

**General Note: BHARAT HEAVY ELECTRICALS LIMITED**

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

PHONE : 2577629
 GRAMS : BHARATELEC
 FAX NO: 2520719
 E-mail :
 Web :

429-002/A

OFFICE COPY	Collective No.	Enquiry Date	Due Date For Quotation
	2661400079	06.02.2014	28.02.2014
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order			

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	Industrial Enclosures as per Technical Specification Ref.:TCI:RPD:039:PAN Panel 800x2200x600mm Panel Panel	NO	1.000	1.00	31.03.14
20	Console 600x1300x500mm console Console	NO	1.000	1.00	31.03.14

General Note:

PL. SUBMIT YOUR OFFER ON F.O.R - BHEL, TRICHY (TAMILNADU) BASIS AND IN TWO PART (TECHNO-COMMERCIAL BID AND PRICE BID) IN A SEPARATE COVER.

IF THE OFFER IS SUBMITTED IN SIGNLE PART AND THE SAME WILL BE LIABLE FOR REJECTION.

ANNEXURE-III ENCLOSED HERewith MUST BE FILLED, SIGNED AND SUBMITTED ALONG WITH YOUR OFFER.

THIS TENDER IS HOSTED IN BHEL WEBSITE VIDE NIT REF. _____ DT. _____ AND ANY CORRIGENDUM MAY PL BE VIEWED IN THE BHEL WEBSITE (HTTP://WWW.BHEL.COM)

ENCLOSURE: ANNEXURE - III

Enclosures:

"LD clause has to be confirmed without fail."

"Payment to vendors will be made only thro E-Payment mode."

PR Links

Material.	PR.No	PR.Item.	Quantity	Acc. Assign	Customer Number
	102781265	00010	1.000	/000000	
	102781265	00020	1.000	/000000	

list of suppliers

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**

MANAGER / PURCHASE
 (FOSSIL BOILERS)

SPECIFICATION FOR PANELS

REF: TDC:TCI:RD:039:PAN

ITEM 10: Panel

Dimensions	800(W) x 2200(H) x 600(D) mm
Material:	Enclosure roof, rear panel plates: Sheet steel 1.5 mm(min)
	Door: Sheet steel 2.0 mm(min)
	Mounting plate & Gland plate : Sheet steel 3.0 mm(min)
Paint finish:	Seven tank cleaning, Priming & Dip / powder coating
Paint Colour:	Interior and Exterior: RAL 7035
Protection category IP:	IP32 or better
Supply to include:	Enclosure with frame, front door, anti-vibration pad (15mm)
	Roof Plates
	Rear and side panel
	4 eyebolts
	Flush type ergo form multi-lever lock
	Mounting plate - 3mm thick(min) Zinc passivated
	Base/plinth of 100mm
	Gland plates - 3mm thick(min)

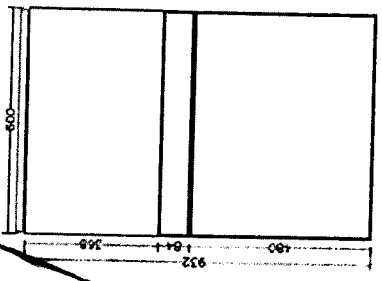
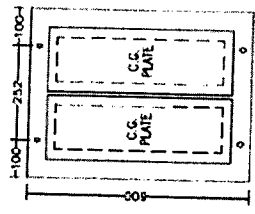
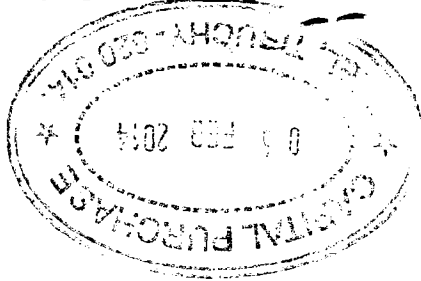
ITEM 20: Console

