



BHARAT HEAVY ELECTRICALS LIMITED

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


PHONE :2577938
GRAMS : BHARATELEC
FAX NO: 2520719
E-mail: tvankat@bheltry.co.in
Web:

429-002/A

	Enquiry No 2661600312 - 55	Enquiry Date 04.08.2016	Due Date for Quotation 30.08.2016
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order. <i>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.</i>			

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	<p>Hydraulic Cylinder as per Drg. 3M-04D-16-15516.</p> <p>Specifications: Type: Double Acting Hyd Cylinder Cylinder Bore dia.: 80 mm, Piston Rod dia. 25 mm, Stroke: 450 mm, Mounting and over all dimensions As per drawing No. 3M-04D-16-15516 Maximum operating pressure: 60 Bar. (1) Piston rod should be hard chrome plated to 55 HRC (min) and 40 microns thick (min), (2) Seal arrangement should follow as: Double acting piston seal (Step seal)- with Back-up ring and guide strips on both sides. Rod Seals in Gland Nuts, along with Wiper seal.</p> <p>NOTE: (1)The successful vendor should provide the detailed drawings, cross sectional assembly drawing of cylinders with its complete dimensions ,material of construction and standard wear resistant sealing arrangements and bill of materials with Makes and Part number to BHEL for approval before manufacturing. (2)Latest wear resistant sealing arrangement and only standard size seals of Bushak Shamban / Merkel / Parker / Simrit Freudenberg / Hunger/ Hallite / James Walker makesor its equivalent acceptable. (3)Test certificates for hydraulic pressure testing, material, hardness and thickness of chrome plating to be submitted during Pre-dispatch inspection. (4)STANDARD SEALS: PU/PTFE/VITON OR ITS COMBINATION IN THE Makes as per SI.No: 2. (5)Supplier may visit the site to get acquaintance about the machine and its operation before quoting.</p> <p>VENDOR QUALIFYING CRITERIA Only those vendors who satisfy the following conditions will get</p>	NO	4.000	4.00	28.10.16

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. CHELLIAH
Sr Manager / Purchase
MM / RM / CP & SP
BHEL, TRICHY - 620 014. (FOSSIL BOILERS)
MANAGER / PURCHASE
Yours faithfully,

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2661600312 / 04.08.2016

23505

qualified to participate in the tender:

1. Vendor should have minimum 2 years of experience in this field.
2. Previous PO details for supplying similar kind of items to BHEL and/or any-other Organisation should be submitted along with offer. (Otherwise offer will be rejected.)

20	SET	8.000	8.00	28.10.16
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Seal kit for the above cylinder. One Set consisting of Piston seal 1 set and Rod seal 1 set for gland nut. Seal Kit arrangement should follow as: Double acting piston seal (Step seal)- with Back-up ring and guide strips on both sides. Rod Seals in Gland Nuts, along with Wiper seal.
NOTE: FOR ITEM.NO. 10 AND 20 ARE MATING PARTS. HENCE THESE ITEMS SHOULD BE PROCURED FROM SINGLE SOURCE ONLY.

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**

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 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. CHELLIAH
Sr Manager / Purchase
MM / RM / CP & SF MANAGER / PURCHASE
BHEL, TRICHY .620 014.(FOSSIL BOILERS)
Yours faithfully,



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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.

The supplier shall submit EI/EII forms to BHEL time to time as indicated by the BHEL and in case of inordinate delay in issuing EI/EII forms, then BHEL reserves the right to deduct 5% of the value of the supplied items against which EI/EII forms pending to be issued

Enclosures:

"LD clause has to be confirmed without fail."

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**

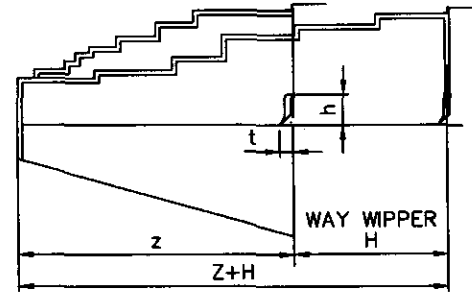
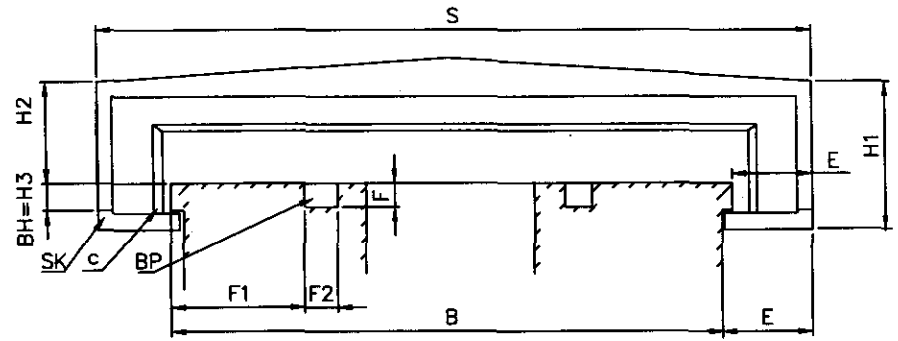
V. CHELLIAH
Sr Manager / Purchase
MM / RM / CP & SP
BHEL, TRICHY - 620 014.
MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,

CAUTION: THIS DRAWING IS OUR SOLE PROPERTY AND SHOULD NOT BE USED IN ANY FORM FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF BHARAT HEAVY ELECTRICALS LIMITED, TROOPURAMPALLI - 630 024.

