



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 7360/7775

Email : ajayasalkar@bhel.in

kumar.virendra@bhel.in

Web : www.bhel.com

TWO PART BID	Enquiry Number:	Enquiry Date:	Due date for submission of quotation:
Tender to be submitted in two parts	2631800001	01.01.2018	24.01.2018

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	Qty.
10	"Cast Iron Surface Plate" as per the technical specification, BHEL commercial terms & conditions applicable (to be downloaded from web site www.bhel.com and https://eprocure.gov.in)	02 Nos.

Important points to be taken care during submission of offer:

1. Delivery terms shall be FOR BHEL Stores, Trichy-620014.
2. Compliance Form No.: TRY/IND/08 to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
3. Delivery required 2 months from the date purchase order.
4. Erection and commissioning shall be done at BHEL, Trichy by the supplier.
5. Erection & Commissioning period required 3 Weeks from the date of intimation by BHEL to vendor for deputation of their Engineers for E&C.
6. EMD: Not Applicable.
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/GENL001), commercial Terms check list (Compliance Form) and Technical Specification can be downloaded from BHEL web site <http://www.bhel.com> or from Central Public Procurement Portal website <https://eprocure.gov.in> under Enquiry reference "2631800001".

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. SALKAR

Sr. MANAGER

MM / Capital Equipment

BHEL, Tiruchirappalli - 620 014.

PART A – Qualifying Criteria for Cast Iron Surface Plate

PART-A
QUALIFYING CRITERIA FOR CAST IRON SURFACE PLATE

S. NO	BHEL SPECIFICATION	VENDOR'S OFFER
1.0	QUALIFYING CRITERIA	
1.1	The supplier should have experience of manufacturing and commissioning of the Surface plates and should provide reference list of previous customers with details of the contact persons to whom individual surface plates of size 1Mx1M, IS 2285 Grade 1 have been supplied.	
1.2	Vendor has to submit at least ONE Previous Purchase order copy towards the supply of CAST IRON SURFACE PLATE (Minimum size 1M X1M) from their customers supplied and commissioned in the last 05 years. The PO Copy should be in the name of Bidder/Vendor.	
1.3	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.	

2.0	INFORMATION TO BE PROVIDED BY VENDOR	
2.1	Vendor shall provide contact details (phone no & email id) including the address of his Agents/Service centres in India.	
2.2	Number of “ Cast Iron surface plate ” supplied and commissioned till date .	
2.3	Vendor must furnish Point-wise replies in their offer along with necessary Sketches / Drawings / Catalogues etc.	

PART B - Technical Specification for Cast Iron Surface Plate

SL. No.	SPECIFICATION / DESCRIPTION		BIDDER OFFER
1.0	Purpose: Cast iron surface plate shall be used as a precision reference for valves & OFE components	Bidder to note	
2.0	TECHNICAL SPECIFICATION		
2.1	Cast iron surface plate shall conform to IS:2285-2003. It shall be made from plain grey iron castings conforming to grade FG:220 of IS:210-1978. Material test certificates as required by the Indian standard shall be submitted along with the supply.	Bidder to Confirm	
2.2	Surface plate dimensions shall be 1M x 1M.	Bidder to Confirm	
2.3	Top working surface of each surface plate shall be plain.	Bidder to Confirm	
2.4	Suitable number of cored holes on the peripheral ribbings shall be provided for lifting surface plate. Provision shall also be made for covering of the cored holes when not in use.	Bidder to Specify	
2.5	Surface plate shall be supported on suitable number of levelling screws which will be mounted on concrete supports grouted inside a pit. Adjustment of the levelling screws shall be done from underneath the surface plate. Number of levelling screws to be informed by the supplier .	Bidder to Specify	
2.6	Overall height of the assembled surface plate shall be 750+ 25 mm from average shop floor level. However total height of the concrete supports and levelling screws should be sufficient to enable easy entry of the personnel underneath the surface plate for levelling, cleaning etc. Supplier to inform the basic dimensions and proposed lay-out along with the offer.	Bidder to specify	

PART B - Technical Specification for Cast Iron Surface Plate

SL. No.	SPECIFICATION / DESCRIPTION		BIDDER OFFER
2.7	Load bearing capacity of each individual surface plate shall be 2 Ton. Thickness of individual surface plate to be informed by the supplier.	Bidder to Specify	
2.8	The surface plates shall be finish machined on their top working surface as well as four sides at their periphery. Top surface may be hand scrapped to achieve the specified flatness accuracy. Parallelity and perpendicularity of the four sides of individual surface plates to be informed.	Bidder to Confirm	
2.9	The flatness accuracy of surface plate of size shall be within 14µm as per IS 2285-2003 Grade-1	Bidder to Confirm	
2.10	Un machined exterior surfaces at the periphery of the Castings & leveling screws shall be painted with Green enamel paint. Interior surfaces of the castings shall be painted with red oxide primer.	Bidder to Confirm	
2.11	Overall dimensions and Foundation details shall be informed by the Supplier within two months after placement of the order. Civil work as per the details given by the supplier shall be done by BHEL.	Bidder to Specify	
3.0	PRE-DESPATCH INSPECTION , COMMISSIONING AND ACCEPTANCE		
3.1	The equipment, its accessories, etc shall be offered for inspection and performance prove-out to BHEL Engineers, prior to dispatch. Test certificates, Specification compliance and flatness accuracies of the individual surface plates shall be submitted.	Bidder to Confirm	
3.2	Final acceptance shall be done after successful installation and commissioning at BHEL by the Supplier to achieve specified flatness accuracy.	Bidder to Confirm	