisfactorily for more than one year from the date of commissioning (as on the original date of tender opening).	
1.2.1	The supplier has to give following information about the offered model. (a) Model Name, Year of launch of the Model. (b) name and contact addresses of the customers	
1.3	Vendor has to submit at least ONE PERFORMANCE CERTIFICATE for satisfactory performance of PORTABLE ELECTRIC CHOPSAW WITH METAL SAW as referred under clause 1.2 above, for a minimum period of one year from the date of commissioning (as on the original date of tender opening) from their customers in India or in any other country outside the country of origin, supplied and commissioned in the last 05 years.  Performance certificate as Original Certificate or E-mail directly from the customer may be submitted. The original certificate may be returned after verification by BHEL, if required. For obtaining the Performance certificate, a suggestive format is provided at Page-3.	
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. BHEL reserves the right to accept or reject the OEMs based on the assessment of their technical and financial capability.	

*for all* 

**SECTION - 2:**

The BIDDER / VENDOR are requested to provide the following information:-

S NO.	REQUIREMENTS	VENDOR'S RESPONSE
2.1	It is preferred that the vendor to submit a complete reference list of Customers (preferably of Heavy Engg. Companies) to whom such offered model of PORTABLE ELECTRIC CHOPSAW WITH METAL SAW has been supplied in the last three years with PO details, Qty., Year of commissioning with contact details of the customers.	
2.2	Specify details of PORTABLE ELECTRIC CHOPSAW WITH METAL SAW supplied to other units of BHEL, if any (Year of commissioning with details etc. The performance details will be verified by BHEL, for which the vendor to provide the contact persons details to BHEL, to whom the machine was supplied.	
2.3	Details on SERVICE-AFTER-SALES Set-up in India including the Address of Agents / Service Centres in India.	
2.4	Any Additional data to supplement the manufacturing capability of the BIDDER for the subject equipment.	

**SECTION - 3:**

The BIDDER to note:

S NO.	REQUIREMENTS	VENDOR'S RESPONSE
3.1	The BIDDER / VENDOR shall submit the offer in TWO parts. 1. Technical Offer [ <b>with PART A &amp; PART B</b> ] 2. Commercial Offer and Price bid.	
3.2	The Technical Offer shall contain complete details against all clauses of Technical Specifications given by BHEL.	
3.3	The Technical Offer shall be supported by Original Product Catalogues of the offered model, Data Sheets and technical details of Bought- Out- Items. <b>Note: Photocopies of the catalogues are NOT ACCEPTED.</b>	
3.4	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.	

*for all details. (Signature)*

**Suggestive Format of Performance Certificate:**

The Performance should be certified by the customer on **Customer's Letter Head** and submitted along with the offer.

**PERFORMANCE CERTIFICATE**

1.0	Portable Electric Chop saw With Metal Saw Supplied by : (Manufacturer's name)	
2.0	Make & Model number of the Machine	
3.0	Month & Year of Commissioning	
4.0	Performance of the Machine (Please tick the appropriate option)	Satisfactory
		Not Satisfactory
5.0	Service after sales (Please tick the appropriate option)	Satisfactory
		Not Satisfactory
6.0	Other remarks (if any)	
Date:		Signature & Seal of the Authority Issuing the Performance Certificate

*Handwritten signatures and initials in blue ink.*

**PART – B**

**TECHNICAL SPECIFICATION FOR PORTABLE ELECTRIC CHOPSAW WITH METAL SAW 14"**

S. No	PARTICULARS	BHEL SPECIFICATION	BIDDER'S OFFER
1.0	Area of Application	Cold cutting of tubes, rods and rolled sections without the use of liquid coolant.	
2.0	Job Material (to be cut)	Carbon Steel, Alloy Steel (T 91, P91, P12, and P22), Stainless Steel, Aluminium Alloys, Copper, Brass, Nickel and Titanium alloys.	
3.0	Working Range at 90°cutting	Pipe : diameter 21.3 mm to 120 mm thickness 4.0 mm to 25mm Round : Diameter 120mm Rectangular : 120 mm x 100 mm	
4.0	Electrical Input Supply	230 ± 10% V, 50 Hz, Single Phase AC, 3 - Wire System [110 V AC run unit is also acceptable, provided a step-down transformer - 230/110 V AC, is also included in the supply scope]	
5.0	Motor Power Rating	To suit the application stated above at the fastest cutting rate. Preferably not less than 2200 watts.	
6.0	Input Power Cable	5.0 meter long 3-cored sheathed cable with 3-pin plug, to suit BIS / Indian ISI Standards	
7.0	Sound/Noise Level	Around 85 dB at a distance of 1M from the machine.—Bidder to confirm	
8.0	Lock Button for Trigger Switch to be provided.	To keep the CHOP SAW running continuously without holding the switch trigger in "ON" position.	
9.0	Cutting blade Speed	Bidder to Specify the blade speed at NO LOAD condition	
10.0	Cutting blade material	Special steel which can cut all the materials listed in Sl.No.2. – Bidder to specify the different type of blades to be used for the material listed in Sl.No. 2	
11.0	Cutting blade Dimension	Preferred Diameter of the blade is 14". Supplier has to mention the dimensions of the Cutting blade used for cutting different type of material as listed in Sl.No.2	
12.0	Cutting Blade Make	Bidder to specify	
13.0	Weight of the Equipment	Bidder to specify	
14.0	Machine Construction	Body and Frame shall be of suitable metal alloys to give lightness, at the same time sturdiness, to withstand impact load/force while handling.	




S. No	PARTICULARS	BHEL SPECIFICATION	BIDDER'S OFFER
15.0	Machine Spares	Spares includes Armature & Field Coil, Carbon Brush, Cutting blades, Gears, Bearings, O-rings. The technical offer shall contain list of recommended spares (both electrical & mechanical) for two years of trouble free operation without price details. The same list shall be quoted in the commercial offer with price break up in a sealed cover.	
16.0	Order Quantity	CHOP SAW Machine - 3 (THREE) Fitted with Cutting blade 2 Nos. of spare blade in each type for the materials listed in Sl. No. 2	
17.0	Documentation in ENGLISH language	Two numbers of Operation & Maintenance Manual or the Instruction Manual with Trouble Shooting Chart (in English Language) shall be given with each CHOP SAW machine.	
18.0	Inspection	The total assembly of equipment ordered shall be tested and the test certificates shall be given to BHEL, prior to dispatch.	
19.0	Commissioning & Prove-out	The equipment shall be commissioned by the Supplier's representative at BHEL Works. The supplier has to conduct performance prove-out with BHEL test piece for all the materials as indicated under Point No.1. (Carbon Steel, Alloy Steel {T 91, P91, P12 & P22}, Stainless Steel, Aluminium Alloys, Copper, Brass, Nickel and Titanium alloys.) The acceptance of the equipment is based on the successful prove out at BHEL.	
20.0	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.	
21.0	The offer shall contain technical catalogue for the offered Chop Saw Machine and the Blow-Up Diagram with part identification.		

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