ALL DIMENSIONS ARE IN MM

		H63A		H80	BH100	SACEM-MST-130		AZ11	WT100A	AF110	HMC 800	CBH-100		NCMURA-BNF130		HB617		VSPQ63	SACEM-125	SAFOP-600	BFT-110(X-AXIS)		H8634-CNC	BFT-110																	
		Z-AXIS	X-AXIS	Z-AXIS	X-AXIS	Z-AXIS	X-AXIS	Z-AXIS	X-AXIS	X-AXIS	Z-AXIS	X-AXIS	Z-AXIS	X-AXIS	Z-AXIS	X-AXIS	X-AXIS	X-AXIS	X-AXIS	AUX.	MAIN	180HMT	(Z-AXIS)																		
B	GUIDE WAY	530	710	850	1060	1128	1000	1300	1200	885	750	700	1000	1000	1600	710	1250	1555	810	50	840	1700	730																		
E	LATERAL WIDTH	43	48	40	70	45	100	45.5	90	64	54	28	104	130	455	140	145	160	18	-	-	50	-																		
F	CLEARANCE CUT WIDTH	10.5	10.5	10.5	-	-	-	-	-	-	-	-	-	-	55	-	-	78	-	-	-	70	-																		
F1	LATERAL SPACING	47.5	40	61.5	-	195	200	-	-	-	180	120	296	300	158	140	200	172	-	-	-	300	-																		
F2	CLEARANCE CUT WIDTH	16.5	16.5	16.5	-	-	-	-	-	-	-	-	-	-	285	-	-	198	-	110	-	400	-																		
S	CARRIAGE WIDTH	602	815	930	1185	1155	1200	1391	1410	1080	868	770	1200	1200	2410	900	1540	1760	640	190	870	1800	870																		
H1	CARRIAGE HEIGHT	70	88	80	140	100	280	115	280	160	150	120	200	230	345	180	350	265	97	-	250	270	265																		
H2	CARRIAGE HEIGHT OVER BED WAY	24	32	38	70	70	-	63	180	-	-	-	-	-	240	135	200	200	72	-	-	150	-																		
Bh=H3	LATERAL CARRIAGE HEIGHT OF GUIDE WAY	30	40	48	60	50	40	75	48	22	58	38	70	70	110	45	70	65	50	-	-	70	-																		
Z	MAX.POSSIBLE COLLAPSED LENGTH	FRONT		300		820		300		250		300		250		500		550		190		550		265		500		1300		280		320		-		-		-		500	
H	STROKE (TRAVERSING PATH OF CARRIAGE)	-	-	-	1870	2150	-	1250	1600	-	-	-	-	-	1745	-	15200	1000	-	480	480	1750	1150																		
h	WIPER HEIGHT	25	27	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
t	WIPER DEPTH	10	7.5	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																			
H+Z	FRONT(MAX)	730	845	970	2170	2970	1300	1500	-	1250	1340	1935	2125	1550	2010	1500	17800	1270	1700	1870	1870	4700	1650																		
H+Z	BACK(MAX)	650	845	970	2400	2970	1300	1500	1900	1250	1340	1935	2125	1550	2010	1500	17800	1270	1700	1870	1870	4700	1650																		

FOR TENDERING PURPOSE ONLY



SK: CARRIAGE PROFILE
 C: STEEL COVER
 BP: GUIDE WAY

NOTE: -
 SHEET THICKNESS AND FIXING ARRANGEMENT OF WALKON TYPE TELESCOPIC GUARD TO THE MACHINE TO BE ASCERTAINED BY THE SUPPLIER
 MATERIAL : Fe330 IS:1079

DESCRIPTION	MATERIAL	STANDARD	NET.WT.IN KGS.	DRAWING No.	ITEM No.	
REFERENCE		ALTERATIONS	DCN REF	DATE	SIGN.	DATE
SCALE	DRN./TCD	G.GOVINDARAJ	PLAT ROOF CHANGED TAPER ROOF W/20 53 COLUMNS ADDED	05.08.11	CSJ	①
	CHED.	R.Ramamoorthy	AZ11 M/C, SACEM-HENRISON M/C,	29.08.13	K.R	②
	APPD.	C.S.Jayashelan	SAFOP 600 PIPE CHAMP.M/C AND BFT-110 M/C, H8634-CNC M/C ADDED	21.07.15	GGR	③
	DATE	29.05.08	BFT-110 M/C(Z-AXIS)ADDED			
MACHINE: HORIZONTAL BORING		TYPE: H63A /GENERAL		DRAWING No.		REV
TITLE: DATAS FOR MAKING TELESCOPIC GUARD		3M01B0111056403		Sheet No.		No. of Sheets

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>

MM: CP & SP
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, Trichy	
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, Trichy basis.	
Offers should be submitted only in sealed cover super-scribing clearly the Enquiry reference and due date.	
Confirm MSE vendor or not (Incase of MSE vendor necessary documentary proof shall be furnished as per Annexure VI)	
% 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, Tiruchirappalli • Supplier should quote for F.O.R-BHEL Trichy 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/Trichy <u>without</u> 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/Trichy <u>with</u> 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.
Such Micro/Small Enterprises registered vendors must state the sub-category to which they belong and submit documentary proof for the same. The sub-categories are:
 - (a) Enterprises owned by Scheduled Castes.
 - (b) Enterprises owned by Scheduled Tribes.
 - (c) Enterprises owned by other than above two categories

The enterprises under (a) & (b) means the proprietor in case of single owned firm and all partners in case of partnership firm and all directors in case of private/public limited must belong to SC/ST category.

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

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.5.0.1722(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 for Micro / Small (Strike off which is not applicable) Category under MSMED Act 2006.

Date:

(Signature)

Name -

Membership Number -

Seal of Chartered Accountant