Dimensions	600(W) x 1300(H) x 500(D) mm
Material:	Enclosure: Sheet steel 1.5 mm(min)
	Door: Sheet steel 2.0 mm(min)
	Mounting plate & Gland plate : Sheet steel 3.0 mm(min)
Paint finish:	Seven tank cleaning, Priming & Dip / powder coating
Paint Colour:	RAL 7035
Protection category IP:	IP32 or better
Supply to include:	Enclosure with short front door with anti-vibration pad (15mm)
	Desk section
	Flush type ergo form multi-lever lock
	Mounting plate
	Base/plinth of 100mm
	Gland plates - 3mm thick(min)

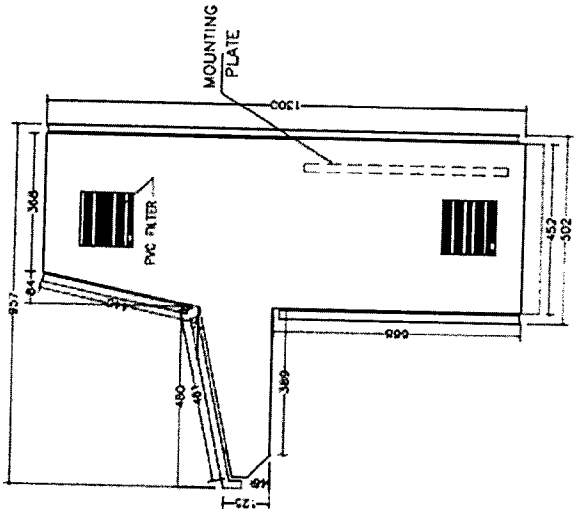
General Instructions:

- The cabinet shall be of professional quality welded modular construction made from CRCA grade-D sheet steel (branded make) as per IS-513 and 2mm thick for door, sides and shall be rigid freestanding, neat in appearance. Zinc passivated component mounting plate shall be rigidly fixed and made from 3mm thick CRCA grade-D sheet steel (branded make) as per IS-513. Necessary stiffeners / supports shall be provided to avoid bowing and bending.
- The cabinet shall be mounted on anti-vibration pad, 15 mm thick suitable for fixing to the ISMC channel of 100mm height with self-drilling anchor bolts together with all required accessories. The cabinet construction shall have adequate strength to support mounted components during shipment and to support a concentrated load of 60kg on its top after erection.
- The finished cabinet surface shall be free from all waves, bellies and other imperfections. All cabinet exterior steel surfaces shall be properly pre-treated by 7-tank process. Surface preparation shall be by power tool cleaning after degreasing and rinsing. The panel shall be primed with Red-Oxide & Dip Coated.
- The cabinet enclosure shall be suitable for IP-32 degree of protection as per IS-13947 and with **Single**-door arrangement. The door shall be suitable for minimum 100 degree opening.
- Tinned copper earth bus 25x3mm with mounting base, insulated bush etc shall be provided with 8 termination screws for different cable size varying from 2.5sq.mm to 16sq.mm. Separate earth strip to be provided for electronic components earthing.
- Two numbers brass bolt with nut for connecting GI earth flat shall be provided.
- Flush type ergo form multi-lever lock shall be provided for door locking.
- Four number of M16 lifting hooks shall be provided on top of the panel.
- Painting: Powder coating shall be done for both exterior and interior of the control panel. The component mounting plate shall be zinc passivated to 15-20 microns. Thickness of powder coating shall be 50-60 microns.

