



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
HEAVY PLATES AND VESSELS PLANT
PURCHASE DEPARTMENT
VISAKHAPATNAM - 530012
ANDHRA PRADESH(INDIA)

Contact Ph No :0891 6681312
Fax :0891-6681700
Email :govindarch@bhel.in
Web : hpvp.bhel.in

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Enquiry No (Coll-No)	Enquiry Date	Due Date for Quotation
H012000043	17.03.2020	07.04.2020
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	Delivery Date
10	Ceramic Block As Per RND12CRMC010 Drg No: RD-100-P-115 TDC: RD-CERAMIC-01	NO	144.000	144.00	30.04.20
20	Ceramic Washer RND12CRMC020 Size: OD 25mm x ID 8.5mm x thickness 3 mm. TDC: RD-CERAMIC-01	NO	300.000	300.00	30.04.20
30	Ceramic Tube As per Drg No:RD-100-P-113 RND12CRMC030 Size: OD 41mm x ID 30mm x L 121 mm. TDC: RD-CERAMIC-01	NO	20.000	20.00	30.04.20
40	Ceramic Tube RND12CRMC040 Size: OD 9 mm x ID 6.5 mm x L 650 mm OR 9mm OD rod X 650 mm length. TDC: RD-CERAMIC-01	NO	72.000	72.00	30.04.20
50	Ceramic Tube RND12CRMC050 Size: OD 30mm x ID 20mm x L 100mm. TDC: RD-CERAMIC-01	NO	36.000	36.00	30.04.20

General Note:

TERMS & CONDITIONS:

- 1) Please quote your Price on FOR BHEL HPVP Stores, Visakhapatnam

The offers should reach us before 14:00 hrs on the due date of opening of the tender. The offers will be opened after 15.00 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

डी.एम.एच. गोविन्द राव
उप प्रबन्धक (एमपी सीपी-सीपीएस)
D-MANAGER (MP-CPS)
530012



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basis.

Please note that if P & F, Transit Insurance and freight are extra, indicate the same item wise in your price bid.

2) Price Evaluation: Price shall be considered on Landed Cost basis or item wise basis (Cost to BHEL-HPVP, VSP - 12). Landed cost shall be worked out on price quoted including Quantity, Freight, Transit Insurance, loading on deviations, Custom Duty, loading as per Customs Notifications and Goods & Service Tax (GST) after taking out Input Tax Credit benefit, as applicable. The Comparative Statement shall be worked out on overall Landed Cost basis (Total Cost to BHEL) for the Item Wise.

3) The Comparative Statement of the price prepared on the reference date shall remain firm throughout the execution period. Any change in duty & tax structure during execution of the contract will not be considered for re-ranking of vendors.

4) The lowest price received against the above Tender need not be commercially lowest price & BHEL-HPVP, VSP - 12 reserves the right to NEGOTIATE the same.

5) BHEL-HPVP, reserves the right / option to REFLOAT the Tender if price is not the lowest acceptable price to BHEL-HPVP.

6) Payment Terms: 100% Payment will be made within 45 days from the date of receipt and acceptance of material. However, GST portion of invoice shall be released only upon a) Vendor declaring the invoice in his GSTR-1, b) Receipt of Goods and Tax Invoice by BHEL & c) Confirmation of payment of GST thereon by vendor on GSTN Portal. If the offer is not in line with the same, the following loading criteria will be adopted for evaluation (Offer with Payment Term as Payment against Proforma Invoice shall be rejected)

7) Loading Criteria for Payment Terms: Vendor should accept the payment terms specified above. However for any deviation to the payment terms offered with reference to the above criterion will be loaded with prime lending rate of SBI prevailing on date of opening of technical bid + 6%, which shall be computed for the differential period between BHEL Visakhapatnam terms of payment and the offered basic price.

8) Please submit your sealed quotation in TWO PART BID (PART I- Techno Commercial & Unpriced Bid, PART II - Priced Bid in separate covers) before 2 p.m on or before the due date. The Part I bids will be opened at 3 p.m on due date. The quotations shall be sent by post to "Manager (MP-Misc, I&T, CPS), BHEL-HPVP, Visakhapatnam-530 012 A.P" or quotations can be dropped in the Tender Box which is available in Admin Bldg, HPVP-BHEL Vizag

9) If you are not able to quote, please send your regret with the reasons.

10) Offer validity should be 60 days from tender opening date.

