



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
HIGH PRESSURE BOILER PLANT
PURCHASE DEPARTMENT - FOSSIL BOILERS
THIRUCHIRAPALLI - 620014
TAMILNADU (INDIA)

PHONE :2577331
GRAMS : BHARATELEC
FAX NO: 2520719
E-mail: srchandran@bheltry.co.in
Web:

Enquiry No	Enquiry Date	Due Date for Quotation
2661500435 - 55	19.10.2015	14.11.2015

Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order.
Bid should be submitted in two parts. 1.Techno-commercial bid (Part-I) and 2.Price bid(Part-II) in a separate sealed cover and both covers must be placed in a third cover and sealed. Our Enquiry No., Enq. date & Enq. Due date must be written on all three covers.

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
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10	Chip conveyor for SAFOP make pipe chamfering machine 1200 at PPPU as per detailed technical specification in Annexure-A. Pre-qualification criteria: 1) Vendor should be an OEM or authorised dealer of the chip conveyors used for metal chip disposal purpose. Valid supporting documents such as dealership certificate or OEM declaration should be sent along with the offer. 2) Vendor should have atleast 5 years experience in the field of manufacturing, distribution, erection and commissioning the chip conveyors (for metal chips).Supporting documents for the same (1. Previous purchase order copies from other customer, 2. Performance certificate, 3. Previous customer/s contact detail such as name, phone/mobile no., email id) must be sent along with the offer. Pre qualification criteria must be met in order to get qualified for technical evaluation of offers. No offer/s will be considered for technical evaluation without completely meeting/satisfying our pre qualification criteria.	NO	1.000	1.00	16.01.16
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General Note:

GENERAL NOTE:PLEASE SUBMIT YOUR OFFER IN "TWO PART BID SYSTEM" AS PER THE ANNEXURES ENCLOSED.
ENCLOSURES:ANNEXURE II,III,IV,V,VI,VII.


All the tenders may be addressed to the following address:

**The Tender Opening Cell / MM
Room No: 26, Building 24, Ground Floor
Bharat Heavy Electricals Limited
TIRUCHIRAPALLI 620014**

The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening.Late and delayed offers are liable to be rejected.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

V. SURESH
Sr. Manager - Purchase
MM / RM / CP & SP
BHEL, TRICHY - 620 014.


MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,



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Web:

2661500435 / 19.10.2015

23505

In case personal delivery of the offer, it shall be dropped into the respective box kept in Room No: 26, after duly entering the data in the system.

Offers will be accepted only up to 14.00 Hrs on the due date. Therefore, vendors shall ensure to submit the offers well before this time. All due date extension requirements should be addressed to the respective Purchase mail IDs. All the due date extension requests from vendors will be considered only up to 48 hours before the due date and time.

Vendors are requested to avoid submission of offers through e mail / fax. In case of any unavoidable situation, offers shall be sent through e mail to the following mail ID only tender_cell@bheltry.co.in.

As tenders are being opened by Common Tender Opening Cell, offer covers should be sealed with tenderer's distinctive seal and super scribed with correct Tender No. item of supply and due date of opening.

The offers will be opened at 14.30 hrs on the due date of the tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

The bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice.

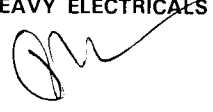
Enclosures:

"LD clause has to be confirmed without fail."

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Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED

V. CHELLIAH
Sr Manager / Purchase
MM / RM / CP & SP
BHEL, TRICHY - 620 014.


MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,

Annexure A- Technical specifications for hinged metallic belt type chip conveyor for metal chips

SL NO	PARTICULARS	SPECIFICATIONS	VENDOR'S OFFER	Deviations if any
A	Technical details			
1	Supply of 1 no. of automatic chip conveyor system with electrical control panel for Pipe chamfering machine 1200 acc. to the following specification (without any chip collection bin)	Vendor to confirm		
2	The conveyor design should be compact and sturdy enough and capable of transferring Ferrous, non-ferrous unshaped chips	Vendor to confirm		
3	Type	Hinged steel belt (Perforated or Plain),		
4	Hinged plate material of construction	Mild steel with rust and corrosion preventive coating or Stainless steel		
5	Material of the chips to be handled	P91, P92, P22, plain carbon steel		
6	Hardness of the chip material	25 HRC- 30 HRC		
7	Shape of the chips	long curly, short curly, Short thick spiral		
8	Overall width (max.)	400 mm,		
9	Working Width (Min.)	250 mm,		
10	Charge length (approx.)	2500 to 2800 mm		
11	Discharge height (min.)	1500 mm,		
12	Chip conveying capacity (Approx.)	90-110Kgs/hr.		
13	Speed of the conveyor	2.0-4.0 meter/min,		
14	Safety device	Spring operated limit switch/Torque Limiter with Limit Switch/Overload relay type,		
15	Equipment should have adequate and reliable safety devices to avoid damage to the itself and the operator due to the malfunctioning or mistakes.	Vendor to confirm		