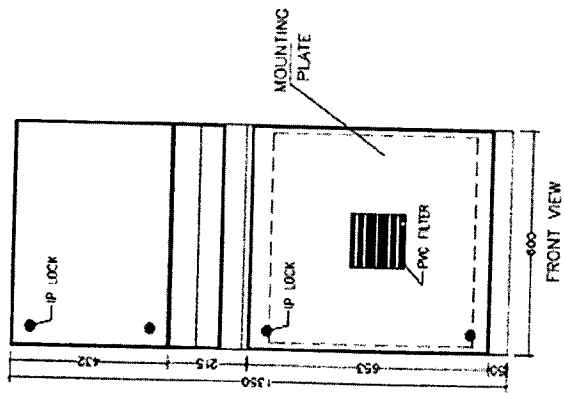
1. DESK WILL BE MADE OF WELDED CONSTRUCTION SYSTEM.
2. ALL SIDE & TOP WILL BE MADE OF 1.6mm THICK CRCA SHEET.
3. FRONT & REAR DOOR WILL BE MADE OF 2mm THICK CRCA SHEET.
4. DESK TOP SHEET WILL BE MADE OF 2mm THK. CRCA SHEET.
5. C.G. PLATE & BASE FRAME WILL BE MADE BE OF 3mm THK CRCA SHEET.
6. MOUNTING PLATE WILL BE MADE BE OF 3mm THK GI SHEET.
7. POWDER COATING: - MIN. THICKNESS 60 MICRONS.
EXTERNAL :- RAL-7035, SOFT GREY (STRUCTURE FINISH)
INTERNAL :- RAL-7035, SOFT GREY (STRUCTURE FINISH)
BASE FRAME :- RAL-7022
- MOUNTING PLATE :- GALVENIZED
- KEYBOARD DRAWER- DARK GREY
8. CABLE ENTRY WILL BE FROM BOTTOM.
9. QTY :- 01 No.