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Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED

सीएच. गोविन्द राव/CH. GOVINDA RAO
उप प्रबन्धक (एम्पी सीपी-सीपीएस)



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- 11) HPVP- BHEL reserves the right to increase/ decrease the qty.
- 12) Fax / mail offers will not be accepted.
- 13) Delivery required on Ex stock basis.
- 14) Supplier should confirm the acceptance for Part order quantity.
- 15) Inspection of material by BHEL HPVP on receipt of materials at our Stores or by BHEL approved inspection agency & rejected material if any is to be replaced within one week.
- 16) Liquidated Damages (LD): LD will be levied @ 0.5% of the price for each week of delay or part thereof up to a maximum of 10% of total purchase order value to be reckoned from the contract delivery date for the purpose of calculating the LD. (In case of recovery of LD, applicable GST also will be recovered)
- 17) Loading Criteria for LD: Any deviation from above LD Clause to the extent for which LD is not agreed by the vendor i.e., differential % value will be loaded on basic price, e.g. If some vendor agrees for say maximum of 4% LD then his price will be loaded by 6% (10 -4) of his quoted basic price.
- 18) Special Provision for Micro and Small Enterprises (MSE) is enclosed at Annexure 1.
- 19) ARBITRATION: Notwithstanding anything contained in any document whatsoever, all questions, matters, disputes and claims relating to and arising out of this contract, shall be referred to sole arbitrator, who shall be appointed by Head of the Unit, BHEL, HPVP, Visakhapatnam at his sole discretion. Such appointment of arbitrator shall not take place unless and until a written request for appointment of arbitrator from any of the parties to the contract has been received by Head of the Unit as aforesaid. The arbitrator shall give his reasoned award. It is a term of this contract that no person other than a person appointed by such Head of the Unit as aforesaid, shall act as arbitrator and if for any reason that is not possible, the matter is not to be referred to arbitration at all. The venue of arbitration shall be such place as may be Fixed by the arbitrator at his sole discretion. The award of arbitrator shall be final, conclusive binding on all the parties to the contract.
- 20) JURISDICTION: Not out of this contract including that arise out of arbitration and bank guarantees, shall be initiated, filed and tried only in the courts, tribunals and forums, situated at and having territorial jurisdiction over Visakhapatnam even though such jurisdiction also vests in courts, tribunals & forums situated elsewhere in the country.
- 21) RISK PURCHASE: The delivery period stated shall be realistic and shall be strictly adhered to. If the deliveries are not maintained and if on the account, this company is forced to buy the materials elsewhere to avoid any loss or damage that the company may sustain thereby the purchaser is entitled to procure the material at the risk

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For BHARAT HEAVY ELECTRICALS LIMITED

सीएच. गोविन्द राय/CH. ED/INDIA RAO
उप प्रबन्धक (एमपी सीपी-सीपीएस)
DY. MANAGER (MP CPS)
17/03/20



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and cost of the seller, which shall be recovered from them out of due of this PO / Contract, any other PO / Contract with BHEL and balance amount if any shall be required to be deposited by the vendor.

22) REJECTION REPLACEMENT: Rejected material, if any, after receipt of material at our end, shall be replaced by you immediately free of cost and also on freight paid basis.

23) Reverse Auction: "BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. Bidders to give their acceptance with the offer for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.

Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'Process compliance form' (to the designated service provider) as well as 'Online sealed bid' in the Reverse Auction. Non-submission of 'Process compliance form' or 'Online sealed bid' by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).

The bidders have to necessarily submit online sealed bid less than or equal to their envelope sealed price bid already submitted to BHEL along with the offer. The envelope sealed price bid of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price & envelope sealed price) thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates.

If it is found that L1 bidder has quoted higher in online sealed bid in comparison to envelope sealed bid for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/contractors (as available on www.bhel.com)."

Follow the below link for Abridged version of Guidelines for Reverse Auction-2016
http://www.bhel.com/vender_registration/pdf/Guidelines%20for%20Reverse%20Auction-2016.pdf

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गोविन्द चन्द्र गोविन्द
उप प्रबन्धक (एचपी सीपीएस)
Dy. MANAGER (MP-CPS)
17/03/20



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24) GST Clause: The bidder to specify in their offer (part 1 bid) the category of their registration under GST like Registered, Unregistered and composite dealer.

The provisional GST registration number of Bharat Heavy Electrical Ltd, Heavy Plates and Vessels Plant, Visakhapatnam is "37AAACB4146P7Z8" with state Code as "37" and State Name as "Andhra Pradesh".

No GST will be reimbursed to unregistered or composite dealer. In the event, any GST is quoted by composite dealer, the same shall be added to the cost of supply in evaluating the bid.