16	All the rotating parts used on equipment should be statically & dynamically balanced to avoid undue vibrations and suitable covers to be provided.	Vendor to confirm		
17	Angle of inclination	45°-60°		
18	Driving motor	Min. 0.5 hp,1440 rpm, Electric Motor,		
19	The drive motor shall be with Bi-directional rotation of NGEF / Bharat Bijilee / Kirloskar/Siemens/Crompton greaves/ABB/Marathon make and the gear-box should be of reputed makes like Bonfiglioli/Radicon/Elecon/MMC/IC Bauer only.	Vendor to confirm		
20	Suitable support with adjustable leg length for the inclined portion of the chip conveyor must be provided	Vendor to confirm		
21	Chip conveyor must have in-built levelling provision such as levelling screws with knobs or suitable head. Distance between levelling screws should not be more than 600 mm along the width of conveyor.	Vendor to confirm		
22	The Chip conveyor shall have electrical controls with on/off, emergency push button and forward/reverse direction selector switch mounted on the delivery end of the conveyor.	Vendor to confirm		
23	All bearings are to be of sealed type and of reputed makes such as FAG, Timken,NTN, SKF,NRB etc..	Vendor to confirm		
24	Necessary lubricating arrangement should be provided wherever required.	Vendor to confirm		
25	The conveyor should be capable of working at 415 V + /- 10 %, 3 Phase, 4 wire AC supply.	Vendor to confirm		
26	The supplier should give material and thickness details for the Hinges, cover plates etc. used in the conveyor. Hinges should be a single piece, any welding should not be there.	Vendor to confirm		
27	Hinge chain should be removable from top of the conveyor housing for attending maintenance work.	Vendor to confirm		

28	The chip conveyor assembly has to be painted with two coats of Reseda green RAL6011 colour paint.	Vendor to confirm		
29	After taking actual dimensions at our site by supplier, detailed drawing shall be provided for our approval before manufacturing.	Vendor to confirm		
B	Spares			
1	Itemised breakup of mechanical, electrical spares used on the equipment in sufficient quantity as per recommendation of Vendor for 2 years of trouble free operation on three shifts continuous running basis should be offered by vendor. (unit price of each item of spares should be offered)	Vendor to confirm		
C	Documentation			
6	THREE sets of following documents (Hard copies) in English language should be supplied along with the equipment	Vendor to confirm		
2	Detailed Operation and Maintenance manual of equipment with all drawings of equipment assemblies/ sub-assemblies/ parts including Electrical circuit diagrams. All Assembly/ Sub Assembly Drawings shall be supplied with the part list / Bill Of Materials also	Vendor to confirm		
3	Catalogues, O&M Manuals and drawings of all bought out items, bearings wherever applicable.	Vendor to confirm		
4	Electrical drawings with complete BOM	Vendor to confirm		
5	The vendor shall submit complete Master List of parts used in the equipment.	Vendor to confirm		
7	One additional set of all the above documentation on CD ROM, wherever possible.	Vendor to confirm		
D	Pre despatch inspection and delivery			
1	Inspection before dispatch will be carried out at supplier's works by BHEL.	Vendor to confirm		
2	Equipment with its all accessories and spares will be despatched only after despatch clearance from BHEL.	Vendor to confirm		

3	Rigid packing for all items of complete equipment, all Accessories and other supplied items to avoid any damage/loss in transit. If equipment is dispatched in containers, all small loose items shall be suitably packed in boxes	Vendor to confirm		
E	Erection and commissioning			
1	Vendor has to provide commissioning assistance for carrying out the erection, start up, testing and integration of equipment with main equipment.	Vendor to confirm		
F	Warranty: 12 months from the date of acceptance of the equipment or 18 months from the date of supply whichever is earlier.	Vendor to confirm		

CAPITAL PURCHASE
COMMERCIAL TERMS AND CONDITIONS

1.0 QUOTATIONS

The Bidders shall submit the offer in **TWO INNER ENVELOPES** as indicated below which shall be sealed in one outer envelope.