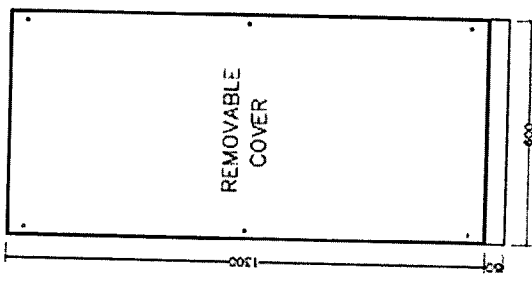
TOP VIEW



R.H.S. VIEW

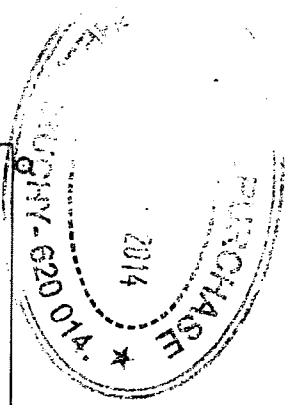
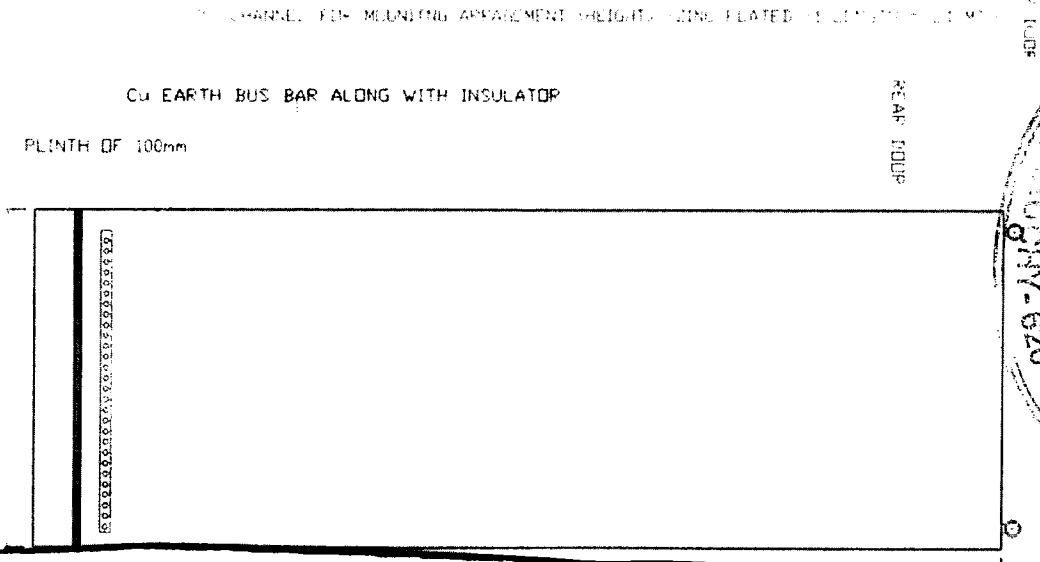
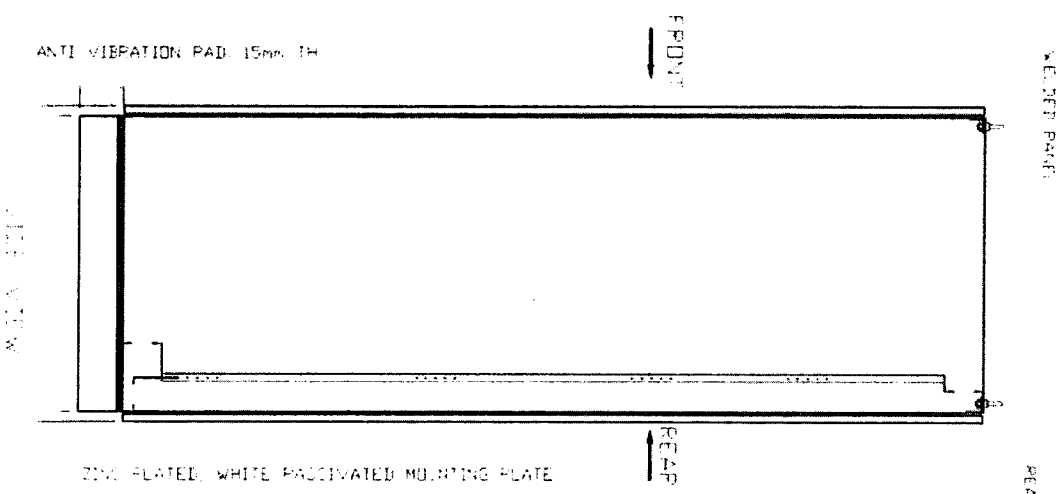
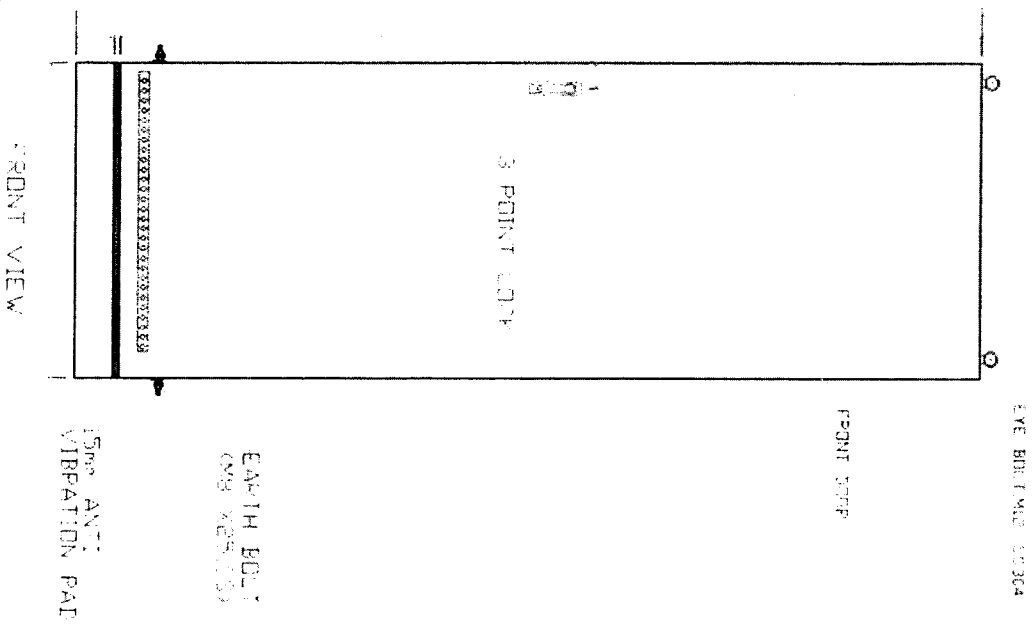