Supplier shall mention their GSTIN registration number(GSTIN) in all their invoices and invoices shall be in the format as specified/prescribed under GST Laws. Invoices shall necessarily contain invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no commercial invoice no etc., then the invoice No which is linked/uploaded in GSTN Network shall be clearly indicated), item description as per PO'Quantity Rate, Value, applicable taxes with nomenclature (like IGST , SGST , CGST & UTGST) separately, HSN/ SAC Code, etc.

All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).

The bidder shall clearly indicate HSN (Harmonised System Nomenclature) / SAC (Service Accounting Code), its description and applicable rate of GST for each item in his techno-commercial bid.

In case GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount shall be recoverable from vendor along with interest levied/leviable on BHEL.

In case vendor delays declaring such invoice in his return and GST credit availed by BHEL is denied or reversed subsequently as per GST law, GST amount paid by BHEL towards such ITC reversal as per GST law shall be recoverable from vendor along with interest levied / leviable on BHEL.

Vendors must ensure compliance of all the applicable rules and procedure as envisaged in the GST Regime. Any loss to BHEL-HPVP due to fault / noncompliance by the vendor will be to the vendor's account.

25) Please fill the checklist for commercial terms enclosed at Annexure-II and submit the signed and stamped copy of the same along with your technical bid.

26) Please indicate any deviations from NIT Terms & Conditions in your offer (In case of two part bid in the technical offer). If no deviations are mentioned in the offer/quotation, all the Terms & Conditions given in the NIT are deemed to be accepted by the vendor.

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Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED

Signature of Govind Arch
उप प्रबन्धक (एसी सीपी-सीपीएम)
D. MANAGER (MP-CPS)



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27) Bid should be free from correction, overwriting, using corrective fluid etc. Any interlineation, cutting, erasure or overwriting shall be valid only if they are attested under full signature(s) of Person(s) signing the bid else bid shall be liable for rejection. All overwriting / cutting etc., will be numbered by bid opening officials and announced during bid opening.

28) For this procurement, Public Procurement (Preference to Make in India), Order 2017 dated 15.06.2017 & 28.05.2018 and subsequent orders issued by the respective Nodal Ministry shall be applicable even if issued after issue of this NIT but before finalization of contract / PO/ WO against this NIT.

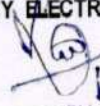
In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and/or local content in respect of this procurement, same shall be applicable.

Enclosures:

ANNEXURE I & II, Technical Specification and Drawings

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Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED


17/03/20
सहायक. गोविन्द राव/CH. GOVINDA RAO
आ. प्रबन्धक (एम्पी सीपी-सीपीएम)

ANNEXURE I

SPECIAL PROVISION FOR MICRO AND SMALL ENTERPRISES (MSE):

Applicable for INDIAN Manufacturers only:

- i) As per the public procurement policy notified by the Central Government, Micro & small Enterprises (MSE) participating in the tender, quoting Price within Price band of L1 + 15 % will be allowed to supply a portion of requirement subject to acceptance of L1 price in a situation where L1 price is from someone other than a Micro & small enterprise & such Micro and small Enterprise shall be allowed to supply up to 25% of Quantity. In case of more than one such MSE, the supply shall be shared proportionately.
- ii) 25% of the tendered quantity is earmarked for MSE suppliers in this tender.
- iii) Special provision for Micro and Small Enterprises owned by SC or ST:
Out of 25% tendered quantity reserved for MSE suppliers, 4% shall be earmarked for procurement from MSE owned by SC/ST entrepreneurs.
- iv) Special provision for Micro and Small Enterprises owned by Women:
Out of 25% tendered quantity reserved for MSE suppliers, 3% shall be earmarked for procurement from MSE owned by Women entrepreneurs.
- v) 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 as per Annexure -C 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 is 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.
- vi) All Micro and Small Enterprises (MSEs) who are having Udyog Aadhaar Memorandum shall also be provided all the benefits available for MSEs under the Public Procurement Policy for Micro and Small Enterprises (MSE), order 2012.

ANNEXURE II

Bidder's acceptance to BHEL Visakhapatnam's Standard Commercial Terms & Conditions.
(To be submitted along with the offer for Single Part Bid/Technical offer for Two Part Bid – please do not change the format)