Envelope I This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid & annexure III. This envelope should be clearly marked **'Part I - Technical and commercial bid'**,

Indicating Enquiry No., Due Date and Address & Reference of the Bidder.

Envelope II This sealed envelope should contain **price as per Annexure-IV format**. This envelope should be clearly marked **"Part II - Price bid"**, indicating **Enquiry No., Due Date and Address & Reference of the Bidder**.

Both the envelopes (Part I & II) shall be put in one cover (**Envelope III**), duly sealed, superscribing as Part I and Part II of Enquiry No., due date of opening and the address and reference of the Bidder

The above offer should reach this office on or before the due date by 14.00 hours (IST). Late offers will not be considered.

Tender should not be addressed to any individual's name

The Tender Opening Cell/MM
Room No-26 , Building – 24 , Ground Floor
Bharat Heavy Electrical Limited
Tiruchirapalli- 620014

Tenders should be free from **CORRECTION AND ERASURES**, Corrections if any, must be attested. All Amounts shall be indicated both in words as well as in figures. Where there is difference between amount quoted in words and figures, amount quoted in words shall prevail.

Offers should be in **ENGLISH** and accompanied by detailed technical literature, catalogue and detailed dimensional drawings in **ENGLISH** or otherwise, the offers will not be considered.

2.0 OPENING OF TENDERS

The Part I - Technical & commercial bid alone would be opened on the Tender opening date.

The Part II - Price bid of technically suitable Bidders alone would be opened. The Technically Suitable Bidders would be informed about the tender opening date through e-mail.

Clarifications if any required by BHEL for Technical evaluation **would be** sought from Bidders before opening of Part II - price bid

For any queries clarifications the bidders may contact us through our FAX NO. +91 431 2520719 or through e-mail <arunachal@bheltry.co.in >&< chells@bheltry.co.in>

Annexure For Techno Commercial Bid

Check List - to be filled and submitted along with Technical Bid

BHEL Commercial Terms and Conditions for Indigenous Supplies	Vendor's Confirmation / Comments
Technical confirmation to BHEL's Specification as called for in BHEL Format shall be furnished. If needed additional sheets shall be used.	
Prices shall be quoted item wise only as per the model format enclosed	
Prices shall be quoted on " FIRM PRICE " basis only The prices should be only on F.O.R / Despatching station basis with Packing & Forwarding charges if any. Applicable % of ED & Sales Tax, Freight & Insurance, Installation & Commissioning Charges should be clearly Indicated	
Validity of offer shall be for a minimum period of 120 days from the date of Tender opening	
Delivery period from the date of Letter of Intent / Purchase order shall be clearly mentioned in the offer	
Liquidated damages @ '0.5% per week subject to a maximum of 10% of the order value shall be applicable for delay in deliveries For Details Refer Annexure- v	
Following Risk Purchase clause shall be applicable The purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated or if the same were not available, the best and the nearest available substitute therefore The supplier shall be liable for any loss which the Purchaser may sustain by reason of such risk purchases	
Payment term for supply portion: Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials For details Refer Annexure- v	
Erection / commissioning: (if applicable only) Erection / commissioning charges if any has been mentioned in the offer or else confirmation that Erection /commissioning shall be done at free of cost is available in the offer,	
The equipment shall be guaranteed for a period of 12 months from the date of commissioning	
Final inspection and acceptance of equipment will be after installation at BHEL, Tirumayam	
The vendor shall provide necessary drawings, Test Certificates and Operating Maintenance Manuals etc., as called for in the Technical Specification, in the required number of copies at no extra cost	
Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, Tirumayam basis.	
Offers should be submitted only in sealed cover super-scribing clearly the Enquiry reference and due date.	
% of Excise Duty with cess	
% of TAX (CST/VAT) (INGST with FORM-17 or CST with C-FORM)	
Packing & Forwarding Charges (if any in % only)	
Percentage of Freight& transit insurance charges, if any Freight charges from Dispatching station to BHEL , Tirumayam • Supplier should quote for F.O.R-BHEL , Tirumayam Stores.	
As per Commercial terms and conditions, acceptance for participation in Reverse auction (RA).Yes/No to be indicated	
Name of the person for participating reverse auction	
Land Line Number	
Fax Number	
Mobile Number	
E-mail ID	