FRONT VIEW



REAR VIEW

Figure 2 ITEM20 CONSOLE



COMMERCIAL TERMS& CONDITIONS

ANNEXURE-III(m)

Bharat Heavy Electricals Limited, Tiruchirapalli – 620 014, Tamilnadu

MM: CP & SP

(Check List - to be filled and submitted along with Techno-Commercial Bid)

Sl. No.	BHEL Commercial Terms and Conditions for Indigenous Supplies	Vendor's Confirmation / Comments
1	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 the 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	
2	Technical confirmation to BHEL's Specification shall be furnished. If needed additional sheets shall be used.	
3	Prices shall be quoted item wise only.	
4	Delivery INCO TERMS- Price quoted -FOR BHEL TRICHY, STORES or ex- WORKS Basis or, FOR WORKS (DESPATCHING STATION) In case of EX works / FOR WORKS basis, indicate the Despatching station. Prices shall be quoted on "FIRM PRICE" basis only.	
5	Validity of offer shall be for a minimum period of 120 days from the date of Tender opening	
6	Delivery period from the date of Letter of Intent / Purchase order	
7	Liquidated damages shall be 0.5% of the total order value per week or part thereof subject to a maximum of 10% of the total order value. 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).	
8	Payment term for supply portion: Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials. Note: Only Direct Payment after goods receipt & acceptance will be accepted .Above payment term acceptance is essential for consideration of your offer 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. Payment through Bank is not preferred. In case of Payment through Bank is opted by Supplier, BHEL prefers documents submission through bank with copy of LR and door delivery of Goods to Stores with Consignee copy attached. In this case Loading will be 3% on the offered value. Offers of indigenous Suppliers with payment terms as <u>LC/Advance Payment are liable for rejection.</u> Important Note: BHEL will consider the ranking after the loading is applied as referred vide Sl. No. 7& 8 above wherever deviations are observed.	
9	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.	
10	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.	
11	The equipment shall be guaranteed as per tender condition from the date of receipt & acceptance./(commissioning (commissioning date ,if applicable as per tender condition) Normally No deviation permitted and the <u>deviated offers are liable for rejection.</u>	

COMMERCIAL TERMS& CONDITIONS

ANNEXURE-III(m)

12	Equipment will be inspected at vendor's works prior to dispatch if applicable. However final inspection and acceptance of equipment will be after installation at BHEL, Trichy, Tamilnadu.	
13	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.	
14	Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, Trichy, Tamilnadu basis.	
15	Performance Bank Guarantee, if applicable as per tender condition. Normally No deviation permitted and the <u>deviated offers are liable for rejection.</u>	
OTHER DETAILS REQUIRED		
16	% of Excise Duty with cess	
17	% of TAX (VAT) (TNGST with FORM-17)	
18	% of TAX (VAT) without form	
19	% of TAX (CST) (CST with C-FORM)	
20	% of TAX (CST) without form	
21	Packing & Forwarding Charges (in % only)	
22	Freight& transit insurance charges, if any(in % only) Freight charges from Dispatching station to BHEL, Tiruchirapalli (Note: If the delivery terms is Ex Works the materials has to be sent through BHEL approved carrier only ,in this case the freight will be borne by BHEL)	
23	Approximate Net weight of the total consignment	
24	Approximate Gross weight of the total consignment	
25	Approximate Dimensions of the Consignment	
26	Name of the contact person	
27	Land Line Number	
28	Fax Number	
29	Mobile Number	
30	E-mail ID	
31	PAN No.	
32	CST No.	TIN No.

- a) 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.
- b) Applicable % of ED, Sales Tax -CST or VAT, Service Tax), Freight, Insurance and Installation and Commissioning Charges etc., are indicated in offer.

Full postal Address:

Signature & Office Seal of the vendor

Note:-

Your specific acceptances to our Payment terms, LD & Risk Purchase (RP) Clause are essential for consideration of your offer. Otherwise your offer is liable for rejection.
No row shall be left blank. Please indicate NA, in case the item is "not applicable"