BHEL -HPVP Visakhapatnam Tender Enquiry No. & Date: H012000043

Dated 17.03.2020

Description of commercial terms	Bidders response
Prices have been quoted on "FIRM PRICE" basis only (Yes / No)	
Prices have been quoted on "F.O.R, BHEL-HPVP Visakhapatnam" basis only (Yes / No)	
P & F (Please confirm whether included or not)	
Freight (Please confirm whether included or not)	
Insurance (Please confirm whether included or not)	
Validity of offer (we require a minimum period of 60 days from the date of Tender Opening – please Specify)	
GST% (Please Specify)	
HSN Code (Item Wise)	
Delivery Period (Please specify the delivery period)	
Liquidated damages (we require acceptance to @ ½% per week subject to a maximum of 10%) (Yes / No)	
Part Order/ Quantity Acceptance(Yes / No)	
Payment terms, (100% Payment will be made within 45 days from the date of receipt and acceptance of materials subject to GST Clause of Terms & Conditions) (Yes / No)	
Rejection Replacement (Yes / No)	
Risk Purchase Clause (Yes / No)	
ARBITRATION Clause (Yes / No)	
JURISDICTION Clause (Yes / No)	
Vendor Status (MICRO / SMALL ENTERPRISES) (please Specify) (If yes, please submit the Udyog Aadhaar Memorandum along with offer)	MICRO / SMALL UAN NO:
Whether owned by SC/ ST /Women Entrepreneurs (Yes / No) (If yes, please submit the Udyog Aadhaar Memorandum along with offer)	
Acceptance for reverse auction (Yes / No) (Offers from vendors not accepting to participate in RA will be rejected)	

Signature of Bidder with Stamp



TDC: RD-CERAMIC-01

DATE: 12..03.2020

TECHNICAL SPECIFICATIONS FOR HIGH DENSITY ALUMINA CERAMIC MATERIAL

PROPERTIES	DESCRIPTIONS	REQUIREMENT
MECHANICAL	DENSITY	3.85 MINIMUM
	WATER ABSORPTION	0 %
	GAS TIGHTNESS	Helium Gas Tight
	ELASTIC MODULUS	350 Gpa Minimum
	POISSON'S RATIO	0.23
	FLEXURAL STRENGTH	360 Mpa
	COMPRESSIVE STRENGTH	2400 Mpa
	FRACTURE TOUGHNESS	4-5 Mpa M ^{1/2}
	HARDNESS	14 Gpa Minimum
	COLOUR	Ivory/Off white
	SURFACE FINISH	Polished
THERMAL	THERMAL CONDUCTIVITY	30 W/m.K
	SPECIFIC HEAT	880 J/Kg-K
	MAXIMUM TEMPERATURE OF USE	1800 °C (Preferable)
	THERMAL SHOCK	200
ELECTRICAL	DIELECTRIC STRENGTH	18 Kv/mm (Preferable)
	DIELECTRIC LOSS VOLUME RESISTIVITY	0.001 @1 MHz, 25 °C
		>10 ¹⁴ Ohm-cm @ 25 °C
		2 X 10 ¹⁰ Ohm-cm @ 500 °C
		5 X 10 ⁵ Ohm-cm @ 1000 °C

Material: polished, impervious(Gas Tight) High Alumina (minimum 99%) , high density fully recrystallized alumina ceramic material.

Note: Test Certificate confirming the Mechanical, Thermal and Electrical Properties is to be provided at the time of supply of material.

PREPARED BY

CHECKED BY

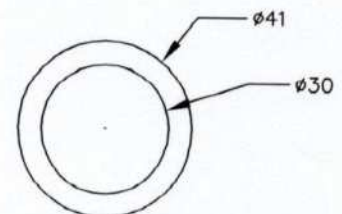
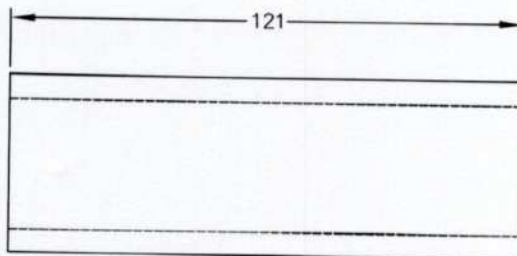
APPROVED BY

S.V.S. SRINIVAS

SR. MANAGER (R&D)