NOTE:-

- It is confirmed that all the terms and conditions stipulated in the Enquiry have been fully understood by us and all clarifications & details have been obtained.
- Your offer should be indicating applicable if any P&F Charges, % of ED, Sales Tax -CST or VAT, Service Tax), Freight, Insurance and Installation and Commissioning Charges etc., as per our Price Format
- Your specific acceptance to our Payment terms, LD & Risk Purchase Clause are essential for consideration of your offer. Other wise your offer is liable for rejection.
- No row shall be left blank. Please indicate NA, in case the item is "not applicable"

Payment Term (Indigenous)	
If materials are receivable at Stores/Tirumayam without PBG	Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials.
If materials are receivable at Stores/Tirumayam with PBG	Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials and against 10% PBG valid for the warranty period.
Any deviation in the above payment term will attract loading as mentioned below. “Base rate of SBI (as applicable on the date of bid opening. Techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.	

Offers of indigenous Suppliers with any other Payment terms will be rejected.

Liquidated Damages / Penalty -

The delivery of the goods specified in the purchase order should be made within the time prescribed. LD for delay in 'Supply' and/or 'E&C' will be applicable to the delays attributed to vendor. LD will be considered separately for 'Delivery' and 'E&C'. Where the seller supplies or dispatches the goods, beyond the delivery period Liquidated damages shall be applicable 0.5% of the total order value per week or part thereof subject to a maximum of 10% of the total order value.

Material Despatched after Due date: Once the delivery due date is crossed, bills have to be clubbed till final despatch and forwarded for processing of payment as a single bunch. LD percentage will be calculated from Delivery due date to final despatch date.

The rate of LD for delayed E&C shall be @ 0.5% per week of delay of total PO value (Supply + E&C) in E&C subject to a maximum of 10% of total PO value (Supply + E&C).

For staggered delivery schedule, LD shall be 0.5% of the undelivered portion per week of the delay or part thereof subject to a maximum of 10% of the total order value.

Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value).

For the purpose of Imposing LD, the FOB delivery (B/L date) shall be considered.

Guarantee / Warranty Period – (if applicable)

Normally No deviation permitted and the deviated offers are liable for rejection.

Ranking-

BHEL will consider the ranking after the loading is applied as referred above wherever deviations are observed.

Performance Bank Guarantee – (if applicable)

Normally No deviation permitted and the deviated offers are liable for rejection.

Fraud prevention clause: The bidder along with its associate/collaborator/sub-contractor/sub-vendor/consultants/service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice.

NOTE:-

1. If the due date of tender opening happens to be a holiday, the tenders will be opened on the next working day.
2. BHEL reserves the right to go for a reverse auction (RA) instead of opening the submitted sealed bid which will be decided after technical evaluation. Information and general terms and conditions covering RA are given in commercial terms and conditions.
3. Corrigendum if any, with respect to this tender will be hosted only in the website <http://www.bhel.com> or <http://tenders.gov.in>. You are requested to visit the website regularly for updates.

Special Provisions for Micro and Small Enterprises (MSE)

1. 20% of the tendered quantity is earmarked for MSE suppliers in this tender.
2. Out of the 20% tendered quantity reserved for MSE suppliers, 4% shall be earmarked for procurement from MSE owned by SC/ST entrepreneurs.
3. In case MSE vendor participating in the tender quotes within the price band of L1+15%, they will be allowed to supply the portion of the requirement subject to acceptance of L1 price by MSE vendor. In case of more than one such MSE, the supply shall be shared proportionately.
4. "MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM-II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed at Annexure -VII where deemed validity of EM II certificate of five Years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer."

Certificate by Chartered Accountant on letter head

This is to Certify that M/S
(hereinafter referred to as 'company') having its registered office at
is registered under MSMED Act 2006, (Entrepreneur
Memorandum No (Part-II) dtd:.....,
Category: (Micro/Small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as on
date..... as per MSMED Act 2006 is as follows:

1. **For Manufacturing Enterprises: Investment in plant and machinery** (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.S.O.1722(E) dated October 5, 2006 :
Rs.....Lacs
2. **For Service Enterprises: Investment in equipment** (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006:
Rs.....Lacs

The above investment of Rs.....Lacs is within permissible limit of
Rs.....Lacs forMicro / Small (~~Strike off which is not applicable~~)
Category under MSMED Act 2006.

Date:

(Signature)

Name -

Membership number -

Seal of Chartered Accountant