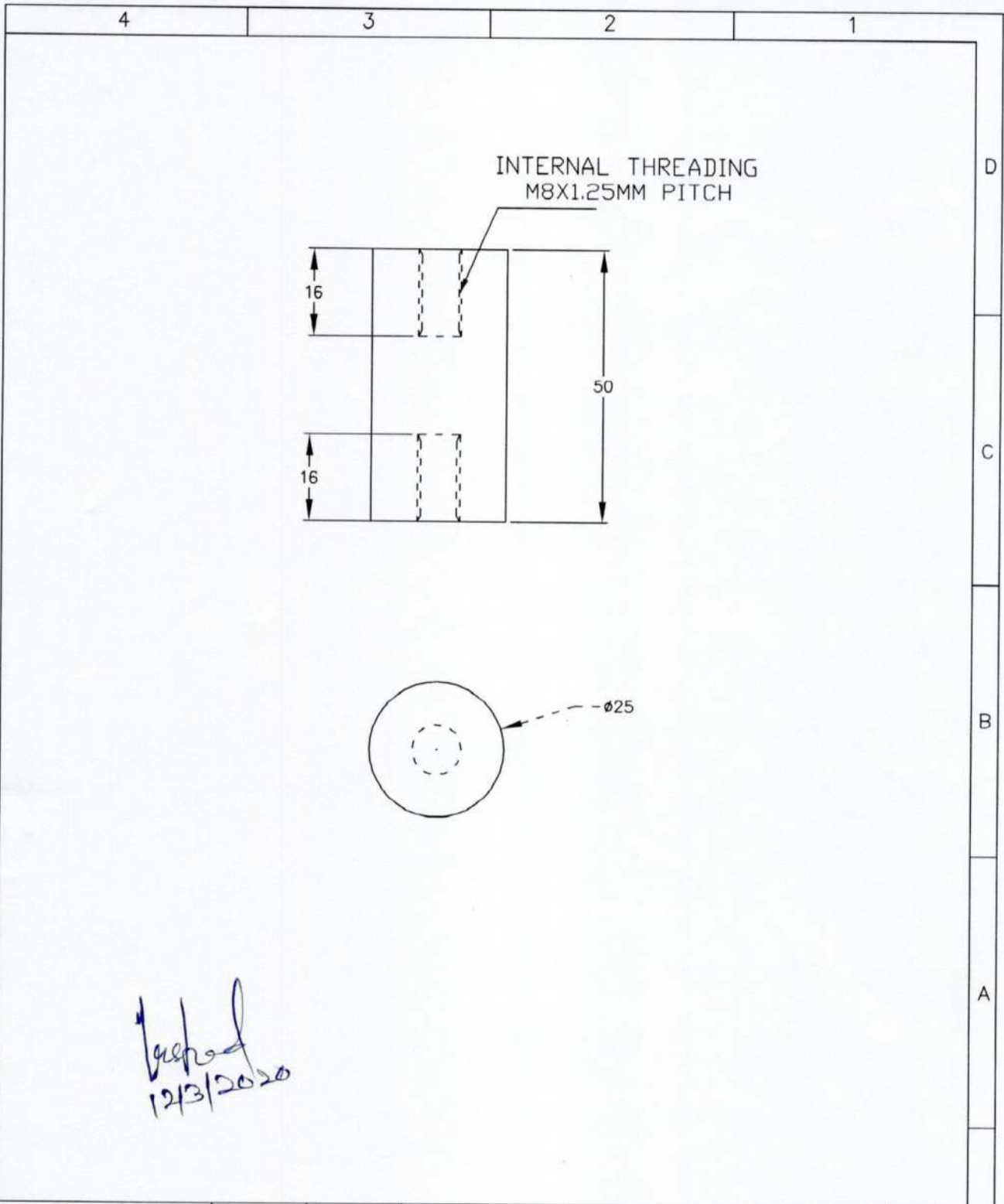
HEAVY PLATES AND VESSELS PLANT
BHARAT HEAVY ELECTRICALS LTD

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12/3/2020

REF. DRG.							
REV NO.		ZONE		BRIEF RECORD		PPD	CHD
QTY.				BHARAT HEAVY ELECTRICALS LTD. HEAVY PLATES & VESSELS PLANT VISAKHAPATNAM - 530012 (A.P)			
PART NO. 113							
MATRL.	CERAMIC	DRN	RESEARCH & DEVELOPMENT				
NOTES:		CHD	SS BRAZING FURNACE CERAMIC TUBE				
1. DRAWING NOT TO BE SCALED.		APPROVED	WORK ORD. NO.:			NO. OFF:	
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.		SCALE	YR OF ORD	SIZE	DRAWING NO.		REV



12/3/2020

REF. DRG.									
		REV NO.	ZONE	BRIEF RECORD		PPD	CHD	APD	
QTY.		BHARAT HEAVY ELECTRICALS LTD. HEAVY PLATES & VESSELS PLANT VISAKHAPATNAM - 530012 (A.P)							
PART NO.	115								
MATRL.	CERAMIC	DRN		RESEARCH & DEVELOPMENT					
NOTES: 1. DRAWING NOT TO BE SCALED. 2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.		CHD		SS BRAZING FURNACE CERAMIC BLOCK					
		APPROVED		WORK ORD. NO.:				NO. OFF:	
		SCALE	NTS	YR OF ORD	SIZE	DRAWING NO.		REV	
					A4	PD 100 D 115		C	